



中华人民共和国国家标准

GB/T 15756—2008
代替 GB/T 15756—1995

普通螺纹 极限尺寸

General purpose metric screw threads—Limits of sizes

2008-07-30 发布

2009-02-01 实施



中华人民共和国国家质量监督检验检疫总局 发布
中国国家标准化管理委员会

前 言

本标准代替 GB/T 15756—1995《普通螺纹 极限尺寸》。

本标准与 GB/T 15756—1995 相比,增加了 6G 内螺纹公差带,删除了 5h6h、8h 和 8g 外螺纹公差带,螺纹规格也按 GB/T 193—2003 进行了部分调整。

本标准 of 普通螺纹系列标准中的极限尺寸标准。普通螺纹系列标准包括:

- GB/T 192—2003 普通螺纹 基本牙型;
- GB/T 193—2003 普通螺纹 直径与螺距系列;
- GB/T 9144—2003 普通螺纹 优选系列;
- GB/T 1414—2003 普通螺纹 管路系列;
- GB/T 196—2003 普通螺纹 基本尺寸;
- GB/T 197—2003 普通螺纹 公差;
- GB/T 2516—2003 普通螺纹 极限偏差;
- GB/T 15756—2008 普通螺纹 极限尺寸;
- GB/T 9145—2003 普通螺纹 中等精度、优选系列的极限尺寸;
- GB/T 9146—2003 普通螺纹 粗糙精度、优选系列的极限尺寸。

本标准由全国螺纹标准化技术委员会(SAC/TC 108)提出并归口。

本标准起草单位:宁波九龙紧固件制造有限公司、中机生产力促进中心。

本标准主要起草人:徐勇、李晓滨。

本标准所代替标准的历次版本发布情况为:

- GB/T 15756—1995。

普通螺纹 极限尺寸

1 范围

本标准依据 GB/T 193—2003《普通螺纹 直径与螺距系列》和 GB/T 197—2003《普通螺纹 公差》，规定了普通螺纹的极限尺寸。普通螺纹基本牙型符合 GB/T 192—2003《普通螺纹 基本牙型》的规定。

本标准适用于公称直径 1 mm~300 mm、公差带为 4H、5H、6H、7H、6G、4h、6h、6g、6f 和 6e 的常用普通螺纹。

2 规范性引用文件

下列文件中的条款通过本标准的引用而成为本标准的条款。凡是注日期的引用文件，其随后所有的修改单(不包括勘误的内容)或修订版均不适用于本标准，然而，鼓励根据本标准达成协议的各方研究是否可使用这些文件的最新版本。凡是不注日期的引用文件，其最新版本适用于本标准。

GB/T 192—2003 普通螺纹 基本牙型(ISO 68-1:1998, ISO general purpose screw threads—Basic profile—Part 1: Metric screw threads, MOD)

GB/T 193—2003 普通螺纹 直径与螺距系列(ISO 261:1998, ISO general purpose metric screw threads—General plan, MOD)

GB/T 197—2003 普通螺纹 公差(ISO 965-1:1998, ISO general purpose metric screw threads—Tolerances—Part 1: Principles and basic data, MOD)

GB/T 14791 螺纹术语(GB/T 14791—1993, neq ISO 5408:1983)

3 术语和定义

GB/T 14791 所规定的术语和定义适用于本标准。

4 内螺纹的极限尺寸

4.1 内螺纹公差带及其各直径位置见图 1。

4.2 内螺纹极限尺寸计算式

$$D_{\min} = D + EI$$

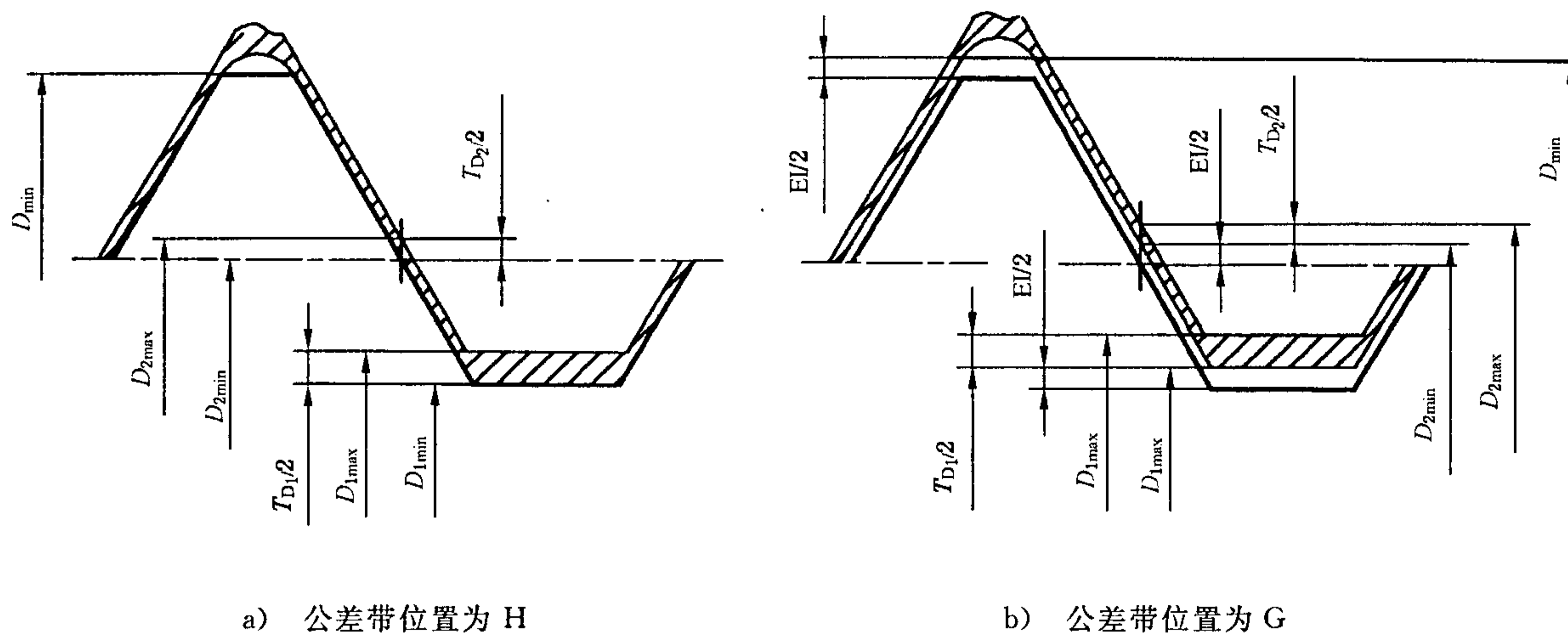
注：D 为直牙侧消失处的螺纹大径。

$$\begin{aligned} D_{2\min} &= D_{\min} - 3/4H \\ &= D_{\min} - 3/4 \times 0.866\ 025\ 404P \end{aligned}$$

$$D_{2\max} = D_{2\min} + T_{D_2}$$

$$\begin{aligned} D_{1\min} &= D_{\min} - 5/4H \\ &= D_{\min} - 5/4 \times 0.866\ 025\ 404P \end{aligned}$$

$$D_{1\max} = D_{1\min} + T_{D_1}$$



- D_{min} ——内螺纹大径的最小值；
- D_{2max} ——内螺纹中径的最大值；
- D_{2min} ——内螺纹中径的最小值；
- D_{1max} ——内螺纹小径的最大值；
- D_{1min} ——内螺纹小径的最小值；
- T_{D_2} ——内螺纹中径公差；
- T_{D_1} ——内螺纹小径公差；
- EI——内螺纹基本偏差。

图 1 内螺纹公差带及其各直径位置

4.3 内螺纹的极限尺寸

- 4H: 公称直径 1 mm~100 mm 内螺纹的极限尺寸见表 1；
- 5H: 公称直径 1 mm~300 mm 内螺纹的极限尺寸见表 2；
- 6H: 公称直径 1.4 mm~300 mm 内螺纹的极限尺寸见表 3；
- 7H: 公称直径 3 mm~200 mm 内螺纹的极限尺寸见表 4；
- 6G: 公称直径 1.4 mm~200 mm 内螺纹的极限尺寸见表 5。

表 1 4H 内螺纹的极限尺寸

单位为毫米

公称直径 D	螺距 P	大径 D_{\min}	中径		小径	
			$D_{2\max}$	$D_{2\min}$	$D_{1\max}$	$D_{1\min}$
1	0.2	1.000	0.910	0.870	0.821	0.783
	0.25	1.000	0.883	0.838	0.774	0.729
1.1	0.2	1.100	1.010	0.970	0.921	0.883
	0.25	1.100	0.983	0.938	0.874	0.829
1.2	0.2	1.200	1.110	1.070	1.021	0.983
	0.25	1.200	1.083	1.038	0.974	0.929
1.4	0.2	1.400	1.310	1.270	1.221	1.183
	0.3	1.400	1.253	1.205	1.128	1.075
1.6	0.2	1.600	1.512	1.470	1.421	1.383
	0.35	1.600	1.426	1.373	1.284	1.221
1.8	0.2	1.800	1.712	1.670	1.621	1.583
	0.35	1.800	1.626	1.573	1.484	1.421
2	0.25	2.000	1.886	1.838	1.774	1.729
	0.4	2.000	1.796	1.740	1.638	1.567
2.2	0.25	2.200	2.086	2.038	1.974	1.929
	0.45	2.200	1.968	1.908	1.793	1.713
2.5	0.35	2.500	2.326	2.273	2.184	2.121
	0.45	2.500	2.268	2.208	2.093	2.013
3	0.35	3.000	2.829	2.773	2.684	2.621
	0.5	3.000	2.738	2.675	2.549	2.459
3.5	0.35	3.500	3.329	3.273	3.184	3.121
	0.6	3.500	3.181	3.110	2.950	2.850
4	0.5	4.000	3.738	3.675	3.549	3.459
	0.7	4.000	3.620	3.545	3.354	3.242
4.5	0.5	4.500	4.238	4.175	4.049	3.959
	0.75	4.500	4.088	4.013	3.806	3.688
5	0.5	5.000	4.738	4.675	4.549	4.459
	0.8	5.000	4.560	4.480	4.259	4.134
5.5	0.5	5.500	5.238	5.175	5.049	4.959
6	0.75	6.000	5.598	5.513	5.306	5.188
	1	6.000	5.445	5.350	5.067	4.917
7	0.75	7.000	6.598	6.513	6.306	6.188
	1	7.000	6.445	6.350	6.067	5.917

表 1 (续)

单位为毫米

公称直径 D	螺距 P	大径 D_{\min}	中径		小径	
			$D_{2\max}$	$D_{2\min}$	$D_{1\max}$	$D_{1\min}$
8	0.75	8.000	7.598	7.513	7.306	7.188
	1	8.000	7.445	7.350	7.067	6.917
	1.25	8.000	7.288	7.188	6.817	6.647
9	0.75	9.000	8.598	8.513	8.306	8.188
	1	9.000	8.445	8.350	8.067	7.917
	1.25	9.000	8.288	8.188	7.817	7.647
10	0.75	10.000	9.598	9.513	9.306	9.188
	1	10.000	9.445	9.350	9.067	8.917
	1.25	10.000	9.288	9.188	8.817	8.647
	1.5	10.000	9.138	9.026	8.566	8.376
11	0.75	11.000	10.598	10.513	10.306	10.188
	1	11.000	10.445	10.350	10.067	9.917
	1.5	11.000	10.138	10.026	9.566	9.376
12	1	12.000	11.450	11.350	11.067	10.917
	1.25	12.000	11.300	11.188	10.817	10.647
	1.5	12.000	11.144	11.026	10.566	10.376
	1.75	12.000	10.988	10.863	10.318	10.106
14	1	14.000	13.450	13.350	13.067	12.917
	1.5	14.000	13.144	13.026	12.566	12.376
	2	14.000	12.833	12.701	12.071	11.835
15	1	15.000	14.450	14.350	14.067	13.917
	1.5	15.000	14.144	14.026	13.566	13.376
16	1	16.000	15.450	15.350	15.067	14.917
	1.5	16.000	15.144	15.026	14.566	14.376
	2	16.000	14.833	14.701	14.071	13.835
17	1	17.000	16.450	16.350	16.067	15.917
	1.5	17.000	16.144	16.026	15.566	15.376
18	1	18.000	17.450	17.350	17.067	16.917
	1.5	18.000	17.144	17.026	16.566	16.376
	2	18.000	16.833	16.701	16.071	15.835
	2.5	18.000	16.516	16.376	15.574	15.294
20	1	20.000	19.450	19.350	19.067	18.917
	1.5	20.000	19.144	19.026	18.566	18.376
	2	20.000	18.833	18.701	18.071	17.835
	2.5	20.000	18.516	18.376	17.574	17.294

表 1 (续)

单位为毫米

公称直径 D	螺距 P	大径 D_{\min}	中径		小径	
			$D_{2\max}$	$D_{2\min}$	$D_{1\max}$	$D_{1\min}$
22	1	22.000	21.450	21.350	21.067	20.917
	1.5	22.000	21.144	21.026	20.566	20.376
	2	22.000	20.833	20.701	20.071	19.835
	2.5	22.000	20.516	20.376	19.574	19.294
24	1	24.000	23.456	23.350	23.067	22.917
	1.5	24.000	23.151	23.026	22.566	22.376
	2	24.000	22.841	22.701	22.071	21.835
	3	24.000	22.221	22.051	21.067	20.752
25	1	25.000	24.456	24.350	24.067	23.917
	1.5	25.000	24.151	24.026	23.566	23.376
	2	25.000	23.841	23.701	23.071	22.835
26	1.5	26.000	25.151	25.026	24.566	24.376
27	1	27.000	26.456	26.350	26.067	25.917
	1.5	27.000	26.151	26.026	25.566	25.376
	2	27.000	25.841	25.701	25.071	24.835
	3	27.000	25.221	25.051	24.067	23.752
28	1	28.000	27.456	27.350	27.067	26.917
	1.5	28.000	27.151	27.026	26.566	26.376
	2	28.000	26.841	26.701	26.071	25.835
30	1	30.000	29.456	29.350	29.067	28.917
	1.5	30.000	29.151	29.026	28.566	28.376
	2	30.000	28.841	28.701	28.071	27.835
	3	30.000	28.221	28.051	27.067	26.752
	3.5	30.000	27.907	27.727	26.566	26.211
32	1.5	32.000	31.151	31.026	30.566	30.376
	2	32.000	30.841	30.701	30.071	29.835
33	1.5	33.000	32.151	32.026	31.566	31.376
	2	33.000	31.841	31.701	31.071	30.835
	3	33.000	31.221	31.051	30.067	29.752
	3.5	33.000	30.907	30.727	29.566	29.211
36	1.5	36.000	35.151	35.026	34.566	34.376
	2	36.000	34.841	34.701	34.071	33.835
	3	36.000	34.221	34.051	33.067	32.752
	4	36.000	33.592	33.402	32.045	31.670
38	1.5	38.000	37.151	37.026	36.566	36.376

表 1 (续)

单位为毫米

公称直径 D	螺距 P	大径 D_{\min}	中径		小径	
			$D_{2\max}$	$D_{2\min}$	$D_{1\max}$	$D_{1\min}$
39	1.5	39.000	38.151	38.026	37.566	37.376
	2	39.000	37.841	37.701	37.071	36.835
	3	39.000	37.221	37.051	36.067	35.752
	4	39.000	36.592	36.402	35.045	34.670
40	1.5	40.000	39.151	39.026	38.566	38.376
	2	40.000	38.841	38.701	38.071	37.835
	3	40.000	38.221	38.051	37.067	36.752
42	1.5	42.000	41.151	41.026	40.566	40.376
	2	42.000	40.841	40.701	40.071	39.835
	3	42.000	40.221	40.051	39.067	38.752
	4	42.000	39.592	39.402	38.045	37.670
	4.5	42.000	39.277	39.077	37.554	37.129
45	1.5	45.000	44.151	44.026	43.566	43.376
	2	45.000	43.841	43.701	43.071	42.835
	3	45.000	43.221	43.051	42.067	41.752
	4	45.000	42.592	42.402	41.045	40.670
	4.5	45.000	42.277	42.077	40.554	40.129
48	1.5	48.000	47.158	47.026	46.566	46.376
	2	48.000	46.851	46.701	46.071	45.835
	3	48.000	46.231	46.051	45.067	44.752
	4	48.000	45.602	45.402	44.045	43.670
	5	48.000	44.964	44.752	43.037	42.587
50	1.5	50.000	49.158	49.026	48.566	48.376
	2	50.000	48.851	48.701	48.071	47.835
	3	50.000	48.231	48.051	47.067	46.752
52	1.5	52.000	51.158	51.026	50.566	50.376
	2	52.000	50.851	50.701	50.071	49.835
	3	52.000	50.231	50.051	49.067	48.752
	4	52.000	49.602	49.402	48.045	47.670
	5	52.000	48.964	48.752	47.037	46.587
55	1.5	55.000	54.158	54.026	53.566	53.376
	2	55.000	53.851	53.701	53.071	52.835
	3	55.000	53.231	53.051	52.067	51.752
	4	55.000	52.602	52.402	51.045	50.670

表 1 (续)

单位为毫米

公称直径 D	螺距 P	大径 D_{\min}	中径		小径	
			$D_{2\max}$	$D_{2\min}$	$D_{1\max}$	$D_{1\min}$
56	1.5	56.000	55.158	55.026	54.566	54.376
	2	56.000	54.851	54.701	54.071	53.835
	3	56.000	54.231	54.051	53.067	52.752
	4	56.000	53.602	53.402	52.045	51.670
	5.5	56.000	52.652	52.428	50.521	50.046
58	1.5	58.000	57.158	57.026	56.566	56.376
	2	58.000	56.851	56.701	56.071	55.835
	3	58.000	56.231	56.051	55.067	54.752
	4	58.000	55.602	55.402	54.045	53.670
60	1.5	60.000	59.158	59.026	58.566	58.376
	2	60.000	58.851	58.701	58.071	57.835
	3	60.000	58.231	58.051	57.067	56.752
	4	60.000	57.602	57.402	56.045	55.670
	5.5	60.000	56.652	56.428	54.521	54.046
62	1.5	62.000	61.158	61.026	60.566	60.376
	2	62.000	60.851	60.701	60.071	59.835
	3	62.000	60.231	60.051	59.067	58.752
	4	62.000	59.602	59.402	58.045	57.670
64	1.5	64.000	63.158	63.026	62.566	62.376
	2	64.000	62.851	62.701	62.071	61.835
	3	64.000	62.231	62.051	61.067	60.752
	4	64.000	61.602	61.402	60.045	59.670
	6	64.000	60.339	60.103	58.005	57.505
65	1.5	65.000	64.158	64.026	63.566	63.376
	2	65.000	63.851	63.701	63.071	62.835
	3	65.000	63.231	63.051	62.067	61.752
	4	65.000	62.602	62.402	61.045	60.670
68	1.5	68.000	67.158	67.026	66.566	66.376
	2	68.000	66.851	66.701	66.071	65.835
	3	68.000	66.231	66.051	65.067	64.752
	4	68.000	65.602	65.402	64.045	63.670
	6	68.000	64.339	64.103	62.005	61.505

表 1 (续)

单位为毫米

公称直径 D	螺距 P	大径 D_{\min}	中径		小径	
			$D_{2\max}$	$D_{2\min}$	$D_{1\max}$	$D_{1\min}$
70	1.5	70.000	69.158	69.026	68.566	68.376
	2	70.000	68.851	68.701	68.071	67.835
	3	70.000	68.231	68.051	67.067	66.752
	4	70.000	67.602	67.402	66.045	65.670
	6	70.000	66.339	66.103	64.005	63.505
72	1.5	72.000	71.158	71.026	70.566	70.376
	2	72.000	70.851	70.701	70.071	69.835
	3	72.000	70.231	70.051	69.067	68.752
	4	72.000	69.602	69.402	68.045	67.670
	6	72.000	68.339	68.103	66.005	65.505
75	1.5	75.000	74.158	74.026	73.566	73.376
	2	75.000	73.851	73.701	73.071	72.835
	3	75.000	73.231	73.051	72.067	71.752
	4	75.000	72.602	72.402	71.045	70.670
76	1.5	76.000	75.158	75.026	74.566	74.376
	2	76.000	74.851	74.701	74.071	73.835
	3	76.000	74.231	74.051	73.067	72.752
	4	76.000	73.602	73.402	72.045	71.670
	6	76.000	72.339	72.103	70.005	69.505
78	2	78.000	76.851	76.701	76.071	75.835
80	1.5	80.000	79.158	79.026	78.566	78.376
	2	80.000	78.851	78.701	78.071	77.835
	3	80.000	78.231	78.051	77.067	76.752
	4	80.000	77.602	77.402	76.045	75.670
	6	80.000	76.339	76.103	74.005	73.505
82	2	82.000	80.851	80.701	80.071	79.835
85	2	85.000	83.851	83.701	83.071	82.835
	3	85.000	83.231	83.051	82.067	81.752
	4	85.000	82.602	82.402	81.045	80.670
	6	85.000	81.339	81.103	79.005	78.505
90	2	90.000	88.851	88.701	88.071	87.835
	3	90.000	88.231	88.051	87.067	86.752
	4	90.000	87.602	87.402	86.045	85.670
	6	90.000	86.339	86.103	84.005	83.505

表 1 (续)

单位为毫米

公称直径 D	螺距 P	大径 D_{\min}	中径		小径	
			$D_{2\max}$	$D_{2\min}$	$D_{1\max}$	$D_{1\min}$
95	2	95.000	93.861	93.701	93.071	92.835
	3	95.000	93.241	93.051	92.067	91.752
	4	95.000	92.614	92.402	91.045	90.670
	6	95.000	91.353	91.103	89.005	88.505
100	2	100.000	98.861	98.701	98.071	97.835
	3	100.000	98.241	98.051	97.067	96.752
	4	100.000	97.614	97.402	96.045	95.670
	6	100.000	96.353	96.103	94.005	93.505

表 2 5H 内螺纹的极限尺寸

单位为毫米

公称直径 D	螺距 P	大径 D_{\min}	中径		小径	
			$D_{2\max}$	$D_{2\min}$	$D_{1\max}$	$D_{1\min}$
1	0.25	1.000	0.894	0.838	0.785	0.729
1.1	0.25	1.100	0.994	0.938	0.885	0.829
1.2	0.25	1.200	1.094	1.038	0.985	0.929
1.4	0.3	1.400	1.265	1.205	1.142	1.075
1.6	0.35	1.600	1.440	1.373	1.301	1.221
1.8	0.35	1.800	1.640	1.573	1.501	1.421
2	0.25	2.000	1.898	1.838	1.785	1.729
	0.4	2.000	1.811	1.740	1.657	1.567
2.2	0.25	2.200	2.098	2.038	1.985	1.929
	0.45	2.200	1.983	1.908	1.813	1.713
2.5	0.35	2.500	2.340	2.273	2.201	2.121
	0.45	2.500	2.283	2.208	2.113	2.013
3	0.35	3.000	2.844	2.773	2.701	2.621
	0.5	3.000	2.755	2.675	2.571	2.459
3.5	0.35	3.500	3.344	3.273	3.201	3.121
	0.6	3.500	3.200	3.110	2.975	2.850
4	0.5	4.000	3.755	3.675	3.571	3.459
	0.7	4.000	3.640	3.545	3.382	3.242
4.5	0.5	4.500	4.255	4.175	4.071	3.959
	0.75	4.500	4.108	4.013	3.838	3.688
5	0.5	5.000	4.755	4.675	4.571	4.459
	0.8	5.000	4.580	4.480	4.294	4.134
5.5	0.5	5.500	5.255	5.175	5.071	4.959

表 2 (续)

单位为毫米

公称直径 D	螺距 P	大径 D_{\min}	中径		小径	
			$D_{2\max}$	$D_{2\min}$	$D_{1\max}$	$D_{1\min}$
6	0.75	6.000	5.619	5.513	5.338	5.188
	1	6.000	5.468	5.350	5.107	4.917
7	0.75	7.000	6.619	6.513	6.338	6.188
	1	7.000	6.468	6.350	6.107	5.917
8	0.75	8.000	7.619	7.513	7.338	7.188
	1	8.000	7.468	7.350	7.107	6.917
	1.25	8.000	7.313	7.188	6.859	6.647
9	0.75	9.000	8.619	8.513	8.338	8.188
	1	9.000	8.468	8.350	8.107	7.917
	1.25	9.000	8.313	8.188	7.859	7.647
10	0.75	10.000	9.619	9.513	9.338	9.188
	1	10.000	9.468	9.350	9.107	8.917
	1.25	10.000	9.313	9.188	8.859	8.647
	1.5	10.000	9.166	9.026	8.612	8.376
11	0.75	11.000	10.619	10.513	10.338	10.188
	1	11.000	10.468	10.350	10.107	9.917
	1.5	11.000	10.166	10.026	9.612	9.376
12	1	12.000	11.475	11.350	11.107	10.917
	1.25	12.000	11.328	11.188	10.859	10.647
	1.5	12.000	11.176	11.026	10.612	10.376
	1.75	12.000	11.023	10.863	10.371	10.106
14	1	14.000	13.475	13.350	13.107	12.917
	1.5	14.000	13.176	13.026	12.612	12.376
	2	14.000	12.871	12.701	12.135	11.835
15	1	15.000	14.475	14.350	14.107	13.917
	1.5	15.000	14.176	14.026	13.612	13.376
16	1	16.000	15.475	15.350	15.107	14.917
	1.5	16.000	15.176	15.026	14.612	14.376
	2	16.000	14.871	14.701	14.135	13.835
17	1	17.000	16.475	16.350	16.107	15.917
	1.5	17.000	16.176	16.026	15.612	15.376
18	1	18.000	17.475	17.350	17.107	16.917
	1.5	18.000	17.176	17.026	16.612	16.376
	2	18.000	16.871	16.701	16.135	15.835
	2.5	18.000	16.556	16.376	15.649	15.294

表 2 (续)

单位为毫米

公称直径 D	螺距 P	大径 D_{\min}	中径		小径	
			$D_{2\max}$	$D_{2\min}$	$D_{1\max}$	$D_{1\min}$
20	1	20.000	19.475	19.350	19.107	18.917
	1.5	20.000	19.176	19.026	18.612	18.376
	2	20.000	18.871	18.701	18.135	17.835
	2.5	20.000	18.556	18.376	17.649	17.294
22	1	22.000	21.475	21.350	21.107	20.917
	1.5	22.000	21.176	21.026	20.612	20.376
	2	22.000	20.871	20.701	20.135	19.835
	2.5	22.000	20.556	20.376	19.649	19.294
24	1	24.000	23.482	23.350	23.107	22.917
	1.5	24.000	23.186	23.026	22.612	22.376
	2	24.000	22.881	22.701	22.135	21.835
	3	24.000	22.263	22.051	21.152	20.752
25	1	25.000	24.482	24.350	24.107	23.917
	1.5	25.000	24.186	24.026	23.612	23.376
	2	25.000	23.881	23.701	23.135	22.835
26	1.5	26.000	25.186	25.026	24.612	24.376
27	1	27.000	26.482	26.350	26.107	25.917
	1.5	27.000	26.186	26.026	25.612	25.376
	2	27.000	25.881	25.701	25.135	24.835
	3	27.000	25.263	25.051	24.152	23.752
28	1	28.000	27.482	27.350	27.107	26.917
	1.5	28.000	27.186	27.026	26.612	26.376
	2	28.000	26.881	26.701	26.135	25.835
30	1	30.000	29.482	29.350	29.107	28.917
	1.5	30.000	29.186	29.026	28.612	28.376
	2	30.000	28.881	28.701	28.135	27.835
	3	30.000	28.263	28.051	27.152	26.752
	3.5	30.000	27.951	27.727	26.661	26.211
32	1.5	32.000	31.186	31.026	30.612	30.376
	2	32.000	30.881	30.701	30.135	29.835
33	1.5	33.000	32.186	32.026	31.612	31.376
	2	33.000	31.881	31.701	31.135	30.835
	3	33.000	31.263	31.051	30.152	29.752
	3.5	33.000	30.951	30.727	29.661	29.211

表 2 (续)

单位为毫米

公称直径 D	螺距 P	大径 D_{\min}	中径		小径	
			$D_{2\max}$	$D_{2\min}$	$D_{1\max}$	$D_{1\min}$
36	1.5	36.000	35.186	35.026	34.612	34.376
	2	36.000	34.881	34.701	34.135	33.835
	3	36.000	34.263	34.051	33.152	32.752
	4	36.000	33.638	33.402	32.145	31.670
38	1.5	38.000	37.186	37.026	36.612	36.376
39	1.5	39.000	38.186	38.026	37.612	37.376
	2	39.000	37.881	37.701	37.135	36.835
	3	39.000	37.263	37.051	36.152	35.752
	4	39.000	36.638	36.402	35.145	34.670
40	1.5	40.000	39.186	39.026	38.612	38.376
	2	40.000	38.881	38.701	38.135	37.835
	3	40.000	38.263	38.051	37.152	36.752
42	1.5	42.000	41.186	41.026	40.612	40.376
	2	42.000	40.881	40.701	40.135	39.835
	3	42.000	40.263	40.051	39.152	38.752
	4	42.000	39.638	39.402	38.145	37.670
	4.5	42.000	39.327	39.077	37.659	37.129
45	1.5	45.000	44.186	44.026	43.612	43.376
	2	45.000	43.881	43.701	43.135	42.835
	3	45.000	43.263	43.051	42.152	41.752
	4	45.000	42.638	42.402	41.145	40.670
	4.5	45.000	42.327	42.077	40.659	40.129
48	1.5	48.000	47.196	47.026	46.612	46.376
	2	48.000	46.891	46.701	46.135	45.835
	3	48.000	46.275	46.051	45.152	44.752
	4	48.000	45.652	45.402	44.145	43.670
	5	48.000	45.017	44.752	43.147	42.587
50	1.5	50.000	49.196	49.026	48.612	48.376
	2	50.000	48.891	48.701	48.135	47.835
	3	50.000	48.275	48.051	47.152	46.752
52	1.5	52.000	51.196	51.026	50.612	50.376
	2	52.000	50.891	50.701	50.135	49.835
	3	52.000	50.275	50.051	49.152	48.752
	4	52.000	49.652	49.402	48.145	47.670
	5	52.000	49.017	48.752	47.147	46.587

表 2 (续)

单位为毫米

公称直径 D	螺距 P	大径 D_{\min}	中径		小径	
			$D_{2\max}$	$D_{2\min}$	$D_{1\max}$	$D_{1\min}$
55	1.5	55.000	54.196	54.026	53.612	53.376
	2	55.000	53.891	53.701	53.135	52.835
	3	55.000	53.275	53.051	52.152	51.752
	4	55.000	52.652	52.402	51.145	50.670
56	1.5	56.000	55.196	55.026	54.612	54.376
	2	56.000	54.891	54.701	54.135	53.835
	3	56.000	54.275	54.051	53.152	52.752
	4	56.000	53.652	53.402	52.145	51.670
	5.5	56.000	52.708	52.428	50.646	50.046
58	1.5	58.000	57.196	57.026	56.612	56.376
	2	58.000	56.891	56.701	56.135	55.835
	3	58.000	56.275	56.051	55.152	54.752
	4	58.000	55.652	55.402	54.145	53.670
60	1.5	60.000	59.196	59.026	58.612	58.376
	2	60.000	58.891	58.701	58.135	57.835
	3	60.000	58.275	58.051	57.152	56.752
	4	60.000	57.652	57.402	56.145	55.670
	5.5	60.000	56.708	56.428	54.646	54.046
62	1.5	62.000	61.196	61.026	60.612	60.376
	2	62.000	60.891	60.701	60.135	59.835
	3	62.000	60.275	60.051	59.152	58.752
	4	62.000	59.652	59.402	58.145	57.670
64	1.5	64.000	63.196	63.026	62.612	62.376
	2	64.000	62.891	62.701	62.135	61.835
	3	64.000	62.275	62.051	61.152	60.752
	4	64.000	61.652	61.402	60.145	59.670
	6	64.000	60.403	60.103	58.135	57.505
65	1.5	65.000	64.196	64.026	63.612	63.376
	2	65.000	63.891	63.701	63.135	62.835
	3	65.000	63.275	63.051	62.152	61.752
	4	65.000	62.652	62.402	61.145	60.670

表 2 (续)

单位为毫米

公称直径 D	螺距 P	大径 D_{min}	中径		小径	
			D_{2max}	D_{2min}	D_{1max}	D_{1min}
68	1.5	68.000	67.196	67.026	66.612	66.376
	2	68.000	66.891	66.701	66.135	65.835
	3	68.000	66.275	66.051	65.152	64.752
	4	68.000	65.652	65.402	64.145	63.670
	6	68.000	64.403	64.103	62.135	61.505
70	1.5	70.000	69.196	69.026	68.612	68.376
	2	70.000	68.891	68.701	68.135	67.835
	3	70.000	68.275	68.051	67.152	66.752
	4	70.000	67.652	67.402	66.145	65.670
	6	70.000	66.403	66.103	64.135	63.505
72	1.5	72.000	71.196	71.026	70.612	70.376
	2	72.000	70.891	70.701	70.135	69.835
	3	72.000	70.275	70.051	69.152	68.752
	4	72.000	69.652	69.402	68.145	67.670
	6	72.000	68.403	68.103	66.135	65.505
75	1.5	75.000	74.196	74.026	73.612	73.376
	2	75.000	73.891	73.701	73.135	72.835
	3	75.000	73.275	73.051	72.152	71.752
	4	75.000	72.652	72.402	71.145	70.670
	6	75.000	72.403	72.103	70.135	69.505
76	1.5	76.000	75.196	75.026	74.612	74.376
	2	76.000	74.891	74.701	74.135	73.835
	3	76.000	74.275	74.051	73.152	72.752
	4	76.000	73.652	73.402	72.145	71.670
	6	76.000	72.403	72.103	70.135	69.505
78	2	78.000	76.891	76.701	76.135	75.835
80	1.5	80.000	79.196	79.026	78.612	78.376
	2	80.000	78.891	78.701	78.135	77.835
	3	80.000	78.275	78.051	77.152	76.752
	4	80.000	77.652	77.402	76.145	75.670
	6	80.000	76.403	76.103	74.135	73.505
82	2	82.000	80.891	80.701	80.135	79.835
85	2	85.000	83.891	83.701	83.135	82.835
	3	85.000	83.275	83.051	82.152	81.752
	4	85.000	82.652	82.402	81.145	80.670
	6	85.000	81.403	81.103	79.135	78.505

表 2 (续)

单位为毫米

公称直径 D	螺距 P	大径 D_{\min}	中径		小径	
			$D_{2\max}$	$D_{2\min}$	$D_{1\max}$	$D_{1\min}$
90	2	90.000	88.891	88.701	88.135	87.835
	3	90.000	88.275	88.051	87.152	86.752
	4	90.000	87.652	87.402	86.145	85.670
	6	90.000	86.403	86.103	84.135	83.505
95	2	95.000	93.901	93.701	93.135	92.835
	3	95.000	93.287	93.051	92.152	91.752
	4	95.000	92.667	92.402	91.145	90.670
	6	95.000	91.418	91.103	89.135	88.505
100	2	100.000	98.901	98.701	98.135	97.835
	3	100.000	98.287	98.051	97.152	96.752
	4	100.000	97.667	97.402	96.145	95.670
	6	100.000	96.418	96.103	94.135	93.505
105	2	105.000	103.901	103.701	103.135	102.835
	3	105.000	103.287	103.051	102.152	101.752
	4	105.000	102.667	102.402	101.145	100.670
	6	105.000	101.418	101.103	99.135	98.505
110	2	110.000	108.901	108.701	108.135	107.835
	3	110.000	108.287	108.051	107.152	106.752
	4	110.000	107.667	107.402	106.145	105.670
	6	110.000	106.418	106.103	104.135	103.505
115	2	115.000	113.901	113.701	113.135	112.835
	3	115.000	113.287	113.051	112.152	111.752
	4	115.000	112.667	112.402	111.145	110.670
	6	115.000	111.418	111.103	109.135	108.505
120	2	120.000	118.901	118.701	118.135	117.835
	3	120.000	118.287	118.051	117.152	116.752
	4	120.000	117.667	117.402	116.145	115.670
	6	120.000	116.418	116.103	114.135	113.505
125	2	125.000	123.901	123.701	123.135	122.835
	3	125.000	123.287	123.051	122.152	121.752
	4	125.000	122.667	122.402	121.145	120.670
	6	125.000	121.418	121.103	119.135	118.505
	8	125.000	120.159	119.804	117.140	116.340

表 2 (续)

单位为毫米

公称直径 D	螺距 P	大径 D_{\min}	中径		小径	
			$D_{2\max}$	$D_{2\min}$	$D_{1\max}$	$D_{1\min}$
130	2	130.000	128.901	128.701	128.135	127.835
	3	130.000	128.287	128.051	127.152	126.752
	4	130.000	127.667	127.402	126.145	125.670
	6	130.000	126.418	126.103	124.135	123.505
	8	130.000	125.159	124.804	122.140	121.340
135	2	135.000	133.901	133.701	133.135	132.835
	3	135.000	133.287	133.051	132.152	131.752
	4	135.000	132.667	132.402	131.145	130.670
	6	135.000	131.418	131.103	129.135	128.505
140	2	140.000	138.901	138.701	138.135	137.835
	3	140.000	138.287	138.051	137.152	136.752
	4	140.000	137.667	137.402	136.145	135.670
	6	140.000	136.418	136.103	134.135	133.505
	8	140.000	135.159	134.804	132.140	131.340
145	2	145.000	143.901	143.701	143.135	142.835
	3	145.000	143.287	143.051	142.152	141.752
	4	145.000	142.667	142.402	141.145	140.670
	6	145.000	141.418	141.103	139.135	138.505
150	2	150.000	148.901	148.701	148.135	147.835
	3	150.000	148.287	148.051	147.152	146.752
	4	150.000	147.667	147.402	146.145	145.670
	6	150.000	146.418	146.103	144.135	143.505
	8	150.000	145.159	144.804	142.140	141.340
155	3	155.000	153.287	153.051	152.152	151.752
	4	155.000	152.667	152.402	151.145	150.670
	6	155.000	151.418	151.103	149.135	148.505
160	3	160.000	158.287	158.051	157.152	156.752
	4	160.000	157.667	157.402	156.145	155.670
	6	160.000	156.418	156.103	154.135	153.505
	8	160.000	155.159	154.804	152.140	151.340
165	3	165.000	163.287	163.051	162.152	161.752
	4	165.000	162.667	162.402	161.145	160.670
	6	165.000	161.418	161.103	159.135	158.505

表 2 (续)

单位为毫米

公称直径 D	螺距 P	大径 D_{\min}	中径		小径	
			$D_{2\max}$	$D_{2\min}$	$D_{1\max}$	$D_{1\min}$
170	3	170.000	168.287	168.051	167.152	166.752
	4	170.000	167.667	167.402	166.145	165.670
	6	170.000	166.418	166.103	164.135	163.505
	8	170.000	165.159	164.804	162.140	161.340
175	3	175.000	173.287	173.051	172.152	171.752
	4	175.000	172.667	172.402	171.145	170.670
	6	175.000	171.418	171.103	169.135	168.505
180	3	180.000	178.287	178.051	177.152	176.752
	4	180.000	177.667	177.402	176.145	175.670
	6	180.000	176.418	176.103	174.135	173.505
	8	180.000	175.159	174.804	172.140	171.340
185	3	185.000	183.316	183.051	182.152	181.752
	4	185.000	182.702	182.402	181.145	180.670
	6	185.000	181.438	181.103	179.135	178.505
190	3	190.000	188.316	188.051	187.152	186.752
	4	190.000	187.702	187.402	186.145	185.670
	6	190.000	186.438	186.103	184.135	183.505
	8	190.000	185.179	184.804	182.140	181.340
195	3	195.000	193.316	193.051	192.152	191.752
	4	195.000	192.702	192.402	191.145	190.670
	6	195.000	191.438	191.103	189.135	188.505
200	3	200.000	198.316	198.051	197.152	196.752
	4	200.000	197.702	197.402	196.145	195.670
	6	200.000	196.438	196.103	194.135	193.505
	8	200.000	195.179	194.804	192.140	191.340
205	3	205.000	203.316	203.051	202.152	201.752
	4	205.000	202.702	202.402	201.145	200.670
	6	205.000	201.438	201.103	199.135	198.505
210	3	210.000	208.316	208.051	207.152	206.752
	4	210.000	207.702	207.402	206.145	205.670
	6	210.000	206.438	206.103	204.135	203.505
	8	210.000	205.179	204.804	202.140	201.340
215	3	215.000	213.316	213.051	212.152	211.752
	4	215.000	212.702	212.402	211.145	210.670
	6	215.000	211.438	211.103	209.135	208.505

表 2 (续)

单位为毫米

公称直径 D	螺距 P	大径 D_{\min}	中径		小径	
			$D_{2\max}$	$D_{2\min}$	$D_{1\max}$	$D_{1\min}$
220	3	220.000	218.316	218.051	217.152	216.752
	4	220.000	217.702	217.402	216.145	215.670
	6	220.000	216.438	216.103	214.135	213.505
	8	220.000	215.179	214.804	212.140	211.340
225	3	225.000	223.316	223.051	222.152	221.752
	4	225.000	222.702	222.402	221.145	220.670
	6	225.000	221.438	221.103	219.135	218.505
230	3	230.000	228.316	228.051	227.152	226.752
	4	230.000	227.702	227.402	226.145	225.670
	6	230.000	226.438	226.103	224.135	223.505
	8	230.000	225.179	224.804	222.140	221.340
235	3	235.000	233.316	233.051	232.152	231.752
	4	235.000	232.702	232.402	231.145	230.670
	6	235.000	231.438	231.103	229.135	228.505
240	3	240.000	238.316	238.051	237.152	236.752
	4	240.000	237.702	237.402	236.145	235.670
	6	240.000	236.438	236.103	234.135	233.505
	8	240.000	235.179	234.804	232.140	231.340
245	3	245.000	243.316	243.051	242.152	241.752
	4	245.000	242.702	242.402	241.145	240.670
	6	245.000	241.438	241.103	239.135	238.505
250	3	250.000	248.316	248.051	247.152	246.752
	4	250.000	247.702	247.402	246.145	245.670
	6	250.000	246.438	246.103	244.135	243.505
	8	250.000	245.179	244.804	242.140	241.340
255	4	255.000	252.702	252.402	251.145	250.670
	6	255.000	251.438	251.103	249.135	248.505
260	4	260.000	257.702	257.402	256.145	255.670
	6	260.000	256.438	256.103	254.135	253.505
	8	260.000	255.179	254.804	252.140	251.340
265	4	265.000	262.702	262.402	261.145	260.670
	6	265.000	261.438	261.103	259.135	258.505
270	4	270.000	267.702	267.402	266.145	265.670
	6	270.000	266.438	266.103	264.135	263.505
	8	270.000	265.179	264.804	262.140	261.340

表 2 (续)

单位为毫米

公称直径 D	螺距 P	大径 D_{\min}	中径		小径	
			$D_{2\max}$	$D_{2\min}$	$D_{1\max}$	$D_{1\min}$
275	4	275.000	272.702	272.402	271.145	270.670
	6	275.000	271.438	271.103	269.135	268.505
280	4	280.000	277.702	277.402	276.145	275.670
	6	280.000	276.438	276.103	274.135	273.505
	8	280.000	275.179	274.804	272.140	271.340
285	4	285.000	282.702	282.402	281.145	280.670
	6	285.000	281.438	281.103	279.135	278.505
290	4	290.000	287.702	287.402	286.145	285.670
	6	290.000	286.438	286.103	284.135	283.505
	8	290.000	285.179	284.804	282.140	281.340
295	4	295.000	292.702	292.402	291.145	290.670
	6	295.000	291.438	291.103	289.135	288.505
300	4	300.000	297.702	297.402	296.145	295.670
	6	300.000	296.438	296.103	294.135	293.505
	8	300.000	295.179	294.804	292.140	291.340

表 3 6H 内螺纹的极限尺寸

单位为毫米

公称直径 D	螺距 P	大径 D_{\min}	中径		小径	
			$D_{2\max}$	$D_{2\min}$	$D_{1\max}$	$D_{1\min}$
1.4	0.3	1.400	1.280	1.205	1.160	1.075
1.6	0.35	1.600	1.458	1.373	1.321	1.221
1.8	0.35	1.800	1.658	1.573	1.521	1.421
2	0.4	2.000	1.830	1.740	1.679	1.567
2.2	0.45	2.200	2.003	1.908	1.838	1.713
2.5	0.35	2.500	2.358	2.273	2.221	2.121
	0.45	2.500	2.303	2.208	2.138	2.013
3	0.35	3.000	2.863	2.773	2.721	2.621
	0.5	3.000	2.775	2.675	2.599	2.459
3.5	0.35	3.500	3.363	3.273	3.221	3.121
	0.6	3.500	3.222	3.110	3.010	2.850
4	0.5	4.000	3.775	3.675	3.599	3.459
	0.7	4.000	3.663	3.545	3.422	3.242
4.5	0.5	4.500	4.275	4.175	4.099	3.959
	0.75	4.500	4.131	4.013	3.878	3.688

表 3 (续)

单位为毫米

公称直径 D	螺距 P	大径 D_{\min}	中径		小径	
			$D_{2\max}$	$D_{2\min}$	$D_{1\max}$	$D_{1\min}$
5	0.5	5.000	4.775	4.675	4.599	4.459
	0.8	5.000	4.605	4.480	4.334	4.134
5.5	0.5	5.500	5.275	5.175	5.099	4.959
6	0.75	6.000	5.645	5.513	5.378	5.188
	1	6.000	5.500	5.350	5.153	4.917
7	0.75	7.000	6.645	6.513	6.378	6.188
	1	7.000	6.500	6.350	6.153	5.917
8	0.75	8.000	7.645	7.513	7.378	7.188
	1	8.000	7.500	7.350	7.153	6.917
	1.25	8.000	7.348	7.188	6.912	6.647
9	0.75	9.000	8.645	8.513	8.378	8.188
	1	9.000	8.500	8.350	8.153	7.917
	1.25	9.000	8.348	8.188	7.912	7.647
10	0.75	10.000	9.645	9.513	9.378	9.188
	1	10.000	9.500	9.350	9.153	8.917
	1.25	10.000	9.348	9.188	8.912	8.647
	1.5	10.000	9.206	9.026	8.676	8.376
11	0.75	11.000	10.645	10.513	10.378	10.188
	1	11.000	10.500	10.350	10.153	9.917
	1.5	11.000	10.206	10.026	9.676	9.376
12	1	12.000	11.510	11.350	11.153	10.917
	1.25	12.000	11.368	11.188	10.912	10.647
	1.5	12.000	11.216	11.026	10.676	10.376
	1.75	12.000	11.063	10.863	10.441	10.106
14	1	14.000	13.510	13.350	13.153	12.917
	1.5	14.000	13.216	13.026	12.676	12.376
	2	14.000	12.913	12.701	12.210	11.835
15	1	15.000	14.510	14.350	14.153	13.917
	1.5	15.000	14.216	14.026	13.676	13.376
16	1	16.000	15.510	15.350	15.153	14.917
	1.5	16.000	15.216	15.026	14.676	14.376
	2	16.000	14.913	14.701	14.210	13.835
17	1	17.000	16.510	16.350	16.153	15.917
	1.5	17.000	16.216	16.026	15.676	15.376

表 3 (续)

单位为毫米

公称直径 D	螺距 P	大径 D_{\min}	中径		小径	
			$D_{2\max}$	$D_{2\min}$	$D_{1\max}$	$D_{1\min}$
18	1	18.000	17.510	17.350	17.153	16.917
	1.5	18.000	17.216	17.026	16.676	16.376
	2	18.000	16.913	16.701	16.210	15.835
	2.5	18.000	16.600	16.376	15.744	15.294
20	1	20.000	19.510	19.350	19.153	18.917
	1.5	20.000	19.216	19.026	18.676	18.376
	2	20.000	18.913	18.701	18.210	17.835
	2.5	20.000	18.600	18.376	17.744	17.294
22	1	22.000	21.510	21.350	21.153	20.917
	1.5	22.000	21.216	21.026	20.676	20.376
	2	22.000	20.913	20.701	20.210	19.835
	2.5	22.000	20.600	20.376	19.744	19.294
24	1	24.000	23.520	23.350	23.153	22.917
	1.5	24.000	23.226	23.026	22.676	22.376
	2	24.000	22.925	22.701	22.210	21.835
	3	24.000	22.316	22.051	21.252	20.752
25	1	25.000	24.520	24.350	24.153	23.917
	1.5	25.000	24.226	24.026	23.676	23.376
	2	25.000	23.925	23.701	23.210	22.835
26	1.5	26.000	25.226	25.026	24.676	24.376
27	1	27.000	26.520	26.350	26.153	25.917
	1.5	27.000	26.226	26.026	25.676	25.376
	2	27.000	25.925	25.701	25.210	24.835
	3	27.000	25.316	25.051	24.252	23.752
28	1	28.000	27.520	27.350	27.153	26.917
	1.5	28.000	27.226	27.026	26.676	26.376
	2	28.000	26.925	26.701	26.210	25.835
30	1	30.000	29.520	29.350	29.153	28.917
	1.5	30.000	29.226	29.026	28.676	28.376
	2	30.000	28.925	28.701	28.210	27.835
	3	30.000	28.316	28.051	27.252	26.752
	3.5	30.000	28.007	27.727	26.771	26.211
32	1.5	32.000	31.226	31.026	30.676	30.376
	2	32.000	30.925	30.701	30.210	29.835

表 3 (续)

单位为毫米

公称直径 D	螺距 P	大径 D_{\min}	中径		小径	
			$D_{2\max}$	$D_{2\min}$	$D_{1\max}$	$D_{1\min}$
33	1.5	33.000	32.226	32.026	31.676	31.376
	2	33.000	31.925	31.701	31.210	30.835
	3	33.000	31.316	31.051	30.252	29.752
	3.5	33.000	31.007	30.727	29.771	29.211
36	1.5	36.000	35.226	35.026	34.676	34.376
	2	36.000	34.925	34.701	34.210	33.835
	3	36.000	34.316	34.051	33.252	32.752
	4	36.000	33.702	33.402	32.270	31.670
38	1.5	38.000	37.226	37.026	36.676	36.376
39	1.5	39.000	38.226	38.026	37.676	37.376
	2	39.000	37.925	37.701	37.210	36.835
	3	39.000	37.316	37.051	36.252	35.752
	4	39.000	36.702	36.402	35.270	34.670
40	1.5	40.000	39.226	39.026	38.676	38.376
	2	40.000	38.925	38.701	38.210	37.835
	3	40.000	38.316	38.051	37.252	36.752
42	1.5	42.000	41.226	41.026	40.676	40.376
	2	42.000	40.925	40.701	40.210	39.835
	3	42.000	40.316	40.051	39.252	38.752
	4	42.000	39.702	39.402	38.270	37.670
	4.5	42.000	39.392	39.077	37.799	37.129
45	1.5	45.000	44.226	44.026	43.676	43.376
	2	45.000	43.925	43.701	43.210	42.835
	3	45.000	43.316	43.051	42.252	41.752
	4	45.000	42.702	42.402	41.270	40.670
	4.5	45.000	42.392	42.077	40.799	40.129
48	1.5	48.000	47.238	47.026	46.676	46.376
	2	48.000	46.937	46.701	46.210	45.835
	3	48.000	46.331	46.051	45.252	44.752
	4	48.000	45.717	45.402	44.270	43.670
	5	48.000	45.087	44.752	43.297	42.587
50	1.5	50.000	49.238	49.026	48.676	48.376
	2	50.000	48.937	48.701	48.210	47.835
	3	50.000	48.331	48.051	47.252	46.752

表 3 (续)

单位为毫米

公称直径 D	螺距 P	大径 D_{\min}	中径		小径	
			$D_{2\max}$	$D_{2\min}$	$D_{1\max}$	$D_{1\min}$
52	1.5	52.000	51.238	51.026	50.676	50.376
	2	52.000	50.937	50.701	50.210	49.835
	3	52.000	50.331	50.051	49.252	48.752
	4	52.000	49.717	49.402	48.270	47.670
	5	52.000	49.087	48.752	47.297	46.587
55	1.5	55.000	54.238	54.026	53.676	53.376
	2	55.000	53.937	53.701	53.210	52.835
	3	55.000	53.331	53.051	52.252	51.752
	4	55.000	52.717	52.402	51.270	50.670
56	1.5	56.000	55.238	55.026	54.676	54.376
	2	56.000	54.937	54.701	54.210	53.835
	3	56.000	54.331	54.051	53.252	52.752
	4	56.000	53.717	53.402	52.270	51.670
	5.5	56.000	52.783	52.428	50.796	50.046
58	1.5	58.000	57.238	57.026	56.676	56.376
	2	58.000	56.937	56.701	56.210	55.835
	3	58.000	56.331	56.051	55.252	54.752
	4	58.000	55.717	55.402	54.270	53.670
60	1.5	60.000	59.238	59.026	58.676	58.376
	2	60.000	58.937	58.701	58.210	57.835
	3	60.000	58.331	58.051	57.252	56.752
	4	60.000	57.717	57.402	56.270	55.670
	5.5	60.000	56.783	56.428	54.796	54.046
62	1.5	62.000	61.238	61.026	60.676	60.376
	2	62.000	60.937	60.701	60.210	59.835
	3	62.000	60.331	60.051	59.252	58.752
	4	62.000	59.717	59.402	58.270	57.670
64	1.5	64.000	63.238	63.026	62.676	62.376
	2	64.000	62.937	62.701	62.210	61.835
	3	64.000	62.331	62.051	61.252	60.752
	4	64.000	61.717	61.402	60.270	59.670
	6	64.000	60.478	60.103	58.305	57.505

表 3 (续)

单位为毫米

公称直径 D	螺距 P	大径 D_{\min}	中径		小径	
			$D_{2\max}$	$D_{2\min}$	$D_{1\max}$	$D_{1\min}$
65	1.5	65.000	64.238	64.026	63.676	63.376
	2	65.000	63.937	63.701	63.210	62.835
	3	65.000	63.331	63.051	62.252	61.752
	4	65.000	62.717	62.402	61.270	60.670
68	1.5	68.000	67.238	67.026	66.676	66.376
	2	68.000	66.937	66.701	66.210	65.835
	3	68.000	66.331	66.051	65.252	64.752
	4	68.000	65.717	65.402	64.270	63.670
	6	68.000	64.478	64.103	62.305	61.505
70	1.5	70.000	69.238	69.026	68.676	68.376
	2	70.000	68.937	68.701	68.210	67.835
	3	70.000	68.331	68.051	67.252	66.752
	4	70.000	67.717	67.402	66.270	65.670
	6	70.000	66.478	66.103	64.305	63.505
72	1.5	72.000	71.238	71.026	70.676	70.376
	2	72.000	70.937	70.701	70.210	69.835
	3	72.000	70.331	70.051	69.252	68.752
	4	72.000	69.717	69.402	68.270	67.670
	6	72.000	68.478	68.103	66.305	65.505
75	1.5	75.000	74.238	74.026	73.676	73.376
	2	75.000	73.937	73.701	73.210	72.835
	3	75.000	73.331	73.051	72.252	71.752
	4	75.000	72.717	72.402	71.270	70.670
76	1.5	76.000	75.238	75.026	74.676	74.376
	2	76.000	74.937	74.701	74.210	73.835
	3	76.000	74.331	74.051	73.252	72.752
	4	76.000	73.717	73.402	72.270	71.670
	6	76.000	72.478	72.103	70.305	69.505
78	2	78.000	76.937	76.701	76.210	75.835
80	1.5	80.000	79.238	79.026	78.676	78.376
	2	80.000	78.937	78.701	78.210	77.835
	3	80.000	78.331	78.051	77.252	76.752
	4	80.000	77.717	77.402	76.270	75.670
	6	80.000	76.478	76.103	74.305	73.505

表 3 (续)

单位为毫米

公称直径 D	螺距 P	大径 D_{\min}	中径		小径	
			$D_{2\max}$	$D_{2\min}$	$D_{1\max}$	$D_{1\min}$
82	2	82.000	80.937	80.701	80.210	79.835
85	2	85.000	83.937	83.701	83.210	82.835
	3	85.000	83.331	83.051	82.252	81.752
	4	85.000	82.717	82.402	81.270	80.670
	6	85.000	81.478	81.103	79.305	78.505
90	2	90.000	88.937	88.701	88.210	87.835
	3	90.000	88.331	88.051	87.252	86.752
	4	90.000	87.717	87.402	86.270	85.670
	6	90.000	86.478	86.103	84.305	83.505
95	2	95.000	93.951	93.701	93.210	92.835
	3	95.000	93.351	93.051	92.252	91.752
	4	95.000	92.737	92.402	91.270	90.670
	6	95.000	91.503	91.103	89.305	88.505
100	2	100.000	98.951	98.701	98.210	97.835
	3	100.000	98.351	98.051	97.252	96.752
	4	100.000	97.737	97.402	96.270	95.670
	6	100.000	96.503	96.103	94.305	93.505
105	2	105.000	103.951	103.701	103.210	102.835
	3	105.000	103.351	103.051	102.252	101.752
	4	105.000	102.737	102.402	101.270	100.670
	6	105.000	101.503	101.103	99.305	98.505
110	2	110.000	108.951	108.701	108.210	107.835
	3	110.000	108.351	108.051	107.252	106.752
	4	110.000	107.737	107.402	106.270	105.670
	6	110.000	106.503	106.103	104.305	103.505
115	2	115.000	113.951	113.701	113.210	112.835
	3	115.000	113.351	113.051	112.252	111.752
	4	115.000	112.737	112.402	111.270	110.670
	6	115.000	111.503	111.103	109.305	108.505
120	2	120.000	118.951	118.701	118.210	117.835
	3	120.000	118.351	118.051	117.252	116.752
	4	120.000	117.737	117.402	116.270	115.670
	6	120.000	116.503	116.103	114.305	113.505

表 3 (续)

单位为毫米

公称直径 D	螺距 P	大径 D_{\min}	中径		小径	
			$D_{2\max}$	$D_{2\min}$	$D_{1\max}$	$D_{1\min}$
125	2	125.000	123.951	123.701	123.210	122.835
	3	125.000	123.351	123.051	122.252	121.752
	4	125.000	122.737	122.402	121.270	120.670
	6	125.000	121.503	121.103	119.305	118.505
	8	125.000	120.254	119.804	117.340	116.340
130	2	130.000	128.951	128.701	128.210	127.835
	3	130.000	128.351	128.051	127.252	126.752
	4	130.000	127.737	127.402	126.270	125.670
	6	130.000	126.503	126.103	124.305	123.505
	8	130.000	125.254	124.804	122.340	121.340
135	2	135.000	133.951	133.701	133.210	132.835
	3	135.000	133.351	133.051	132.252	131.752
	4	135.000	132.737	132.402	131.270	130.670
	6	135.000	131.503	131.103	129.305	128.505
140	2	140.000	138.951	138.701	138.210	137.835
	3	140.000	138.351	138.051	137.252	136.752
	4	140.000	137.737	137.402	136.270	135.670
	6	140.000	136.503	136.103	134.305	133.505
	8	140.000	135.254	134.804	132.340	131.340
145	2	145.000	143.951	143.701	143.210	142.835
	3	145.000	143.351	143.051	142.252	141.752
	4	145.000	142.737	142.402	141.270	140.670
	6	145.000	141.503	141.103	139.305	138.505
150	2	150.000	148.951	148.701	148.210	147.835
	3	150.000	148.351	148.051	147.252	146.752
	4	150.000	147.737	147.402	146.270	145.670
	6	150.000	146.503	146.103	144.305	143.505
	8	150.000	145.254	144.804	142.340	141.340
155	3	155.000	153.351	153.051	152.252	151.752
	4	155.000	152.737	152.402	151.270	150.670
	6	155.000	151.503	151.103	149.305	148.505
160	3	160.000	158.351	158.051	157.252	156.752
	4	160.000	157.737	157.402	156.270	155.670
	6	160.000	156.503	156.103	154.305	153.505
	8	160.000	155.254	154.804	152.340	151.340

表 3 (续)

单位为毫米

公称直径 D	螺距 P	大径 D_{\min}	中径		小径	
			$D_{2\max}$	$D_{2\min}$	$D_{1\max}$	$D_{1\min}$
165	3	165.000	163.351	163.051	162.252	161.752
	4	165.000	162.737	162.402	161.270	160.670
	6	165.000	161.503	161.103	159.305	158.505
170	3	170.000	168.351	168.051	167.252	166.752
	4	170.000	167.737	167.402	166.270	165.670
	6	170.000	166.503	166.103	164.305	163.505
	8	170.000	165.254	164.804	162.340	161.340
175	3	175.000	173.351	173.051	172.252	171.752
	4	175.000	172.737	172.402	171.270	170.670
	6	175.000	171.503	171.103	169.305	168.505
180	3	180.000	178.351	178.051	177.252	176.752
	4	180.000	177.737	177.402	176.270	175.670
	6	180.000	176.503	176.103	174.305	173.505
	8	180.000	175.254	174.804	172.340	171.340
185	3	185.000	183.386	183.051	182.252	181.752
	4	185.000	182.777	182.402	181.270	180.670
	6	185.000	181.528	181.103	179.305	178.505
190	3	190.000	188.386	188.051	187.252	186.752
	4	190.000	187.777	187.402	186.270	185.670
	6	190.000	186.528	186.103	184.305	183.505
	8	190.000	185.279	184.804	182.340	181.340
195	3	195.000	193.386	193.051	192.252	191.752
	4	195.000	192.777	192.402	191.270	190.670
	6	195.000	191.528	191.103	189.305	188.505
200	3	200.000	198.386	198.051	197.252	196.752
	4	200.000	197.777	197.402	196.270	195.670
	6	200.000	196.528	196.103	194.305	193.505
	8	200.000	195.279	194.804	192.340	191.340
205	3	205.000	203.386	203.051	202.252	201.752
	4	205.000	202.777	202.402	201.270	200.670
	6	205.000	201.528	201.103	199.305	198.505
210	3	210.000	208.386	208.051	207.252	206.752
	4	210.000	207.777	207.402	206.270	205.670
	6	210.000	206.528	206.103	204.305	203.505
	8	210.000	205.279	204.804	202.340	201.340

表 3 (续)

单位为毫米

公称直径 <i>D</i>	螺距 <i>P</i>	大径 <i>D_{min}</i>	中径		小径	
			<i>D_{2max}</i>	<i>D_{2min}</i>	<i>D_{1max}</i>	<i>D_{1min}</i>
215	3	215.000	213.386	213.051	212.252	211.752
	4	215.000	212.777	212.402	211.270	210.670
	6	215.000	211.528	211.103	209.305	208.505
220	3	220.000	218.386	218.051	217.252	216.752
	4	220.000	217.777	217.402	216.270	215.670
	6	220.000	216.528	216.103	214.305	213.505
	8	220.000	215.279	214.804	212.340	211.340
225	3	225.000	223.386	223.051	222.252	221.752
	4	225.000	222.777	222.402	221.270	220.670
	6	225.000	221.528	221.103	219.305	218.505
230	3	230.000	228.386	228.051	227.252	226.752
	4	230.000	227.777	227.402	226.270	225.670
	6	230.000	226.528	226.103	224.305	223.505
	8	230.000	225.279	224.804	222.340	221.340
235	3	235.000	233.386	233.051	232.252	231.752
	4	235.000	232.777	232.402	231.270	230.670
	6	235.000	231.528	231.103	229.305	228.505
240	3	240.000	238.386	238.051	237.252	236.752
	4	240.000	237.777	237.402	236.270	235.670
	6	240.000	236.528	236.103	234.305	233.505
	8	240.000	235.279	234.804	232.340	231.340
245	3	245.000	243.386	243.051	242.252	241.752
	4	245.000	242.777	242.402	241.270	240.670
	6	245.000	241.528	241.103	239.305	238.505
250	3	250.000	248.386	248.051	247.252	246.752
	4	250.000	247.777	247.402	246.270	245.670
	6	250.000	246.528	246.103	244.305	243.505
	8	250.000	245.279	244.804	242.340	241.340
255	4	255.000	252.777	252.402	251.270	250.670
	6	255.000	251.528	251.103	249.305	248.505
260	4	260.000	257.777	257.402	256.270	255.670
	6	260.000	256.528	256.103	254.305	253.505
	8	260.000	255.279	254.804	252.340	251.340

表 3 (续)

单位为毫米

公称直径 D	螺距 P	大径 D_{\min}	中径		小径	
			$D_{2\max}$	$D_{2\min}$	$D_{1\max}$	$D_{1\min}$
265	4	265.000	262.777	262.402	261.270	260.670
	6	265.000	261.528	261.103	259.305	258.505
270	4	270.000	267.777	267.402	266.270	265.670
	6	270.000	266.528	266.103	264.305	263.505
	8	270.000	265.279	264.804	262.340	261.340
275	4	275.000	272.777	272.402	271.270	270.670
	6	275.000	271.528	271.103	269.305	268.505
280	4	280.000	277.777	277.402	276.270	275.670
	6	280.000	276.528	276.103	274.305	273.505
	8	280.000	275.279	274.804	272.340	271.340
285	4	285.000	282.777	282.402	281.270	280.670
	6	285.000	281.528	281.103	279.305	278.505
290	4	290.000	287.777	287.402	286.270	285.670
	6	290.000	286.528	286.103	284.305	283.505
	8	290.000	285.279	284.804	282.340	281.340
295	4	295.000	292.777	292.402	291.270	290.670
	6	295.000	291.528	291.103	289.305	288.505
300	4	300.000	297.777	297.402	296.270	295.670
	6	300.000	296.528	296.103	294.305	293.505
	8	300.000	295.279	294.804	292.340	291.340

表 4 7H 内螺纹的极限尺寸

单位为毫米

公称直径 D	螺距 P	大径 D_{\min}	中径		小径	
			$D_{2\max}$	$D_{2\min}$	$D_{1\max}$	$D_{1\min}$
3	0.5	3.000	2.800	2.675	2.639	2.459
3.5	0.6	3.500	3.250	3.110	3.050	2.850
4	0.5	4.000	3.800	3.675	3.639	3.459
	0.7	4.000	3.695	3.545	3.466	3.242
4.5	0.5	4.500	4.300	4.175	4.139	3.959
	0.75	4.500	4.163	4.013	3.924	3.688
5	0.5	5.000	4.800	4.675	4.639	4.459
	0.8	5.000	4.640	4.480	4.384	4.134
5.5	0.5	5.500	5.300	5.175	5.139	4.959
6	0.75	6.000	5.683	5.513	5.424	5.188
	1	6.000	5.540	5.350	5.217	4.917

表 4 (续)

单位为毫米

公称直径 D	螺距 P	大径 D_{\min}	中径		小径	
			$D_{2\max}$	$D_{2\min}$	$D_{1\max}$	$D_{1\min}$
7	0.75	7.000	6.683	6.513	6.424	6.188
	1	7.000	6.540	6.350	6.217	5.917
8	0.75	8.000	7.683	7.513	7.424	7.188
	1	8.000	7.540	7.350	7.217	6.917
	1.25	8.000	7.388	7.188	6.982	6.647
9	0.75	9.000	8.683	8.513	8.424	8.188
	1	9.000	8.540	8.350	8.217	7.917
	1.25	9.000	8.388	8.188	7.982	7.647
10	0.75	10.000	9.683	9.513	9.424	9.188
	1	10.000	9.540	9.350	9.217	8.917
	1.25	10.000	9.388	9.188	8.982	8.647
	1.5	10.000	9.250	9.026	8.751	8.376
11	0.75	11.000	10.683	10.513	10.424	10.188
	1	11.000	10.540	10.350	10.217	9.917
	1.5	11.000	10.250	10.026	9.751	9.376
12	1	12.000	11.550	11.350	11.217	10.917
	1.25	12.000	11.412	11.188	10.982	10.647
	1.5	12.000	11.262	11.026	10.751	10.376
	1.75	12.000	11.113	10.863	10.531	10.106
14	1	14.000	13.550	13.350	13.217	12.917
	1.5	14.000	13.262	13.026	12.751	12.376
	2	14.000	12.966	12.701	12.310	11.835
15	1	15.000	14.550	14.350	14.217	13.9175
	1.5	15.000	14.262	14.026	13.751	13.376
16	1	16.000	15.550	15.350	15.217	14.917
	1.5	16.000	15.262	15.026	14.751	14.376
	2	16.000	14.966	14.701	14.310	13.835
17	1	17.000	16.550	16.350	16.217	15.917
	1.5	17.000	16.262	16.026	15.751	15.376
18	1	18.000	17.550	17.350	17.217	16.917
	1.5	18.000	17.262	17.026	16.751	16.376
	2	18.000	16.966	16.701	16.310	15.835
	2.5	18.000	16.656	16.376	15.854	15.294

表 4 (续)

单位为毫米

公称直径 D	螺距 P	大径 D_{\min}	中径		小径	
			$D_{2\max}$	$D_{2\min}$	$D_{1\max}$	$D_{1\min}$
20	1	20.000	19.550	19.350	19.217	18.917
	1.5	20.000	19.262	19.026	18.751	18.376
	2	20.000	18.966	18.701	18.310	17.835
	2.5	20.000	18.656	18.376	17.854	17.294
22	1	22.000	21.550	21.350	21.217	20.917
	1.5	22.000	21.262	21.026	20.751	20.376
	2	22.000	20.966	20.701	20.310	19.835
	2.5	22.000	20.656	20.376	19.854	19.294
24	1	24.000	23.562	23.350	23.217	22.917
	1.5	24.000	23.276	23.026	22.751	22.376
	2	24.000	22.981	22.701	22.310	21.835
	3	24.000	22.386	22.051	21.382	20.752
25	1	25.000	24.562	24.350	24.217	23.917
	1.5	25.000	24.276	24.026	23.751	23.376
	2	25.000	23.981	23.701	23.310	22.835
26	1.5	26.000	25.276	25.026	24.751	24.376
27	1	27.000	26.562	26.350	26.217	25.917
	1.5	27.000	26.276	26.026	25.751	25.376
	2	27.000	25.981	25.701	25.310	24.835
	3	27.000	25.386	25.051	24.382	23.752
28	1	28.000	27.562	27.350	27.217	26.917
	1.5	28.000	27.276	27.026	26.751	26.376
	2	28.000	26.981	26.701	26.310	25.835
30	1	30.000	29.562	29.350	29.217	28.917
	1.5	30.000	29.276	29.026	28.751	28.376
	2	30.000	28.981	28.701	28.310	27.835
	3	30.000	28.386	28.051	27.382	26.752
	3.5	30.000	28.082	27.727	26.921	26.211
32	1.5	32.000	31.276	31.026	30.751	30.376
	2	32.000	30.981	30.701	30.310	29.835
33	1.5	33.000	32.276	32.026	31.751	31.376
	2	33.000	31.981	31.701	31.310	30.835
	3	33.000	31.386	31.051	30.382	29.752
	3.5	33.000	31.082	30.727	29.921	29.211

表 4 (续)

单位为毫米

公称直径 D	螺距 P	大径 D_{\min}	中径		小径	
			$D_{2\max}$	$D_{2\min}$	$D_{1\max}$	$D_{1\min}$
36	1.5	36.000	35.276	35.026	34.751	34.376
	2	36.000	34.981	34.701	34.310	33.835
	3	36.000	34.386	34.051	33.382	32.752
	4	36.000	33.777	33.402	32.420	31.670
38	1.5	38.000	37.276	37.026	36.751	36.376
39	1.5	39.000	38.276	38.026	37.751	37.376
	2	39.000	37.981	37.701	37.310	36.835
	3	39.000	37.386	37.051	36.382	35.752
	4	39.000	36.777	36.402	35.420	34.670
40	1.5	40.000	39.276	39.026	38.751	38.376
	2	40.000	38.981	38.701	38.310	37.835
	3	40.000	38.386	38.051	37.382	36.752
42	1.5	42.000	41.276	41.026	40.751	40.376
	2	42.000	40.981	40.701	40.310	39.835
	3	42.000	40.386	40.051	39.382	38.752
	4	42.000	39.777	39.402	38.420	37.670
	4.5	42.000	39.477	39.077	37.979	37.129
45	1.5	45.000	44.276	44.026	43.751	43.376
	2	45.000	43.981	43.701	43.310	42.835
	3	45.000	43.386	43.051	42.382	41.752
	4	45.000	42.777	42.402	41.420	40.670
	4.5	45.000	42.477	42.077	40.979	40.129
48	1.5	48.000	47.291	47.026	46.751	46.376
	2	48.000	47.001	46.701	46.310	45.835
	3	48.000	46.406	46.051	45.382	44.752
	4	48.000	45.802	45.402	44.420	43.670
	5	48.000	45.177	44.752	43.487	42.587
50	1.5	50.000	49.291	49.026	48.751	48.376
	2	50.000	49.001	48.701	48.310	47.835
	3	50.000	48.406	48.051	47.382	46.752
52	1.5	52.000	51.291	51.026	50.751	50.376
	2	52.000	51.001	50.701	50.310	49.835
	3	52.000	50.406	50.051	49.382	48.752
	4	52.000	49.802	49.402	48.420	47.670
	5	52.000	49.177	48.752	47.487	46.587

表 4 (续)

单位为毫米

公称直径 D	螺距 P	大径 D_{\min}	中径		小径	
			$D_{2\max}$	$D_{2\min}$	$D_{1\max}$	$D_{1\min}$
55	1.5	55.000	54.291	54.026	53.751	53.376
	2	55.000	54.001	53.701	53.310	52.835
	3	55.000	53.406	53.051	52.382	51.752
	4	55.000	52.802	52.402	51.420	50.670
56	1.5	56.000	55.291	55.026	54.751	54.376
	2	56.000	55.001	54.701	54.310	53.835
	3	56.000	54.406	54.051	53.382	52.752
	4	56.000	53.802	53.402	52.420	51.670
	5.5	56.000	52.878	52.428	50.996	50.046
58	1.5	58.000	57.291	57.026	56.751	56.376
	2	58.000	57.001	56.701	56.310	55.835
	3	58.000	56.406	56.051	55.382	54.752
	4	58.000	55.802	55.402	54.420	53.670
60	1.5	60.000	59.291	59.026	58.751	58.376
	2	60.000	59.001	58.701	58.310	57.835
	3	60.000	58.406	58.051	57.382	56.752
	4	60.000	57.802	57.402	56.420	55.670
	5.5	60.000	56.878	56.428	54.996	54.046
62	1.5	62.000	61.291	61.026	60.751	60.376
	2	62.000	61.001	60.701	60.310	59.835
	3	62.000	60.406	60.051	59.382	58.752
	4	62.000	59.802	59.402	58.420	57.670
64	1.5	64.000	63.291	63.026	62.751	62.376
	2	64.000	63.001	62.701	62.310	61.835
	3	64.000	62.406	62.051	61.382	60.752
	4	64.000	61.802	61.402	60.420	59.670
	6	64.000	60.578	60.103	58.505	57.505
65	1.5	65.000	64.291	64.026	63.751	63.376
	2	65.000	64.001	63.701	63.310	62.835
	3	65.000	63.406	63.051	62.382	61.752
	4	65.000	62.802	62.402	61.420	60.670

表 4 (续)

单位为毫米

公称直径 D	螺距 P	大径 D_{\min}	中径		小径	
			$D_{2\max}$	$D_{2\min}$	$D_{1\max}$	$D_{1\min}$
68	1.5	68.000	67.291	67.026	66.751	66.376
	2	68.000	67.001	66.701	66.310	65.835
	3	68.000	66.406	66.051	65.382	64.752
	4	68.000	65.802	65.402	64.420	63.670
	6	68.000	64.578	64.103	62.505	61.505
70	1.5	70.000	69.291	69.026	68.751	68.376
	2	70.000	69.001	68.701	68.310	67.835
	3	70.000	68.406	68.051	67.382	66.752
	4	70.000	67.802	67.402	66.420	65.670
	6	70.000	66.578	66.103	64.505	63.505
72	1.5	72.000	71.291	71.026	70.751	70.376
	2	72.000	71.001	70.701	70.310	69.835
	3	72.000	70.406	70.051	69.382	68.752
	4	72.000	69.802	69.402	68.420	67.670
	6	72.000	68.578	68.103	66.505	65.505
75	1.5	75.000	74.291	74.026	73.751	73.376
	2	75.000	74.001	73.701	73.310	72.835
	3	75.000	73.406	73.051	72.382	71.752
	4	75.000	72.802	72.402	71.420	70.670
76	1.5	76.000	75.291	75.026	74.751	74.376
	2	76.000	75.001	74.701	74.310	73.835
	3	76.000	74.406	74.051	73.382	72.752
	4	76.000	73.802	73.402	72.420	71.670
	6	76.000	72.578	72.103	70.505	69.505
78	2	78.000	77.001	76.701	76.310	75.835
80	1.5	80.000	79.291	79.026	78.751	78.376
	2	80.000	79.001	78.701	78.310	77.835
	3	80.000	78.406	78.051	77.382	76.752
	4	80.000	77.802	77.402	76.420	75.670
	6	80.000	76.578	76.103	74.505	73.505
82	2	82.000	81.001	80.701	80.310	79.835
85	2	85.000	84.001	83.701	83.310	82.835
	3	85.000	83.406	83.051	82.382	81.752
	4	85.000	82.802	82.402	81.420	80.670
	6	85.000	81.578	81.103	79.505	78.505

表 4 (续)

单位为毫米

公称直径 D	螺距 P	大径 D_{\min}	中径		小径	
			$D_{2\max}$	$D_{2\min}$	$D_{1\max}$	$D_{1\min}$
90	2	90.000	89.001	88.701	88.310	87.835
	3	90.000	88.406	88.051	87.382	86.752
	4	90.000	87.802	87.402	86.420	85.670
	6	90.000	86.578	86.103	84.505	83.505
95	2	95.000	94.016	93.701	93.310	92.835
	3	95.000	93.426	93.051	92.382	91.752
	4	95.000	92.827	92.402	91.420	90.670
	6	95.000	91.603	91.103	89.505	88.505
100	2	100.000	99.016	98.701	98.310	97.835
	3	100.000	98.426	98.051	97.382	96.752
	4	100.000	97.827	97.402	96.420	95.670
	6	100.000	96.603	96.103	94.505	93.505
105	2	105.000	104.016	103.701	103.310	102.835
	3	105.000	103.426	103.051	102.382	101.752
	4	105.000	102.827	102.402	101.420	100.670
	6	105.000	101.603	101.103	99.505	98.505
110	2	110.000	109.016	108.701	108.310	107.835
	3	110.000	108.426	108.051	107.382	106.752
	4	110.000	107.827	107.402	106.420	105.670
	6	110.000	106.603	106.103	104.505	103.505
115	2	115.000	114.016	113.701	113.310	112.835
	3	115.000	113.426	113.051	112.382	111.752
	4	115.000	112.827	112.402	111.420	110.670
	6	115.000	111.603	111.103	109.505	108.505
120	2	120.000	119.016	118.701	118.310	117.835
	3	120.000	118.426	118.051	117.382	116.752
	4	120.000	117.827	117.402	116.420	115.670
	6	120.000	116.603	116.103	114.505	113.505
125	2	125.000	124.016	123.701	123.310	122.835
	3	125.000	123.426	123.051	122.382	121.752
	4	125.000	122.827	122.402	121.420	120.670
	6	125.000	121.603	121.103	119.505	118.505
	8	125.000	120.364	119.804	117.590	116.340

表 4 (续)

单位为毫米

公称直径 D	螺距 P	大径 D_{\min}	中径		小径	
			$D_{2\max}$	$D_{2\min}$	$D_{1\max}$	$D_{1\min}$
130	2	130.000	129.016	128.701	128.310	127.835
	3	130.000	128.426	128.051	127.382	126.752
	4	130.000	127.827	127.402	126.420	125.670
	6	130.000	126.603	126.103	124.505	123.505
	8	130.000	125.364	124.804	122.590	121.340
135	2	135.000	134.016	133.701	133.310	132.835
	3	135.000	133.426	133.051	132.382	131.752
	4	135.000	132.827	132.402	131.420	130.670
	6	135.000	131.603	131.103	129.505	128.505
140	2	140.000	139.016	138.701	138.310	137.835
	3	140.000	138.426	138.051	137.382	136.752
	4	140.000	137.827	137.402	136.420	135.670
	6	140.000	136.603	136.103	134.505	133.505
	8	140.000	135.364	134.804	132.590	131.340
145	2	145.000	144.016	143.701	143.310	142.835
	3	145.000	143.426	143.051	142.382	141.752
	4	145.000	142.827	142.402	141.420	140.670
	6	145.000	141.603	141.103	139.505	138.505
150	2	150.000	149.016	148.701	148.310	147.835
	3	150.000	148.426	148.051	147.382	146.752
	4	150.000	147.827	147.402	146.420	145.670
	6	150.000	146.603	146.103	144.505	143.505
	8	150.000	145.364	144.804	142.590	141.340
155	3	155.000	153.426	153.051	152.382	151.752
	4	155.000	152.827	152.402	151.420	150.670
	6	155.000	151.603	151.103	149.505	148.505
160	3	160.000	158.426	158.051	157.382	156.752
	4	160.000	157.827	157.402	156.420	155.670
	6	160.000	156.603	156.103	154.505	153.505
	8	160.000	155.364	154.804	152.590	151.340
165	3	165.000	163.426	163.051	162.382	161.752
	4	165.000	162.827	162.402	161.420	160.670
	6	165.000	161.603	161.103	159.505	158.505

表 4 (续)

单位为毫米

公称直径 D	螺距 P	大径 D_{\min}	中径		小径	
			$D_{2\max}$	$D_{2\min}$	$D_{1\max}$	$D_{1\min}$
170	3	170.000	168.426	168.051	167.382	166.752
	4	170.000	167.827	167.402	166.420	165.670
	6	170.000	166.603	166.103	164.505	163.505
	8	170.000	165.364	164.804	162.590	161.340
175	3	175.000	173.426	173.051	172.382	171.752
	4	175.000	172.827	172.402	171.420	170.670
	6	175.000	171.603	171.103	169.505	168.505
180	3	180.000	178.426	178.051	177.382	176.752
	4	180.000	177.827	177.402	176.420	175.670
	6	180.000	176.603	176.103	174.505	173.505
	8	180.000	175.364	174.804	172.590	171.340
185	3	185.000	183.476	183.051	182.382	181.752
	4	185.000	182.877	182.402	181.420	180.670
	6	185.000	181.633	181.103	179.505	178.505
190	3	190.000	188.476	188.051	187.382	186.752
	4	190.000	187.877	187.402	186.420	185.670
	6	190.000	186.633	186.103	184.505	183.505
	8	190.000	185.404	184.804	182.590	181.340
195	3	195.000	193.476	193.051	192.382	191.752
	4	195.000	192.877	192.402	191.420	190.670
	6	195.000	191.633	191.103	189.505	188.505
200	3	200.000	198.476	198.051	197.382	196.752
	4	200.000	197.877	197.402	196.420	195.670
	6	200.000	196.633	196.103	194.505	193.505
	8	200.000	195.404	194.804	192.590	191.340

表 5 6G 内螺纹的极限尺寸

单位为毫米

公称直径 D	螺距 P	大径 D_{\min}	中径		小径	
			$D_{2\max}$	$D_{2\min}$	$D_{1\max}$	$D_{1\min}$
1.4	0.3	1.418	1.298	1.223	1.178	1.093
1.6	0.35	1.619	1.477	1.392	1.340	1.240
1.8	0.35	1.819	1.677	1.592	1.540	1.440
2	0.4	2.019	1.849	1.759	1.698	1.586
2.2	0.45	2.220	2.023	1.928	1.858	1.733

表 5 (续)

单位为毫米

公称直径 D	螺距 P	大径 D_{\min}	中径		小径	
			$D_{2\max}$	$D_{2\min}$	$D_{1\max}$	$D_{1\min}$
2.5	0.35	2.519	2.377	2.292	2.240	2.140
	0.45	2.520	2.323	2.228	2.158	2.033
3	0.35	3.019	2.882	2.792	2.740	2.640
	0.5	3.020	2.795	2.695	2.619	2.479
3.5	0.35	3.519	3.382	3.292	3.240	3.140
	0.6	3.521	3.243	3.131	3.031	2.871
4	0.5	4.020	3.795	3.695	3.619	3.479
	0.7	4.022	3.685	3.567	3.444	3.264
4.5	0.5	4.520	4.295	4.195	4.119	3.979
	0.75	4.522	4.153	4.035	3.900	3.710
5	0.5	5.020	4.795	4.695	4.619	4.479
	0.8	5.024	4.629	4.504	4.358	4.158
5.5	0.5	5.520	5.295	5.195	5.119	4.979
6	0.75	6.022	5.667	5.535	5.400	5.210
	1	6.026	5.526	5.376	5.179	4.943
7	0.75	7.022	6.667	6.535	6.400	6.210
	1	7.026	6.526	6.376	6.179	5.943
8	0.75	8.022	7.667	7.535	7.400	7.210
	1	8.026	7.526	7.376	7.179	6.943
	1.25	8.028	7.376	7.216	6.940	6.675
9	0.75	9.022	8.667	8.535	8.400	8.210
	1	9.026	8.526	8.376	8.179	7.943
	1.25	9.028	8.376	8.216	7.940	7.675
10	0.75	10.022	9.667	9.535	9.400	9.210
	1	10.026	9.526	9.376	9.179	8.943
	1.25	10.028	9.376	9.216	8.940	8.675
	1.5	10.032	9.238	9.058	8.708	8.408
11	0.75	11.022	10.667	10.535	10.400	10.210
	1	11.026	10.526	10.376	10.179	9.943
	1.5	11.032	10.238	10.058	9.708	9.408
12	1	12.026	11.536	11.376	11.179	10.943
	1.25	12.028	11.396	11.216	10.940	10.675
	1.5	12.032	11.248	11.058	10.708	10.408
	1.75	12.034	11.097	10.897	10.475	10.140

表 5 (续)

单位为毫米

公称直径 D	螺距 P	大径 D_{min}	中径		小径	
			D_{2max}	D_{2min}	D_{1max}	D_{1min}
14	1	14.026	13.536	13.376	13.179	12.943
	1.5	14.032	13.248	13.058	12.708	12.408
	2	14.038	12.951	12.739	12.248	11.873
15	1	15.026	14.536	14.376	14.179	13.943
	1.5	15.032	14.248	14.058	13.708	13.408
16	1	16.026	15.536	15.376	15.179	14.943
	1.5	16.032	15.248	15.058	14.708	14.408
	2	16.038	14.951	14.739	14.248	13.873
17	1	17.026	16.536	16.376	16.179	15.943
	1.5	17.032	16.248	16.058	15.708	15.408
18	1	18.026	17.536	17.376	17.179	16.943
	1.5	18.032	17.248	17.058	16.708	16.408
	2	18.038	16.951	16.739	16.248	15.873
	2.5	18.042	16.642	16.418	15.786	15.336
20	1	20.026	19.536	19.376	19.179	18.943
	1.5	20.032	19.248	19.058	18.708	18.408
	2	20.038	18.951	18.739	18.248	17.873
	2.5	20.042	18.642	18.418	17.786	17.336
22	1	22.026	21.536	21.376	21.179	20.943
	1.5	22.032	21.248	21.058	20.708	20.408
	2	22.038	20.951	20.739	20.248	19.873
	2.5	22.042	20.642	20.418	19.786	19.336
24	1	24.026	23.546	23.376	23.179	22.943
	1.5	24.032	23.258	23.058	22.708	22.408
	2	24.038	22.963	22.739	22.248	21.873
	3	24.048	22.364	22.099	21.300	20.800
25	1	25.026	24.546	24.376	24.179	23.943
	1.5	25.032	24.258	24.058	23.708	23.408
	2	25.038	23.963	23.739	23.248	22.873
26	1.5	26.032	25.258	25.058	24.708	24.408
27	1	27.026	26.546	26.376	26.179	25.943
	1.5	27.032	26.258	26.058	25.708	25.408
	2	27.038	25.963	25.739	25.248	24.873
	3	27.048	25.364	25.099	24.300	23.800

表 5 (续)

单位为毫米

公称直径 D	螺距 P	大径 D_{\min}	中径		小径	
			$D_{2\max}$	$D_{2\min}$	$D_{1\max}$	$D_{1\min}$
28	1	28.026	27.546	27.376	27.179	26.943
	1.5	28.032	27.258	27.058	26.708	26.408
	2	28.038	26.963	26.739	26.248	25.873
30	1	30.026	29.546	29.376	29.179	28.943
	1.5	30.032	29.258	29.058	28.708	28.408
	2	30.038	28.963	28.739	28.248	27.873
	3	30.048	28.364	28.099	27.300	26.800
	3.5	30.053	28.060	27.780	26.824	26.264
32	1.5	32.032	31.258	31.058	30.708	30.408
	2	32.038	30.963	30.739	30.248	29.873
33	1.5	33.032	32.258	32.058	31.708	31.408
	2	33.038	31.963	31.739	31.248	30.873
	3	33.048	31.364	31.099	30.300	29.800
	3.5	33.053	31.060	30.780	29.824	29.264
36	1.5	36.032	35.258	35.058	34.708	34.408
	2	36.038	34.963	34.739	34.248	33.873
	3	36.048	34.364	34.099	33.300	32.800
	4	36.060	33.762	33.462	32.330	31.730
38	1.5	38.032	37.258	37.058	36.708	36.408
39	1.5	39.032	38.258	38.058	37.708	37.408
	2	39.038	37.963	37.739	37.248	36.873
	3	39.048	37.364	37.099	36.300	35.800
	4	39.060	36.762	36.462	35.330	34.730
40	1.5	40.032	39.258	39.058	38.708	38.408
	2	40.038	38.963	38.739	38.248	37.873
	3	40.048	38.364	38.099	37.300	36.800
42	1.5	42.032	41.258	41.058	40.708	40.408
	2	42.038	40.963	40.739	40.248	39.873
	3	42.048	40.364	40.099	39.300	38.800
	4	42.060	39.762	39.462	38.330	37.730
	4.5	42.063	39.455	39.140	37.862	37.192

表 5 (续)

单位为毫米

公称直径 D	螺距 P	大径 D_{\min}	中径		小径	
			$D_{2\max}$	$D_{2\min}$	$D_{1\max}$	$D_{1\min}$
45	1.5	45.032	44.258	44.058	43.708	43.408
	2	45.038	43.963	43.739	43.248	42.873
	3	45.048	43.364	43.099	42.300	41.800
	4	45.060	42.762	42.462	41.330	40.730
	4.5	45.063	42.455	42.140	40.862	40.192
48	1.5	48.032	47.270	47.058	46.708	46.408
	2	48.038	46.975	46.739	46.248	45.873
	3	48.048	46.379	46.099	45.300	44.800
	4	48.060	45.777	45.462	44.330	43.730
	5	48.071	45.158	44.823	43.368	42.658
50	1.5	50.032	49.270	49.058	48.708	48.408
	2	50.038	48.975	48.739	48.248	47.873
	3	50.048	48.379	48.099	47.300	46.800
52	1.5	52.032	51.270	51.058	50.708	50.408
	2	52.038	50.975	50.739	50.248	49.873
	3	52.048	50.379	50.099	49.300	48.800
	4	52.060	49.777	49.462	48.330	47.730
	5	52.071	49.158	48.823	47.368	46.658
55	1.5	55.032	54.270	54.058	53.708	53.408
	2	55.038	53.975	53.739	53.248	52.873
	3	55.048	53.379	53.099	52.300	51.800
	4	55.060	52.777	52.462	51.330	50.730
56	1.5	56.032	55.270	55.058	54.708	54.408
	2	56.038	54.975	54.739	54.248	53.873
	3	56.048	54.379	54.099	53.300	52.800
	4	56.060	53.777	53.462	52.330	51.730
	5.5	56.075	52.858	52.503	50.871	50.121
58	1.5	58.032	57.270	57.058	56.708	56.408
	2	58.038	56.975	56.739	56.248	55.873
	3	58.048	56.379	56.099	55.300	54.800
	4	58.060	55.777	55.462	54.330	53.730
60	1.5	60.032	59.270	59.058	58.708	58.408
	2	60.038	58.975	58.739	58.248	57.873
	3	60.048	58.379	58.099	57.300	56.800
	4	60.060	57.777	57.462	56.330	55.730
	5.5	60.075	56.858	56.503	54.871	54.121

表 5 (续)

单位为毫米

公称直径 D	螺距 P	大径 D_{\min}	中径		小径	
			$D_{2\max}$	$D_{2\min}$	$D_{1\max}$	$D_{1\min}$
62	1.5	62.032	61.270	61.058	60.708	60.408
	2	62.038	60.975	60.739	60.248	59.873
	3	62.048	60.379	60.099	59.300	58.800
	4	62.060	59.777	59.462	58.330	57.730
64	1.5	64.032	63.270	63.058	62.708	62.408
	2	64.038	62.975	62.739	62.248	61.873
	3	64.048	62.379	62.099	61.300	60.800
	4	64.060	61.777	61.462	60.330	59.730
	6	64.080	60.558	60.183	58.385	57.585
65	1.5	65.032	64.270	64.058	63.708	63.408
	2	65.038	63.975	63.739	63.248	62.873
	3	65.048	63.379	63.099	62.300	61.800
	4	65.060	62.777	62.462	61.330	60.730
68	1.5	68.032	67.270	67.058	66.708	66.408
	2	68.038	66.975	66.739	66.248	65.873
	3	68.048	66.379	66.099	65.300	64.800
	4	68.060	65.777	65.462	64.330	63.730
	6	68.080	64.558	64.183	62.385	61.585
70	1.5	70.032	69.270	69.058	68.708	68.408
	2	70.038	68.975	68.739	68.248	67.873
	3	70.048	68.379	68.099	67.300	66.800
	4	70.060	67.777	67.462	66.330	65.730
	6	70.080	66.558	66.183	64.385	63.585
72	1.5	72.032	71.270	71.058	70.708	70.408
	2	72.038	70.975	70.739	70.248	69.873
	3	72.048	70.379	70.099	69.300	68.800
	4	72.060	69.777	69.462	68.330	67.730
	6	72.080	68.558	68.183	66.385	65.585
75	1.5	75.032	74.270	74.058	73.708	73.408
	2	75.038	73.975	73.739	73.248	72.873
	3	75.048	73.379	73.099	72.300	71.800
	4	75.060	72.777	72.462	71.330	70.730

表 5 (续)

单位为毫米

公称直径 D	螺距 P	大径 D_{\min}	中径		小径	
			$D_{2\max}$	$D_{2\min}$	$D_{1\max}$	$D_{1\min}$
76	1.5	76.032	75.270	75.058	74.708	74.408
	2	76.038	74.975	74.739	74.248	73.873
	3	76.048	74.379	74.099	73.300	72.800
	4	76.060	73.777	73.462	72.330	71.730
	6	76.080	72.558	72.183	70.385	69.585
78	2	78.038	76.975	76.739	76.248	75.873
80	1.5	80.032	79.270	79.058	78.708	78.408
	2	80.038	78.975	78.739	78.248	77.873
	3	80.048	78.379	78.099	77.300	76.800
	4	80.060	77.777	77.462	76.330	75.730
	6	80.080	76.558	76.183	74.385	73.585
82	2	82.038	80.975	80.739	80.248	79.873
85	2	85.038	83.975	83.739	83.248	82.873
	3	85.048	83.379	83.099	82.300	81.800
	4	85.060	82.777	82.462	81.330	80.730
	6	85.080	81.558	81.183	79.385	78.585
90	2	90.038	88.975	88.739	88.248	87.873
	3	90.048	88.379	88.099	87.300	86.800
	4	90.060	87.777	87.462	86.330	85.730
	6	90.080	86.558	86.183	84.385	83.585
95	2	95.038	93.989	93.739	93.248	92.873
	3	95.048	93.399	93.099	92.300	91.800
	4	95.060	92.797	92.462	91.330	90.730
	6	95.080	91.583	91.183	89.385	88.585
100	2	100.038	98.989	98.739	98.248	97.873
	3	100.048	98.399	98.099	97.300	96.800
	4	100.060	97.797	97.462	96.330	95.730
	6	100.080	96.583	96.183	94.385	93.585
105	2	105.038	103.989	103.739	103.248	102.873
	3	105.048	103.399	103.099	102.300	101.800
	4	105.060	102.797	102.462	101.330	100.730
	6	105.080	101.583	101.183	99.385	98.585

表 5 (续)

单位为毫米

公称直径 D	螺距 P	大径 D_{\min}	中径		小径	
			$D_{2\max}$	$D_{2\min}$	$D_{1\max}$	$D_{1\min}$
110	2	110.038	108.989	108.739	108.248	107.873
	3	110.048	108.399	108.099	107.300	106.800
	4	110.060	107.797	107.462	106.330	105.730
	6	110.080	106.583	106.183	104.385	103.585
115	2	115.038	113.989	113.739	113.248	112.873
	3	115.048	113.399	113.099	112.300	111.800
	4	115.060	112.797	112.462	111.330	110.730
	6	115.080	111.583	111.183	109.385	108.585
120	2	120.038	118.989	118.739	118.248	117.873
	3	120.048	118.399	118.099	117.300	116.800
	4	120.060	117.797	117.462	116.330	115.730
	6	120.080	116.583	116.183	114.385	113.585
125	2	125.038	123.989	123.739	123.248	122.873
	3	125.048	123.399	123.099	122.300	121.800
	4	125.060	122.797	122.462	121.330	120.730
	6	125.080	121.583	121.183	119.385	118.585
	8	125.100	120.354	119.904	117.440	116.440
130	2	130.038	128.989	128.739	128.248	127.873
	3	130.048	128.399	128.099	127.300	126.800
	4	130.060	127.797	127.462	126.330	125.730
	6	130.080	126.583	126.183	124.385	123.585
	8	130.100	125.354	124.904	122.440	121.440
135	2	135.038	133.989	133.739	133.248	132.873
	3	135.048	133.399	133.099	132.300	131.800
	4	135.060	132.797	132.462	131.330	130.730
	6	135.080	131.583	131.183	129.385	128.585
140	2	140.038	138.989	138.739	138.248	137.873
	3	140.048	138.399	138.099	137.300	136.800
	4	140.060	137.797	137.462	136.330	135.730
	6	140.080	136.583	136.183	134.385	133.585
	8	140.100	135.354	134.904	132.440	131.440
145	2	145.038	143.989	143.739	143.248	142.873
	3	145.048	143.399	143.099	142.300	141.800
	4	145.060	142.797	142.462	141.330	140.730
	6	145.080	141.583	141.183	139.385	138.585

表 5 (续)

单位为毫米

公称直径 D	螺距 P	大径 D_{min}	中径		小径	
			D_{2max}	D_{2min}	D_{1max}	D_{1min}
150	2	150.038	148.989	148.739	148.248	147.873
	3	150.048	148.399	148.099	147.300	146.800
	4	150.060	147.797	147.462	146.330	145.730
	6	150.080	146.583	146.183	144.385	143.585
	8	150.100	145.354	144.904	142.440	141.440
155	3	155.048	153.399	153.099	152.300	151.800
	4	155.060	152.797	152.462	151.330	150.730
	6	155.080	151.583	151.183	149.385	148.585
160	3	160.048	158.399	158.099	157.300	156.800
	4	160.060	157.797	157.462	156.330	155.730
	6	160.080	156.583	156.183	154.385	153.585
	8	160.100	155.354	154.904	152.440	151.440
165	3	165.048	163.399	163.099	162.300	161.800
	4	165.060	162.797	162.462	161.330	160.730
	6	165.080	161.583	161.183	159.385	158.585
170	3	170.048	168.399	168.099	167.300	166.800
	4	170.060	167.797	167.462	166.330	165.730
	6	170.080	166.583	166.183	164.385	163.585
	8	170.100	165.354	164.904	162.440	161.440
175	3	175.048	173.399	173.099	172.300	171.800
	4	175.060	172.797	172.462	171.330	170.730
	6	175.080	171.583	171.183	169.385	168.585
180	3	180.048	178.399	178.099	177.300	176.800
	4	180.060	177.797	177.462	176.330	175.730
	6	180.080	176.583	176.183	174.385	173.585
	8	180.100	175.354	174.904	172.440	171.440
185	3	185.048	183.434	183.099	182.300	181.800
	4	185.060	182.837	182.462	181.330	180.730
	6	185.080	181.608	181.183	179.385	178.585
190	3	190.048	188.434	188.099	187.300	186.800
	4	190.060	187.837	187.462	186.330	185.730
	6	190.080	186.608	186.183	184.385	183.585
	8	190.100	185.379	184.904	182.440	181.440
195	3	195.048	193.434	193.099	192.300	191.800
	4	195.060	192.837	192.462	191.330	190.730
	6	195.080	191.608	191.183	189.385	188.585

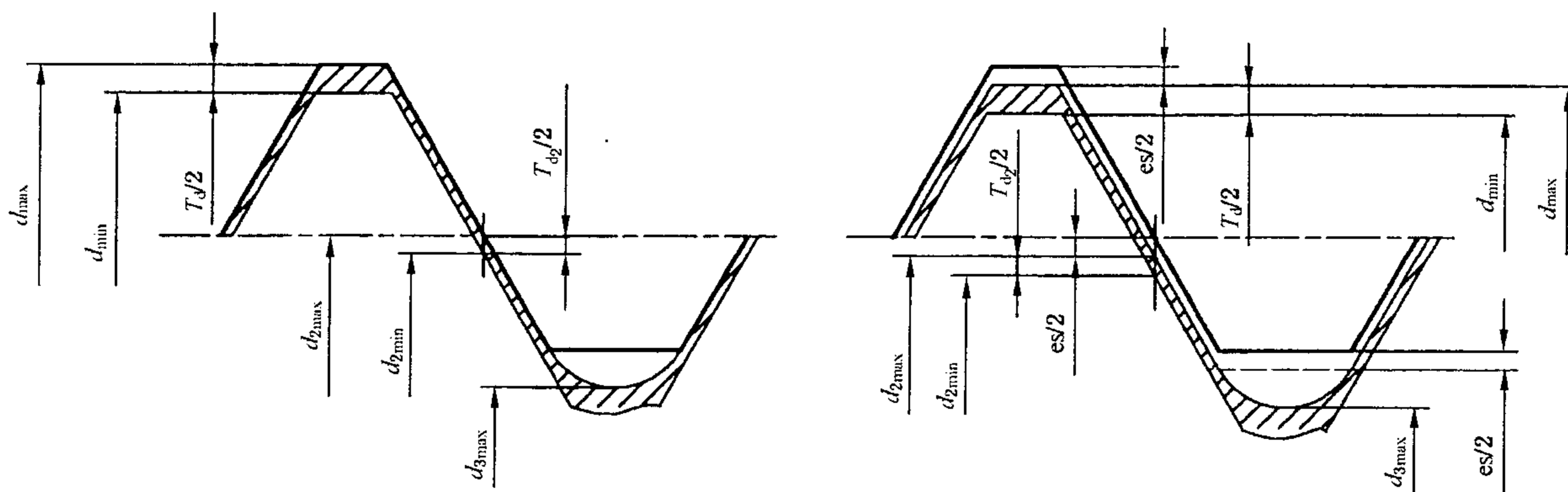
表 5 (续)

单位为毫米

公称直径 D	螺距 P	大径 D_{min}	中径		小径	
			D_{2max}	D_{2min}	D_{1max}	D_{1min}
200	3	200.048	198.434	198.099	197.300	196.800
	4	200.060	197.837	197.462	196.330	195.730
	6	200.080	196.608	196.183	194.385	193.585
	8	200.100	195.379	194.904	192.440	191.440

5 外螺纹的极限尺寸

5.1 外螺纹公差带及其各直径位置见图 2。



a) 公差带位置为 h

b) 公差带位置为 g, f 和 e

- d_{max} ——外螺纹大径的最大值;
- d_{min} ——外螺纹大径的最小值;
- d_{2max} ——外螺纹中径的最大值;
- d_{2min} ——外螺纹中径的最小值;
- d_{3max} ——外螺纹小径的最大值;
- T_d ——外螺纹大径公差;
- T_{d_2} ——外螺纹中径公差;
- es ——外螺纹基本偏差。

图 2 外螺纹公差带及其各直径位置

5.2 外螺纹极限尺寸计算式

$$d_{max} = d + es$$

$$d_{min} = d_{max} - T_d$$

$$d_{2max} = d_{max} - 3/4H$$

$$= d_{max} - 3/4 \times 0.866\ 025\ 404P$$

$$d_{2min} = d_{2max} - T_{d_2}$$

$$d_{3max} = d_{max} - 1.226\ 869P$$

注: d_3 为削平高度等于 $H/6$ 处的小径。

5.3 外螺纹的极限尺寸

- 4h: 公称直径 1 mm~100 mm 外螺纹的极限尺寸见表 6;
- 6h: 公称直径 1 mm~100 mm 外螺纹的极限尺寸见表 7;
- 6g: 公称直径 1 mm~300 mm 外螺纹的极限尺寸见表 8;
- 6f: 公称直径 1.6 mm~200 mm 外螺纹的极限尺寸见表 9;
- 6e: 公称直径 3 mm~200 mm 外螺纹的极限尺寸见表 10。

表 6 4h 外螺纹的极限尺寸

单位为毫米

公称直径 d	螺距 P	大径		中径		小径 (参考) d_{3max}
		d_{max}	d_{min}	d_{2max}	d_{2min}	
1	0.2	1.000	0.964	0.870	0.840	0.755
	0.25	1.000	0.958	0.838	0.804	0.693
1.1	0.2	1.100	1.064	0.970	0.940	0.855
	0.25	1.100	1.058	0.938	0.904	0.793
1.2	0.2	1.200	1.164	1.070	1.040	0.955
	0.25	1.200	1.158	1.038	1.004	0.893
1.4	0.2	1.400	1.364	1.270	1.240	1.155
	0.3	1.400	1.352	1.205	1.169	1.032
1.6	0.2	1.600	1.564	1.470	1.438	1.355
	0.35	1.600	1.547	1.373	1.333	1.171
1.8	0.2	1.800	1.764	1.670	1.638	1.555
	0.35	1.800	1.747	1.573	1.533	1.371
2	0.25	2.000	1.958	1.838	1.802	1.693
	0.4	2.000	1.940	1.740	1.698	1.509
2.2	0.25	2.200	2.158	2.038	2.002	1.893
	0.45	2.200	2.137	1.908	1.863	1.648
2.5	0.35	2.500	2.447	2.273	2.233	2.071
	0.45	2.500	2.437	2.208	2.163	1.948
3	0.35	3.000	2.947	2.773	2.731	2.571
	0.5	3.000	2.933	2.675	2.627	2.387
3.5	0.35	3.500	3.447	3.273	3.231	3.071
	0.6	3.500	3.420	3.110	3.057	2.764
4	0.5	4.000	3.933	3.675	3.627	3.387
	0.7	4.000	3.910	3.545	3.489	3.141
4.5	0.5	4.500	4.433	4.175	4.127	3.887
	0.75	4.500	4.410	4.013	3.957	3.580
5	0.5	5.000	4.933	4.675	4.627	4.387
	0.8	5.000	4.905	4.480	4.420	4.019
5.5	0.5	5.500	5.433	5.175	5.127	4.887
6	0.75	6.000	5.910	5.513	5.450	5.080
	1	6.000	5.888	5.350	5.279	4.773
7	0.75	7.000	6.910	6.513	6.450	6.080
	1	7.000	6.888	6.350	6.279	5.773

表 6 (续)

单位为毫米

公称直径 d	螺距 P	大 径		中 径		小 径 (参考) d_{3max}
		d_{max}	d_{min}	d_{2max}	d_{2min}	
8	0.75	8.000	7.910	7.513	7.450	7.080
	1	8.000	7.888	7.350	7.279	6.773
	1.25	8.000	7.868	7.188	7.113	6.466
9	0.75	9.000	8.910	8.513	8.450	8.080
	1	9.000	8.888	8.350	8.279	7.773
	1.25	9.000	8.868	8.188	8.113	7.466
10	0.75	10.000	9.910	9.513	9.450	9.080
	1	10.000	9.888	9.350	9.279	8.773
	1.25	10.000	9.868	9.188	9.113	8.466
	1.5	10.000	9.850	9.026	8.941	8.160
11	0.75	11.000	10.910	10.513	10.450	10.080
	1	11.000	10.888	10.350	10.279	9.773
	1.5	11.000	10.850	10.026	9.941	9.160
12	1	12.000	11.888	11.350	11.275	10.773
	1.25	12.000	11.868	11.188	11.103	10.466
	1.5	12.000	11.850	11.026	10.936	10.160
	1.75	12.000	11.830	10.863	10.768	9.853
14	1	14.000	13.888	13.350	13.275	12.773
	1.5	14.000	13.850	13.026	12.936	12.160
	2	14.000	13.820	12.701	12.601	11.546
15	1	15.000	14.888	14.350	14.275	13.773
	1.5	15.000	14.850	14.026	13.936	13.160
16	1	16.000	15.888	15.350	15.275	14.773
	1.5	16.000	15.850	15.026	14.936	14.160
	2	16.000	15.820	14.701	14.601	13.546
17	1	17.000	16.888	16.350	16.275	15.773
	1.5	17.000	16.850	16.026	15.936	15.160
18	1	18.000	17.888	17.350	17.275	16.773
	1.5	18.000	17.850	17.026	16.936	16.160
	2	18.000	17.820	16.701	16.601	15.546
	2.5	18.000	17.788	16.376	16.270	14.933

表 6 (续)

单位为毫米

公称直径 d	螺距 P	大径		中径		小径 (参考)
		d_{\max}	d_{\min}	$d_{2\max}$	$d_{2\min}$	$d_{3\max}$
20	1	20.000	19.888	19.350	19.275	18.773
	1.5	20.000	19.850	19.026	18.936	18.160
	2	20.000	19.820	18.701	18.601	17.546
	2.5	20.000	19.788	18.376	18.270	16.933
22	1	22.000	21.888	21.350	21.275	20.773
	1.5	22.000	21.850	21.026	20.936	20.160
	2	22.000	21.820	20.701	20.601	19.546
	2.5	22.000	21.788	20.376	20.270	18.933
24	1	24.000	23.888	23.350	23.270	22.773
	1.5	24.000	23.850	23.026	22.931	22.160
	2	24.000	23.820	22.701	22.595	21.546
	3	24.000	23.764	22.051	21.926	20.319
25	1	25.000	24.888	24.350	24.270	23.773
	1.5	25.000	24.850	24.026	23.931	23.160
	2	25.000	24.820	23.701	23.595	22.546
26	1.5	26.000	25.850	25.026	24.931	24.160
27	1	27.000	26.888	26.350	26.270	25.773
	1.5	27.000	26.850	26.026	25.931	25.160
	2	27.000	26.820	25.701	25.595	24.546
	3	27.000	26.764	25.051	24.926	23.319
28	1	28.000	27.888	27.350	27.270	26.773
	1.5	28.000	27.850	27.026	26.931	26.160
	2	28.000	27.820	26.701	26.595	25.546
30	1	30.000	29.888	29.350	29.270	28.773
	1.5	30.000	29.850	29.026	28.931	28.160
	2	30.000	29.820	28.701	28.595	27.546
	3	30.000	29.764	28.051	27.926	26.319
	3.5	30.000	29.735	27.727	27.595	25.706
32	1.5	32.000	31.850	31.026	30.931	30.160
	2	32.000	31.820	30.701	30.595	29.546
33	1.5	33.000	32.850	32.026	31.931	31.160
	2	33.000	32.820	31.701	31.595	30.546
	3	33.000	32.764	31.051	30.926	29.319
	3.5	33.000	32.735	30.727	30.595	28.706

表 6 (续)

单位为毫米

公称直径 d	螺距 P	大径		中径		小径 (参考)
		d_{\max}	d_{\min}	$d_{2\max}$	$d_{2\min}$	$d_{3\max}$
36	1.5	36.000	35.850	35.026	34.931	34.160
	2	36.000	35.820	34.701	34.595	33.546
	3	36.000	35.764	34.051	33.926	32.319
	4	36.000	35.700	33.402	33.262	31.093
38	1.5	38.000	37.850	37.026	36.931	36.160
39	1.5	39.000	38.850	38.026	37.931	37.160
	2	39.000	38.820	37.701	37.595	36.546
	3	39.000	38.764	37.051	36.926	35.319
	4	39.000	38.700	36.402	36.262	34.093
40	1.5	40.000	39.850	39.026	38.931	38.160
	2	40.000	39.820	38.701	38.595	37.546
	3	40.000	39.764	38.051	37.926	36.319
42	1.5	42.000	41.850	41.026	40.931	40.160
	2	42.000	41.820	40.701	40.595	39.546
	3	42.000	41.764	40.051	39.926	38.319
	4	42.000	41.700	39.402	39.262	37.093
	4.5	42.000	41.685	39.077	38.927	36.479
45	1.5	45.000	44.850	44.026	43.931	43.160
	2	45.000	44.820	43.701	43.595	42.546
	3	45.000	44.764	43.051	42.926	41.319
	4	45.000	44.700	42.402	42.262	40.093
	4.5	45.000	44.685	42.077	41.927	39.479
48	1.5	48.000	47.850	47.026	46.926	46.160
	2	48.000	47.820	46.701	46.589	45.546
	3	48.000	47.764	46.051	45.919	44.319
	4	48.000	47.700	45.402	45.252	43.093
	5	48.000	47.665	44.752	44.592	41.866

表 6 (续)

单位为毫米

公称直径 d	螺距 P	大 径		中 径		小 径 (参考) d_{3max}
		d_{max}	d_{min}	d_{2max}	d_{2min}	
50	1.5	50.000	49.850	49.026	48.926	48.160
	2	50.000	49.820	48.701	48.589	47.546
	3	50.000	49.764	48.051	47.919	46.319
52	1.5	52.000	51.850	51.026	50.926	50.160
	2	52.000	51.820	50.701	50.589	49.546
	3	52.000	51.764	50.051	49.919	48.319
	4	52.000	51.700	49.402	49.252	47.093
	5	52.000	51.665	48.752	48.592	45.866
55	1.5	55.000	54.850	54.026	53.926	53.160
	2	55.000	54.820	53.701	53.589	52.546
	3	55.000	54.764	53.051	52.919	51.319
	4	55.000	54.700	52.402	52.252	50.093
56	1.5	56.000	55.850	55.026	54.926	54.160
	2	56.000	55.820	54.701	54.589	53.546
	3	56.000	55.764	54.051	53.919	52.319
	4	56.000	55.700	53.402	53.252	51.093
	5.5	56.000	55.645	52.428	52.258	49.252
58	1.5	58.000	57.850	57.026	56.926	56.160
	2	58.000	57.820	56.701	56.589	55.546
	3	58.000	57.764	56.051	55.919	54.319
	4	58.000	57.700	55.402	55.252	53.093
60	1.5	60.000	59.850	59.026	58.926	58.160
	2	60.000	59.820	58.701	58.589	57.546
	3	60.000	59.764	58.051	57.919	56.319
	4	60.000	59.700	57.402	57.252	55.093
	5.5	60.000	59.645	56.428	56.258	53.252
62	1.5	62.000	61.850	61.026	60.926	60.160
	2	62.000	61.820	60.701	60.589	59.546
	3	62.000	61.764	60.051	59.919	58.319
	4	62.000	61.700	59.402	59.252	57.093

表 6 (续)

单位为毫米

公称直径 d	螺距 P	大径		中径		小径 (参考) d_{3max}
		d_{max}	d_{min}	d_{2max}	d_{2min}	
64	1.5	64.000	63.850	63.026	62.926	62.160
	2	64.000	63.820	62.701	62.589	61.546
	3	64.000	63.764	62.051	61.919	60.319
	4	64.000	63.700	61.402	61.252	59.093
	6	64.000	63.625	60.103	59.923	56.639
65	1.5	65.000	64.850	64.026	63.926	63.160
	2	65.000	64.820	63.701	63.589	62.546
	3	65.000	64.764	63.051	62.919	61.319
	4	65.000	64.700	62.402	62.252	60.093
68	1.5	68.000	67.850	67.026	66.926	66.160
	2	68.000	67.820	66.701	66.589	65.546
	3	68.000	67.764	66.051	65.919	64.319
	4	68.000	67.700	65.402	65.252	63.093
	6	68.000	67.625	64.103	63.923	60.639
70	1.5	70.000	69.850	69.026	68.926	68.160
	2	70.000	69.820	68.701	68.589	67.546
	3	70.000	69.764	68.051	67.919	66.319
	4	70.000	69.700	67.402	67.252	65.093
	6	70.000	69.625	66.103	65.923	62.639
72	1.5	72.000	71.850	71.026	70.926	70.160
	2	72.000	71.820	70.701	70.589	69.546
	3	72.000	71.764	70.051	69.919	68.319
	4	72.000	71.700	69.402	69.252	67.093
	6	72.000	71.625	68.103	67.923	64.639
75	1.5	75.000	74.850	74.026	73.926	73.160
	2	75.000	74.820	73.701	73.589	72.546
	3	75.000	74.764	73.051	72.919	71.319
	4	75.000	74.700	72.402	72.252	70.093

表 6 (续)

单位为毫米

公称直径 d	螺距 P	大径		中径		小径 (参考) d_{3max}
		d_{max}	d_{min}	d_{2max}	d_{2min}	
76	1.5	76.000	75.850	75.026	74.926	74.160
	2	76.000	75.820	74.701	74.589	73.546
	3	76.000	75.764	74.051	73.919	72.319
	4	76.000	75.700	73.402	73.252	71.093
	6	76.000	75.625	72.103	71.923	68.639
78	2	78.000	77.820	76.701	76.589	75.546
80	1.5	80.000	79.850	79.026	78.926	78.160
	2	80.000	79.820	78.701	78.589	77.546
	3	80.000	79.764	78.051	77.919	76.319
	4	80.000	79.700	77.402	77.252	75.093
	6	80.000	79.625	76.103	75.923	72.639
82	2	82.000	81.820	80.701	80.589	79.546
85	2	85.000	84.820	83.701	83.589	82.546
	3	85.000	84.764	83.051	82.919	81.319
	4	85.000	84.700	82.402	82.252	80.093
	6	85.000	84.625	81.103	80.923	77.639
90	2	90.000	89.820	88.701	88.589	87.546
	3	90.000	89.764	88.051	87.919	86.319
	4	90.000	89.700	87.402	87.252	85.093
	6	90.000	89.625	86.103	85.923	82.639
95	2	95.000	94.820	93.701	93.583	92.546
	3	95.000	94.764	93.051	92.911	91.319
	4	95.000	94.700	92.402	92.242	90.093
	6	95.000	94.625	91.103	90.913	87.639
100	2	100.000	99.820	98.701	98.583	97.546
	3	100.000	99.764	98.051	97.911	96.319
	4	100.000	99.700	97.402	97.242	95.093
	6	100.000	99.625	96.103	95.913	92.639

表 7 6h 外螺纹的极限尺寸

单位为毫米

公称直径 d	螺距 P	大径		中径		小径 (参考) d_{3max}
		d_{max}	d_{min}	d_{2max}	d_{2min}	
1	0.2	1.000	0.944	0.870	0.822	0.755
	0.25	1.000	0.933	0.838	0.785	0.693
1.1	0.2	1.100	1.044	0.970	0.922	0.855
	0.25	1.100	1.033	0.938	0.885	0.793
1.2	0.2	1.200	1.144	1.070	1.022	0.955
	0.25	1.200	1.133	1.038	0.985	0.893
1.4	0.2	1.400	1.344	1.270	1.222	1.155
	0.3	1.400	1.325	1.205	1.149	1.032
1.6	0.2	1.600	1.544	1.470	1.420	1.355
	0.35	1.600	1.515	1.373	1.310	1.171
1.8	0.2	1.800	1.744	1.670	1.620	1.555
	0.35	1.800	1.715	1.573	1.510	1.371
2	0.25	2.000	1.933	1.838	1.782	1.693
	0.4	2.000	1.905	1.740	1.673	1.509
2.2	0.25	2.200	2.133	2.038	1.982	1.893
	0.45	2.200	2.100	1.908	1.837	1.648
2.5	0.35	2.500	2.415	2.273	2.210	2.071
	0.45	2.500	2.400	2.208	2.137	1.948
3	0.35	3.000	2.915	2.773	2.706	2.571
	0.5	3.000	2.894	2.675	2.600	2.387
3.5	0.35	3.500	3.415	3.273	3.206	3.071
	0.6	3.500	3.375	3.110	3.025	2.764
4	0.5	4.000	3.894	3.675	3.600	3.387
	0.7	4.000	3.860	3.545	3.455	3.141
4.5	0.5	4.500	4.394	4.175	4.100	3.887
	0.75	4.500	4.360	4.013	3.923	3.580
5	0.5	5.000	4.894	4.675	4.600	4.387
	0.8	5.000	4.850	4.480	4.385	4.019
5.5	0.5	5.500	5.394	5.175	5.100	4.887
6	0.75	6.000	5.860	5.513	5.413	5.080
	1	6.000	5.820	5.350	5.238	4.773
7	0.75	7.000	6.860	6.513	6.413	6.080
	1	7.000	6.820	6.350	6.238	5.773

表 7 (续)

单位为毫米

公称直径 d	螺距 P	大径		中径		小径 (参考) d_{3max}
		d_{max}	d_{min}	d_{2max}	d_{2min}	
8	0.75	8.000	7.860	7.513	7.413	7.080
	1	8.000	7.820	7.350	7.238	6.773
	1.25	8.000	7.788	7.188	7.070	6.466
9	0.75	9.000	8.860	8.513	8.413	8.080
	1	9.000	8.820	8.350	8.238	7.773
	1.25	9.000	8.788	8.188	8.070	7.466
10	0.75	10.000	9.860	9.513	9.413	9.080
	1	10.000	9.820	9.350	9.238	8.773
	1.25	10.000	9.788	9.188	9.070	8.466
	1.5	10.000	9.764	9.026	8.894	8.160
11	0.75	11.000	10.860	10.513	10.413	10.080
	1	11.000	10.820	10.350	10.238	9.773
	1.5	11.000	10.764	10.026	9.894	9.160
12	1	12.000	11.820	11.350	11.232	10.773
	1.25	12.000	11.788	11.188	11.056	10.466
	1.5	12.000	11.764	11.026	10.886	10.160
	1.75	12.000	11.735	10.863	10.713	9.853
14	1	14.000	13.820	13.350	13.232	12.773
	1.5	14.000	13.764	13.026	12.886	12.160
	2	14.000	13.720	12.701	12.541	11.546
15	1	15.000	14.820	14.350	14.232	13.773
	1.5	15.000	14.764	14.026	13.886	13.160
16	1	16.000	15.820	15.350	15.232	14.773
	1.5	16.000	15.764	15.026	14.886	14.160
	2	16.000	15.720	14.701	14.541	13.546
17	1	17.000	16.820	16.350	16.232	15.773
	1.5	17.000	16.764	16.026	15.886	15.160
18	1	18.000	17.820	17.350	17.232	16.773
	1.5	18.000	17.764	17.026	16.886	16.160
	2	18.000	17.720	16.701	16.541	15.546
	2.5	18.000	17.665	16.376	16.206	14.933

表 7 (续)

单位为毫米

公称直径 d	螺距 P	大径		中径		小径 (参考)
		d_{\max}	d_{\min}	$d_{2\max}$	$d_{2\min}$	$d_{3\max}$
20	1	20.000	19.820	19.350	19.232	18.773
	1.5	20.000	19.764	19.026	18.886	18.160
	2	20.000	19.720	18.701	18.541	17.546
	2.5	20.000	19.665	18.376	18.206	16.933
22	1	22.000	21.820	21.350	21.232	20.7737
	1.5	22.000	21.764	21.026	20.886	20.160
	2	22.000	21.720	20.701	20.541	19.546
	2.5	22.000	21.665	20.376	20.206	18.933
24	1	24.000	23.820	23.350	23.225	22.773
	1.5	24.000	23.764	23.026	22.876	22.160
	2	24.000	23.720	22.701	22.531	21.546
	3	24.000	23.625	22.051	21.851	20.319
25	1	25.000	24.820	24.350	24.225	23.773
	1.5	25.000	24.764	24.026	23.876	23.160
	2	25.000	24.720	23.701	23.531	22.546
26	1.5	26.000	25.764	25.026	24.876	24.160
27	1	27.000	26.820	26.350	26.225	25.773
	1.5	27.000	26.764	26.026	25.876	25.160
	2	27.000	26.720	25.701	25.531	24.546
	3	27.000	26.625	25.051	24.851	23.319
28	1	28.000	27.820	27.350	27.225	26.773
	1.5	28.000	27.764	27.026	26.876	26.160
	2	28.000	27.720	26.701	26.531	25.546
30	1	30.000	29.820	29.350	29.225	28.773
	1.5	30.000	29.764	29.026	28.876	28.160
	2	30.000	29.720	28.701	28.531	27.546
	3	30.000	29.625	28.051	27.851	26.319
	3.5	30.000	29.575	27.727	27.515	25.706
32	1.5	32.000	31.764	31.026	30.876	30.160
	2	32.000	31.720	30.701	30.531	29.546
33	1.5	33.000	32.764	32.026	31.876	31.160
	2	33.000	32.720	31.701	31.531	30.546
	3	33.000	32.625	31.051	30.851	29.319
	3.5	33.000	32.575	30.727	30.515	28.706

表 7 (续)

单位为毫米

公称直径 d	螺距 P	大径		中径		小径 (参考) d_{3max}
		d_{max}	d_{min}	d_{2max}	d_{2min}	
36	1.5	36.000	35.764	35.026	34.876	34.160
	2	36.000	35.720	34.701	34.531	33.546
	3	36.000	35.625	34.051	33.851	32.319
	4	36.000	35.525	33.402	33.178	31.093
38	1.5	38.000	37.764	37.026	36.876	36.160
39	1.5	39.000	38.764	38.026	37.876	37.160
	2	39.000	38.720	37.701	37.531	36.546
	3	39.000	38.625	37.051	36.851	35.319
	4	39.000	38.525	36.402	36.178	34.093
40	1.5	40.000	39.764	39.026	38.876	38.160
	2	40.000	39.720	38.701	38.531	37.546
	3	40.000	39.625	38.051	37.851	36.319
42	1.5	42.000	41.764	41.026	40.876	40.160
	2	42.000	41.720	40.701	40.531	39.546
	3	42.000	41.625	40.051	39.851	38.319
	4	42.000	41.525	39.402	39.178	37.093
	4.5	42.000	41.500	39.077	38.841	36.479
45	1.5	45.000	44.764	44.026	43.876	43.160
	2	45.000	44.720	43.701	43.531	42.546
	3	45.000	44.625	43.051	42.851	41.319
	4	45.000	44.525	42.402	42.178	40.093
	4.5	45.000	44.500	42.077	41.841	39.479
48	1.5	48.000	47.764	47.026	46.866	46.160
	2	48.000	47.720	46.701	46.521	45.546
	3	48.000	47.625	46.051	45.839	44.319
	4	48.000	47.525	45.402	45.166	43.093
	5	48.000	47.470	44.752	44.502	41.866
50	1.5	50.000	49.764	49.026	48.866	48.160
	2	50.000	49.720	48.701	48.521	47.546
	3	50.000	49.625	48.051	47.839	46.319
52	1.5	52.000	51.764	51.026	50.866	50.160
	2	52.000	51.720	50.701	50.521	49.546
	3	52.000	51.625	50.051	49.839	48.319
	4	52.000	51.525	49.402	49.166	47.093
	5	52.000	51.470	48.752	48.502	45.866

表 7 (续)

单位为毫米

公称直径 d	螺距 P	大径		中径		小径 (参考) $d_{3\max}$
		d_{\max}	d_{\min}	$d_{2\max}$	$d_{2\min}$	
55	1.5	55.000	54.764	54.026	53.866	53.160
	2	55.000	54.720	53.701	53.521	52.546
	3	55.000	54.625	53.051	52.839	51.319
	4	55.000	54.525	52.402	52.166	50.093
56	1.5	56.000	55.764	55.026	54.866	54.160
	2	56.000	55.720	54.701	54.521	53.546
	3	56.000	55.625	54.051	53.839	52.319
	4	56.000	55.525	53.402	53.166	51.093
	5.5	56.000	55.440	52.428	52.163	49.252
58	1.5	58.000	57.764	57.026	56.866	56.160
	2	58.000	57.720	56.701	56.521	55.546
	3	58.000	57.625	56.051	55.839	54.319
	4	58.000	57.525	55.402	55.166	53.093
60	1.5	60.000	59.764	59.026	58.866	58.160
	2	60.000	59.720	58.701	58.521	57.546
	3	60.000	59.625	58.051	57.839	56.319
	4	60.000	59.525	57.402	57.166	55.093
	5.5	60.000	59.440	56.428	56.163	53.252
62	1.5	62.000	61.764	61.026	60.866	60.160
	2	62.000	61.720	60.701	60.521	59.546
	3	62.000	61.625	60.051	59.839	58.319
	4	62.000	61.525	59.402	59.166	57.093
64	1.5	64.000	63.764	63.026	62.866	62.160
	2	64.000	63.720	62.701	62.521	61.546
	3	64.000	63.625	62.051	61.839	60.319
	4	64.000	63.525	61.402	61.166	59.093
	6	64.000	63.400	60.103	59.823	56.639
65	1.5	65.000	64.764	64.026	63.866	63.160
	2	65.000	64.720	63.701	63.521	62.546
	3	65.000	64.625	63.051	62.839	61.319
	4	65.000	64.525	62.402	62.166	60.093

表 7 (续)

单位为毫米

公称直径 d	螺距 P	大径		中径		小径 (参考) d_{3max}
		d_{max}	d_{min}	d_{2max}	d_{2min}	
68	1.5	68.000	67.764	67.026	66.866	66.160
	2	68.000	67.720	66.701	66.521	65.546
	3	68.000	67.625	66.051	65.839	64.319
	4	68.000	67.525	65.402	65.166	63.093
	6	68.000	67.400	64.103	63.823	60.639
70	1.5	70.000	69.764	69.026	68.866	68.160
	2	70.000	69.720	68.701	68.521	67.546
	3	70.000	69.625	68.051	67.839	66.319
	4	70.000	69.525	67.402	67.166	65.093
	6	70.000	69.400	66.103	65.823	62.639
72	1.5	72.000	71.764	71.026	70.866	70.160
	2	72.000	71.720	70.701	70.521	69.546
	3	72.000	71.625	70.051	69.839	68.319
	4	72.000	71.525	69.402	69.166	67.093
	6	72.000	71.400	68.103	67.823	64.639
75	1.5	75.000	74.764	74.026	73.866	73.160
	2	75.000	74.720	73.701	73.521	72.546
	3	75.000	74.625	73.051	72.839	71.319
	4	75.000	74.525	72.402	72.166	70.093
76	1.5	76.000	75.764	75.026	74.866	74.160
	2	76.000	75.720	74.701	74.521	73.546
	3	76.000	75.625	74.051	73.839	72.319
	4	76.000	75.525	73.402	73.166	71.093
	6	76.000	75.400	72.103	71.823	68.639
78	2	78.000	77.720	76.701	76.521	75.546
80	1.5	80.000	79.764	79.026	78.866	78.160
	2	80.000	79.720	78.701	78.521	77.546
	3	80.000	79.625	78.051	77.839	76.319
	4	80.000	79.525	77.402	77.166	75.093
	6	80.000	79.400	76.103	75.823	72.639
82	2	82.000	81.720	80.701	80.521	79.546
85	2	85.000	84.720	83.701	83.521	82.546
	3	85.000	84.625	83.051	82.839	81.319
	4	85.000	84.525	82.402	82.166	80.093
	6	85.000	84.400	81.103	80.823	77.639

表 7 (续)

单位为毫米

公称直径 d	螺距 P	大径		中径		小径 (参考) d_{3max}
		d_{max}	d_{min}	d_{2max}	d_{2min}	
90	2	90.000	89.720	88.701	88.521	87.546
	3	90.000	89.625	88.051	87.839	86.319
	4	90.000	89.525	87.402	87.166	85.093
	6	90.000	89.400	86.103	85.823	82.639
95	2	95.000	94.720	93.701	93.511	92.546
	3	95.000	94.625	93.051	92.827	91.319
	4	95.000	94.525	92.402	92.152	90.093
	6	95.000	94.400	91.103	90.803	87.639
100	2	100.000	99.720	98.701	98.511	97.546
	3	100.000	99.625	98.051	97.827	96.319
	4	100.000	99.525	97.402	97.152	95.093
	6	100.000	99.400	96.103	95.803	92.639

表 8 6g 外螺纹的极限尺寸

单位为毫米

公称直径 d	螺距 P	大径		中径		小径 (参考) d_{3max}
		d_{max}	d_{min}	d_{2max}	d_{2min}	
1	0.2	0.983	0.927	0.853	0.805	0.738
	0.25	0.982	0.915	0.820	0.767	0.675
1.1	0.2	1.083	1.027	0.953	0.905	0.838
	0.25	1.082	1.015	0.920	0.867	0.775
1.2	0.2	1.183	1.127	1.053	1.005	0.938
	0.25	1.182	1.115	1.020	0.967	0.875
1.4	0.2	1.383	1.327	1.253	1.205	1.138
	0.3	1.382	1.307	1.187	1.131	1.014
1.6	0.2	1.583	1.527	1.453	1.403	1.338
	0.35	1.581	1.496	1.354	1.291	1.152
1.8	0.2	1.783	1.727	1.653	1.603	1.538
	0.35	1.781	1.696	1.554	1.491	1.352
2	0.25	1.982	1.915	1.820	1.764	1.675
	0.4	1.981	1.886	1.721	1.654	1.490
2.2	0.25	2.182	2.115	2.020	1.964	1.875
	0.45	2.180	2.080	1.888	1.817	1.628
2.5	0.35	2.481	2.396	2.254	2.191	2.052
	0.45	2.480	2.380	2.188	2.117	1.928

表 8 (续)

单位为毫米

公称直径 d	螺距 P	大径		中径		小径 (参考)
		d_{\max}	d_{\min}	$d_{2\max}$	$d_{2\min}$	$d_{3\max}$
3	0.35	2.981	2.896	2.754	2.687	2.552
	0.5	2.980	2.874	2.655	2.580	2.367
3.5	0.35	3.481	3.396	3.254	3.187	3.052
	0.6	3.479	3.354	3.089	3.004	2.743
4	0.5	3.980	3.874	3.655	3.580	3.367
	0.7	3.978	3.838	3.523	3.433	3.119
4.5	0.5	4.480	4.374	4.155	4.080	3.867
	0.75	4.478	4.338	3.991	3.901	3.558
5	0.5	4.980	4.874	4.655	4.580	4.367
	0.8	4.976	4.826	4.456	4.361	3.995
5.5	0.5	5.480	5.374	5.155	5.080	4.867
6	0.75	5.978	5.838	5.491	5.391	5.058
	1	5.974	5.794	5.324	5.212	4.747
7	0.75	6.978	6.838	6.491	6.391	6.058
	1	6.974	6.794	6.324	6.212	5.747
8	0.75	7.978	7.838	7.491	7.391	7.058
	1	7.974	7.794	7.324	7.212	6.747
	1.25	7.972	7.760	7.160	7.042	6.438
9	0.75	8.978	8.838	8.491	8.391	8.058
	1	8.974	8.794	8.324	8.212	7.747
	1.25	8.972	8.760	8.160	8.042	7.438
10	0.75	9.978	9.838	9.491	9.391	9.058
	1	9.974	9.794	9.324	9.212	8.747
	1.25	9.972	9.760	9.160	9.042	8.438
	1.5	9.968	9.732	8.994	8.862	8.128
11	0.75	10.978	10.838	10.491	10.391	10.058
	1	10.974	10.794	10.324	10.212	9.747
	1.5	10.968	10.732	9.994	9.862	9.128
12	1	11.974	11.794	11.324	11.206	10.747
	1.25	11.972	11.760	11.160	11.028	10.438
	1.5	11.968	11.732	10.994	10.854	10.128
	1.75	11.966	11.701	10.829	10.679	9.819

表 8 (续)

单位为毫米

公称直径 d	螺距 P	大径		中径		小径 (参考) $d_{3\max}$
		d_{\max}	d_{\min}	$d_{2\max}$	$d_{2\min}$	
14	1	13.974	13.794	13.324	13.206	12.747
	1.5	13.968	13.732	12.994	12.854	12.128
	2	13.962	13.682	12.663	12.503	11.508
15	1	14.974	14.794	14.324	14.206	13.747
	1.5	14.968	14.732	13.994	13.854	13.128
16	1	15.974	15.794	15.324	15.206	14.747
	1.5	15.968	15.732	14.994	14.854	14.128
	2	15.962	15.682	14.663	14.503	13.508
17	1	16.974	16.794	16.324	16.206	15.747
	1.5	16.968	16.732	15.994	15.854	15.128
18	1	17.974	17.794	17.324	17.206	16.747
	1.5	17.968	17.732	16.994	16.854	16.128
	2	17.962	17.682	16.663	16.503	15.508
	2.5	17.958	17.623	16.334	16.164	14.891
20	1	19.974	19.794	19.324	19.206	18.747
	1.5	19.968	19.732	18.994	18.854	18.128
	2	19.962	19.682	18.663	18.503	17.508
	2.5	19.958	19.623	18.334	18.164	16.891
22	1	21.974	21.794	21.324	21.206	20.747
	1.5	21.968	21.732	20.994	20.854	20.128
	2	21.962	21.682	20.663	20.503	19.508
	2.5	21.958	21.623	20.334	20.164	18.891
24	1	23.974	23.794	23.324	23.199	22.747
	1.5	23.968	23.732	22.994	22.844	22.128
	2	23.962	23.682	22.663	22.493	21.508
	3	23.952	23.577	22.003	21.803	20.271
25	1	24.974	24.794	24.324	24.199	23.747
	1.5	24.968	24.732	23.994	23.844	23.128
	2	24.962	24.682	23.663	23.493	22.508
26	1.5	25.968	25.732	24.994	24.844	24.128
27	1	26.974	26.794	26.324	26.199	25.747
	1.5	26.968	26.732	25.994	25.844	25.128
	2	26.962	26.682	25.663	25.493	24.508
	3	26.952	26.577	25.003	24.803	23.271

表 8 (续)

单位为毫米

公称直径 d	螺距 P	大径		中径		小径 (参考) $d_{3\max}$
		d_{\max}	d_{\min}	$d_{2\max}$	$d_{2\min}$	
28	1	27.974	27.794	27.324	27.199	26.747
	1.5	27.968	27.732	26.994	26.844	26.128
	2	27.962	27.682	26.663	26.493	25.508
30	1	29.974	29.794	29.324	29.199	28.747
	1.5	29.968	29.732	28.994	28.844	28.128
	2	29.962	29.682	28.663	28.493	27.508
	3	29.952	29.577	28.003	27.803	26.271
	3.5	29.947	29.522	27.674	27.462	25.653
32	1.5	31.968	31.732	30.994	30.844	30.128
	2	31.962	31.682	30.663	30.493	29.508
33	1.5	32.968	32.732	31.994	31.844	31.128
	2	32.962	32.682	31.663	31.493	30.508
	3	32.952	32.577	31.003	30.803	29.271
	3.5	32.947	32.522	30.674	30.462	28.653
36	1.5	35.968	35.732	34.994	34.844	34.128
	2	35.962	35.682	34.663	34.493	33.508
	3	35.952	35.577	34.003	33.803	32.271
	4	35.940	35.465	33.342	33.118	31.033
38	1.5	37.968	37.732	36.994	36.844	36.128
39	1.5	38.968	38.732	37.994	37.844	37.128
	2	38.962	38.682	37.663	37.493	36.508
	3	38.952	38.577	37.003	36.803	35.271
	4	38.940	38.465	36.342	36.118	34.033
40	1.5	39.968	39.732	38.994	38.844	38.128
	2	39.962	39.682	38.663	38.493	37.508
	3	39.952	39.577	38.003	37.803	36.271
42	1.5	41.968	41.732	40.994	40.844	40.128
	2	41.962	41.682	40.663	40.493	39.508
	3	41.952	41.577	40.003	39.803	38.271
	4	41.940	41.465	39.342	39.118	37.033
	4.5	41.937	41.437	39.014	38.778	36.416
45	1.5	44.968	44.732	43.994	43.844	43.128
	2	44.962	44.682	43.663	43.493	42.508
	3	44.952	44.577	43.003	42.803	41.271
	4	44.940	44.465	42.342	42.118	40.033
	4.5	44.937	44.437	42.014	41.778	39.416

表 8 (续)

单位为毫米

公称直径 d	螺距 P	大径		中径		小径 (参考)
		d_{\max}	d_{\min}	$d_{2\max}$	$d_{2\min}$	$d_{3\max}$
48	1.5	47.968	47.732	46.994	46.834	46.128
	2	47.962	47.682	46.663	46.483	45.508
	3	47.952	47.577	46.003	45.791	44.271
	4	47.940	47.465	45.342	45.106	43.033
	5	47.929	47.399	44.681	44.431	41.795
50	1.5	49.968	49.732	48.994	48.834	48.128
	2	49.962	49.682	48.663	48.483	47.508
	3	49.952	49.577	48.003	47.791	46.271
52	1.5	51.968	51.732	50.994	50.834	50.128
	2	51.962	51.682	50.663	50.483	49.508
	3	51.952	51.577	50.003	49.791	48.271
	4	51.940	51.465	49.342	49.106	47.033
	5	51.929	51.399	48.681	48.431	45.795
55	1.5	54.968	54.732	53.994	53.834	53.128
	2	54.962	54.682	53.663	53.483	52.508
	3	54.952	54.577	53.003	52.791	51.271
	4	54.940	54.465	52.342	52.106	50.033
56	1.5	55.968	55.732	54.994	54.834	54.128
	2	55.962	55.682	54.663	54.483	53.508
	3	55.952	55.577	54.003	53.791	52.271
	4	55.940	55.465	53.342	53.106	51.033
	5.5	55.925	55.365	52.353	52.088	49.177
58	1.5	57.968	57.732	56.994	56.834	56.128
	2	57.962	57.682	56.663	56.483	55.508
	3	57.952	57.577	56.003	55.791	54.271
	4	57.940	57.465	55.342	55.106	53.033
60	1.5	59.968	59.732	58.994	58.834	58.128
	2	59.962	59.682	58.663	58.483	57.508
	3	59.952	59.577	58.003	57.791	56.271
	4	59.940	59.465	57.342	57.106	55.033
	5.5	59.925	59.365	56.353	56.088	53.177

表 8 (续)

单位为毫米

公称直径 d	螺距 P	大径		中径		小径 (参考) $d_{3\max}$
		d_{\max}	d_{\min}	$d_{2\max}$	$d_{2\min}$	
62	1.5	61.968	61.732	60.994	60.834	60.128
	2	61.962	61.682	60.663	60.483	59.508
	3	61.952	61.577	60.003	59.791	58.271
	4	61.940	61.465	59.342	59.106	57.033
64	1.5	63.968	63.732	62.994	62.834	62.128
	2	63.962	63.682	62.663	62.483	61.508
	3	63.952	63.577	62.003	61.791	60.271
	4	63.940	63.465	61.342	61.106	59.033
	6	63.920	63.320	60.023	59.743	56.559
65	1.5	64.968	64.732	63.994	63.834	63.128
	2	64.962	64.682	63.663	63.483	62.508
	3	64.952	64.577	63.003	62.791	61.271
	4	64.940	64.465	62.342	62.106	60.033
68	1.5	67.968	67.732	66.994	66.834	66.128
	2	67.962	67.682	66.663	66.483	65.508
	3	67.952	67.577	66.003	65.791	64.271
	4	67.940	67.465	65.342	65.106	63.033
	6	67.920	67.320	64.023	63.743	60.559
70	1.5	69.968	69.732	68.994	68.834	68.128
	2	69.962	69.682	68.663	68.483	67.508
	3	69.952	69.577	68.003	67.791	66.271
	4	69.940	69.465	67.342	67.106	65.033
	6	69.920	69.320	66.023	65.743	62.559
72	1.5	71.968	71.732	70.994	70.834	70.128
	2	71.962	71.682	70.663	70.483	69.508
	3	71.952	71.577	70.003	69.791	68.271
	4	71.940	71.465	69.342	69.106	67.033
	6	71.920	71.320	68.023	67.743	64.559
75	1.5	74.968	74.732	73.994	73.834	73.128
	2	74.962	74.682	73.663	73.483	72.508
	3	74.952	74.577	73.003	72.791	71.271
	4	74.940	74.465	72.342	72.106	70.033

表 8 (续)

单位为毫米

公称直径 d	螺距 P	大径		中径		小径 (参考)
		d_{\max}	d_{\min}	$d_{2\max}$	$d_{2\min}$	$d_{3\max}$
76	1.5	75.968	75.732	74.994	74.834	74.128
	2	75.962	75.682	74.663	74.483	73.508
	3	75.952	75.577	74.003	73.791	72.271
	4	75.940	75.465	73.342	73.106	71.033
	6	75.920	75.320	72.023	71.743	68.559
78	2	77.962	77.682	76.663	76.483	75.508
80	1.5	79.968	79.732	78.994	78.834	78.128
	2	79.962	79.682	78.663	78.483	77.508
	3	79.952	79.577	78.003	77.791	76.271
	4	79.940	79.465	77.342	77.106	75.033
	6	79.920	79.320	76.023	75.743	72.559
82	2	81.962	81.682	80.663	80.483	79.508
85	2	84.962	84.682	83.663	83.483	82.508
	3	84.952	84.577	83.003	82.791	81.271
	4	84.940	84.465	82.342	82.106	80.033
	6	84.920	84.320	81.023	80.743	77.559
90	2	89.962	89.682	88.663	88.483	87.508
	3	89.952	89.577	88.003	87.791	86.271
	4	89.940	89.465	87.342	87.106	85.033
	6	89.920	89.320	86.023	85.743	82.559
95	2	94.962	94.682	93.663	93.473	92.508
	3	94.952	94.577	93.003	92.779	91.271
	4	94.940	94.465	92.342	92.092	90.033
	6	94.920	94.320	91.023	90.723	87.559
100	2	99.962	99.682	98.663	98.473	97.508
	3	99.952	99.577	98.003	97.779	96.271
	4	99.940	99.465	97.342	97.092	95.033
	6	99.920	99.320	96.023	95.723	92.559
105	2	104.962	104.682	103.663	103.473	102.508
	3	104.952	104.577	103.003	102.779	101.271
	4	104.940	104.465	102.342	102.092	100.033
	6	104.920	104.320	101.023	100.723	97.559

表 8 (续)

单位为毫米

公称直径 d	螺距 P	大径		中径		小径 (参考) $d_{3\max}$
		d_{\max}	d_{\min}	$d_{2\max}$	$d_{2\min}$	
110	2	109.962	109.682	108.663	108.473	107.508
	3	109.952	109.577	108.003	107.779	106.271
	4	109.940	109.465	107.342	107.092	105.033
	6	109.920	109.320	106.023	105.723	102.559
115	2	114.962	114.682	113.663	113.473	112.508
	3	114.952	114.577	113.003	112.779	111.271
	4	114.940	114.465	112.342	112.092	110.033
	6	114.920	114.320	111.023	110.723	107.559
120	2	119.962	119.682	118.663	118.473	117.508
	3	119.952	119.577	118.003	117.779	116.271
	4	119.940	119.465	117.342	117.092	115.033
	6	119.920	119.320	116.023	115.723	112.559
125	2	124.962	124.682	123.663	123.473	122.508
	3	124.952	124.577	123.003	122.779	121.271
	4	124.940	124.465	122.342	122.092	120.033
	6	124.920	124.320	121.023	120.723	117.559
	8	124.900	124.190	119.704	119.369	115.085
130	2	129.962	129.682	128.663	128.473	127.508
	3	129.952	129.577	128.003	127.779	126.271
	4	129.940	129.465	127.342	127.092	125.033
	6	129.920	129.320	126.023	125.723	122.559
	8	129.900	129.190	124.704	124.369	120.085
135	2	134.962	134.682	133.663	133.473	132.508
	3	134.952	134.577	133.003	132.779	131.271
	4	134.940	134.465	132.342	132.092	130.033
	6	134.920	134.320	131.023	130.723	127.559
140	2	139.962	139.682	138.663	138.473	137.508
	3	139.952	139.577	138.003	137.779	136.271
	4	139.940	139.465	137.342	137.092	135.033
	6	139.920	139.320	136.023	135.723	132.559
	8	139.900	139.190	134.704	134.369	130.085
145	2	144.962	144.682	143.663	143.473	142.508
	3	144.952	144.577	143.003	142.779	141.271
	4	144.940	144.465	142.342	142.092	140.033
	6	144.920	144.320	141.023	140.723	137.559

表 8 (续)

单位为毫米

公称直径 d	螺距 P	大径		中径		小径 (参考) $d_{3\max}$
		d_{\max}	d_{\min}	$d_{2\max}$	$d_{2\min}$	
150	2	149.962	149.682	148.663	148.473	147.508
	3	149.952	149.577	148.003	147.779	146.271
	4	149.940	149.465	147.342	147.092	145.033
	6	149.920	149.320	146.023	145.723	142.559
	8	149.900	149.190	144.704	144.369	140.085
155	3	154.952	154.577	153.003	152.779	151.271
	4	154.940	154.465	152.342	152.092	150.033
	6	154.920	154.320	151.023	150.723	147.559
160	3	159.952	159.577	158.003	157.779	156.271
	4	159.940	159.465	157.342	157.092	155.033
	6	159.920	159.320	156.023	155.723	152.559
	8	159.900	159.190	154.704	154.369	150.085
165	3	164.952	164.577	163.003	162.779	161.271
	4	164.940	164.465	162.342	162.092	160.033
	6	164.920	164.320	161.023	160.723	157.559
170	3	169.952	169.577	168.003	167.779	166.271
	4	169.940	169.465	167.342	167.092	165.033
	6	169.920	169.320	166.023	165.723	162.559
	8	169.900	169.190	164.704	164.369	160.085
175	3	174.952	174.577	173.003	172.779	171.271
	4	174.940	174.465	172.342	172.092	170.033
	6	174.920	174.320	171.023	170.723	167.559
180	3	179.952	179.577	178.003	177.779	176.271
	4	179.940	179.465	177.342	177.092	175.033
	6	179.920	179.320	176.023	175.723	172.559
	8	179.900	179.190	174.704	174.369	170.085
185	3	184.952	184.577	183.003	182.753	181.271
	4	184.940	184.465	182.342	182.062	180.033
	6	184.920	184.320	181.023	180.708	177.559
190	3	189.952	189.577	188.003	187.753	186.271
	4	189.940	189.465	187.342	187.062	185.033
	6	189.920	189.320	186.023	185.708	182.559
	8	189.900	189.190	184.704	184.349	180.085

表 8 (续)

单位为毫米

公称直径 d	螺距 P	大径		中径		小径 (参考) $d_{3\max}$
		d_{\max}	d_{\min}	$d_{2\max}$	$d_{2\min}$	
195	3	194.952	194.577	193.003	192.753	191.271
	4	194.940	194.465	192.342	192.062	190.033
	6	194.920	194.320	191.023	190.708	187.559
200	3	199.952	199.577	198.003	197.753	196.271
	4	199.940	199.465	197.342	197.062	195.033
	6	199.920	199.320	196.023	195.708	192.559
	8	199.900	199.190	194.704	194.349	190.085
205	3	204.952	204.577	203.003	202.753	201.271
	4	204.940	204.465	202.342	202.062	200.033
	6	204.920	204.320	201.023	200.708	197.559
210	3	209.952	209.577	208.003	207.753	206.271
	4	209.940	209.465	207.342	207.062	205.033
	6	209.920	209.320	206.023	205.708	202.559
	8	209.900	209.190	204.704	204.349	200.085
215	3	214.952	214.577	213.003	212.753	211.271
	4	214.940	214.465	212.342	212.062	210.033
	6	214.920	214.320	211.023	210.708	207.559
220	3	219.952	219.577	218.003	217.753	216.271
	4	219.940	219.465	217.342	217.062	215.033
	6	219.920	219.320	216.023	215.708	212.559
	8	219.900	219.190	214.704	214.349	210.085
225	3	224.952	224.577	223.003	222.753	221.271
	4	224.940	224.465	222.342	222.062	220.033
	6	224.920	224.320	221.023	220.708	217.559
230	3	229.952	229.577	228.003	227.753	226.271
	4	229.940	229.465	227.342	227.062	225.033
	6	229.920	229.320	226.023	225.708	222.559
	8	229.900	229.190	224.704	224.349	220.085
235	3	234.952	234.577	233.003	232.753	231.271
	4	234.940	234.465	232.342	232.062	230.033
	6	234.920	234.320	231.023	230.708	227.559
240	3	239.952	239.577	238.003	237.753	236.271
	4	239.940	239.465	237.342	237.062	235.033
	6	239.920	239.320	236.023	235.708	232.559
	8	239.900	239.190	234.704	234.349	230.085

表 8 (续)

单位为毫米

公称直径 d	螺距 P	大径		中径		小径 (参考)
		d_{\max}	d_{\min}	$d_{2\max}$	$d_{2\min}$	$d_{3\max}$
245	3	244.952	244.577	243.003	242.753	241.271
	4	244.940	244.465	242.342	242.062	240.033
	6	244.920	244.320	241.023	240.708	237.559
250	3	249.952	249.577	248.003	247.753	246.271
	4	249.940	249.465	247.342	247.062	245.033
	6	249.920	249.320	246.023	245.708	242.559
	8	249.900	249.190	244.704	244.349	240.085
255	4	254.940	254.465	252.342	252.062	250.033
	6	254.920	254.320	251.023	250.708	247.559
260	4	259.940	259.465	257.342	257.062	255.033
	6	259.920	259.320	256.023	255.708	252.559
	8	259.900	259.190	254.704	254.349	250.085
265	4	264.940	264.465	262.342	262.062	260.033
	6	264.920	264.320	261.023	260.708	257.559
270	4	269.940	269.465	267.342	267.062	265.033
	6	269.920	269.320	266.023	265.708	262.559
	8	269.900	269.190	264.704	264.349	260.085
275	4	274.940	274.465	272.342	272.062	270.033
	6	274.920	274.320	271.023	270.708	267.559
280	4	279.940	279.465	277.342	277.062	275.033
	6	279.920	279.320	276.023	275.708	272.559
	8	279.900	279.190	274.704	274.349	270.085
285	4	284.940	284.465	282.342	282.062	280.033
	6	284.920	284.320	281.023	280.708	277.559
290	4	289.940	289.465	287.342	287.062	285.033
	6	289.920	289.320	286.023	285.708	282.559
	8	289.900	289.190	284.704	284.349	280.085
295	4	294.940	294.465	292.342	292.062	290.033
	6	294.920	294.320	291.023	290.708	287.559
300	4	299.940	299.465	297.342	297.062	295.033
	6	299.920	299.320	296.023	295.708	292.559
	8	299.900	299.190	294.704	294.349	290.085

表 9 6f 外螺纹的极限尺寸

单位为毫米

公称直径 d	螺距 P	大径		中径		小径 (参考) d_{3max}
		d_{max}	d_{min}	d_{2max}	d_{2min}	
1.6	0.35	1.566	1.481	1.339	1.276	1.137
1.8	0.35	1.766	1.681	1.539	1.476	1.337
2	0.4	1.966	1.871	1.706	1.639	1.475
2.2	0.45	2.165	2.065	1.873	1.802	1.613
2.5	0.35	2.466	2.381	2.239	2.176	2.037
	0.45	2.465	2.365	2.173	2.102	1.913
3	0.35	2.966	2.881	2.739	2.672	2.537
	0.5	2.964	2.858	2.639	2.564	2.351
3.5	0.35	3.466	3.381	3.239	3.172	3.037
	0.6	3.464	3.339	3.074	2.989	2.728
4	0.5	3.964	3.858	3.639	3.564	3.351
	0.7	3.962	3.822	3.507	3.417	3.103
4.5	0.5	4.464	4.358	4.139	4.064	3.851
	0.75	4.462	4.322	3.975	3.885	3.542
5	0.5	4.964	4.858	4.639	4.564	4.351
	0.8	4.962	4.812	4.442	4.347	3.981
5.5	0.5	5.464	5.358	5.139	5.064	4.851
6	0.75	5.962	5.822	5.475	5.375	5.042
	1	5.960	5.780	5.310	5.198	4.733
7	0.75	6.962	6.822	6.475	6.375	6.042
	1	6.960	6.780	6.310	6.198	5.733
8	0.75	7.962	7.822	7.475	7.375	7.042
	1	7.960	7.780	7.310	7.198	6.733
	1.25	7.958	7.746	7.146	7.028	6.424
9	0.75	8.962	8.822	8.475	8.375	8.042
	1	8.960	8.780	8.310	8.198	7.733
	1.25	8.958	8.746	8.146	8.028	7.424
10	0.75	9.962	9.822	9.475	9.375	9.042
	1	9.960	9.780	9.310	9.198	8.733
	1.25	9.958	9.746	9.146	9.028	8.424
	1.5	9.955	9.719	8.981	8.849	8.115
11	0.75	10.962	10.822	10.475	10.375	10.042
	1	10.960	10.780	10.310	10.198	9.733
	1.5	10.955	10.719	9.981	9.849	9.115

表 9 (续)

单位为毫米

公称直径 d	螺距 P	大径		中径		小径 (参考)
		d_{\max}	d_{\min}	$d_{2\max}$	$d_{2\min}$	$d_{3\max}$
12	1	11.960	11.780	11.310	11.192	10.733
	1.25	11.958	11.746	11.146	11.014	10.424
	1.5	11.955	11.719	10.981	10.841	10.115
	1.75	11.952	11.687	10.815	10.665	9.805
14	1	13.960	13.780	13.310	13.192	12.733
	1.5	13.955	13.719	12.981	12.841	12.115
	2	13.948	13.668	12.649	12.489	11.494
15	1	14.960	14.780	14.310	14.192	13.733
	1.5	14.955	14.719	13.981	13.841	13.115
16	1	15.960	15.780	15.310	15.192	14.733
	1.5	15.955	15.719	14.981	14.841	14.115
	2	15.948	15.668	14.649	14.489	13.494
17	1	16.960	16.780	16.310	16.192	15.733
	1.5	16.955	16.719	15.981	15.841	15.115
18	1	17.960	17.780	17.310	17.192	16.733
	1.5	17.955	17.719	16.981	16.841	16.115
	2	17.948	17.668	16.649	16.489	15.494
	2.5	17.942	17.607	16.318	16.148	14.875
20	1	19.960	19.780	19.310	19.192	18.733
	1.5	19.955	19.719	18.981	18.841	18.115
	2	19.948	19.668	18.649	18.489	17.494
	2.5	19.942	19.607	18.318	18.148	16.875
22	1	21.960	21.780	21.310	21.192	20.733
	1.5	21.955	21.719	20.981	20.841	20.115
	2	21.948	21.668	20.649	20.489	19.494
	2.5	21.942	21.607	20.318	20.148	18.875
24	1	23.960	23.780	23.310	23.185	22.733
	1.5	23.955	23.719	22.981	22.831	22.115
	2	23.948	23.668	22.649	22.479	21.494
	3	23.937	23.562	21.988	21.788	20.256
25	1	24.960	24.780	24.310	24.185	23.733
	1.5	24.955	24.719	23.981	23.831	23.115
	2	24.948	24.668	23.649	23.479	22.494

表 9 (续)

单位为毫米

公称直径 d	螺距 P	大径		中径		小径 (参考) d_{3max}
		d_{max}	d_{min}	d_{2max}	d_{2min}	
26	1.5	25.955	25.719	24.981	24.831	24.115
27	1	26.960	26.780	26.310	26.185	25.733
	1.5	26.955	26.719	25.981	25.831	25.115
	2	26.948	26.668	25.649	25.479	24.494
	3	26.937	26.562	24.988	24.788	23.256
28	1	27.960	27.780	27.310	27.185	26.733
	1.5	27.955	27.719	26.981	26.831	26.115
	2	27.948	27.668	26.649	26.479	25.494
30	1	29.960	29.780	29.310	29.185	28.733
	1.5	29.955	29.719	28.981	28.831	28.115
	2	29.948	29.668	28.649	28.479	27.494
	3	29.937	29.562	27.988	27.788	26.256
	3.5	29.930	29.505	27.657	27.445	25.636
32	1.5	31.955	31.719	30.981	30.831	30.115
	2	31.948	31.668	30.649	30.479	29.494
33	1.5	32.955	32.719	31.981	31.831	31.115
	2	32.948	32.668	31.649	31.479	30.494
	3	32.937	32.562	30.988	30.788	29.256
	3.5	32.930	32.505	30.657	30.445	28.636
36	1.5	35.955	35.719	34.981	34.831	34.115
	2	35.948	35.668	34.649	34.479	33.494
	3	35.937	35.562	33.988	33.788	32.256
	4	35.925	35.450	33.327	33.103	31.018
38	1.5	37.955	37.719	36.981	36.831	36.115
39	1.5	38.955	38.719	37.981	37.831	37.115
	2	38.948	38.668	37.649	37.479	36.494
	3	38.937	38.562	36.988	36.788	35.256
	4	38.925	38.450	36.327	36.103	34.018
40	1.5	39.955	39.719	38.981	38.831	38.115
	2	39.948	39.668	38.649	38.479	37.494
	3	39.937	39.562	37.988	37.788	36.256

表 9 (续)

单位为毫米

公称直径 d	螺距 P	大径		中径		小径 (参考)
		d_{\max}	d_{\min}	$d_{2\max}$	$d_{2\min}$	$d_{3\max}$
42	1.5	41.955	41.719	40.981	40.831	40.115
	2	41.948	41.668	40.649	40.479	39.494
	3	41.937	41.562	39.988	39.788	38.256
	4	41.925	41.450	39.327	39.103	37.018
	4.5	41.920	41.420	38.997	38.761	36.399
45	1.5	44.955	44.719	43.981	43.831	43.115
	2	44.948	44.668	43.649	43.479	42.494
	3	44.937	44.562	42.988	42.788	41.256
	4	44.925	44.450	42.327	42.103	40.018
	4.5	44.920	44.420	41.997	41.761	39.399
48	1.5	47.955	47.719	46.981	46.821	46.115
	2	47.948	47.668	46.649	46.469	45.494
	3	47.937	47.562	45.988	45.776	44.256
	4	47.925	47.450	45.327	45.091	43.018
	5	47.915	47.385	44.667	44.417	41.781
50	1.5	49.955	49.719	48.981	48.821	48.115
	2	49.948	49.668	48.649	48.469	47.494
	3	49.937	49.562	47.988	47.776	46.256
52	1.5	51.955	51.719	50.981	50.821	50.115
	2	51.948	51.668	50.649	50.469	49.494
	3	51.937	51.562	49.988	49.776	48.256
	4	51.925	51.450	49.327	49.091	47.018
	5	51.915	51.385	48.667	48.417	45.781
55	1.5	54.955	54.719	53.981	53.821	53.115
	2	54.948	54.668	53.649	53.469	52.494
	3	54.937	54.562	52.988	52.776	51.256
	4	54.925	54.450	52.327	52.091	50.018
56	1.5	55.955	55.719	54.981	54.821	54.115
	2	55.948	55.668	54.649	54.469	53.494
	3	55.937	55.562	53.988	53.776	52.256
	4	55.925	55.450	53.327	53.091	51.018
	5.5	55.910	55.350	52.338	52.073	49.162

表 9 (续)

单位为毫米

公称直径 d	螺距 P	大径		中径		小径 (参考)
		d_{\max}	d_{\min}	$d_{2\max}$	$d_{2\min}$	$d_{3\max}$
58	1.5	57.955	57.719	56.981	56.821	56.115
	2	57.948	57.668	56.649	56.469	55.494
	3	57.937	57.562	55.988	55.776	54.256
	4	57.925	57.450	55.327	55.091	53.018
60	1.5	59.955	59.719	58.981	58.821	58.115
	2	59.948	59.668	58.649	58.469	57.494
	3	59.937	59.562	57.988	57.776	56.256
	4	59.925	59.450	57.327	57.091	55.018
	5.5	59.910	59.350	56.338	56.073	53.162
62	1.5	61.955	61.719	60.981	60.821	60.115
	2	61.948	61.668	60.649	60.469	59.494
	3	61.937	61.562	59.988	59.776	58.256
	4	61.925	61.450	59.327	59.091	57.018
64	1.5	63.955	63.719	62.981	62.821	62.115
	2	63.948	63.668	62.649	62.469	61.494
	3	63.937	63.562	61.988	61.776	60.256
	4	63.925	63.450	61.327	61.091	59.018
	6	63.905	63.305	60.008	59.728	56.544
65	1.5	64.955	64.719	63.981	63.821	63.115
	2	64.948	64.668	63.649	63.469	62.494
	3	64.937	64.562	62.988	62.776	61.256
	4	64.925	64.450	62.327	62.091	60.018
68	1.5	67.955	67.719	66.981	66.821	66.115
	2	67.948	67.668	66.649	66.469	65.494
	3	67.937	67.562	65.988	65.776	64.256
	4	67.925	67.450	65.327	65.091	63.018
	6	67.905	67.305	64.008	63.728	60.544
70	1.5	69.955	69.719	68.981	68.821	68.115
	2	69.948	69.668	68.649	68.469	67.494
	3	69.937	69.562	67.988	67.776	66.256
	4	69.925	69.450	67.327	67.091	65.018
	6	69.905	69.305	66.008	65.728	62.544

表 9 (续)

单位为毫米

公称直径 d	螺距 P	大 径		中 径		小 径 (参考) d_{3max}
		d_{max}	d_{min}	d_{2max}	d_{2min}	
72	1.5	71.955	71.719	70.981	70.821	70.115
	2	71.948	71.668	70.649	70.469	69.494
	3	71.937	71.562	69.988	69.776	68.256
	4	71.925	71.450	69.327	69.091	67.018
	6	71.905	71.305	68.008	67.728	64.544
75	1.5	74.955	74.719	73.981	73.821	73.115
	2	74.948	74.668	73.649	73.469	72.494
	3	74.937	74.562	72.988	72.776	71.256
	4	74.925	74.450	72.327	72.091	70.018
76	1.5	75.955	75.719	74.981	74.821	74.115
	2	75.948	75.668	74.649	74.469	73.494
	3	75.937	75.562	73.988	73.776	72.256
	4	75.925	75.450	73.327	73.091	71.018
	6	75.905	75.305	72.008	71.728	68.544
78	2	77.948	77.668	76.649	76.469	75.494
80	1.5	79.955	79.719	78.981	78.821	78.115
	2	79.948	79.668	78.649	78.469	77.494
	3	79.937	79.562	77.988	77.776	76.256
	4	79.925	79.450	77.327	77.091	75.018
	6	79.905	79.305	76.008	75.728	72.544
82	2	81.948	81.668	80.649	80.469	79.494
85	2	84.948	84.668	83.649	83.469	82.494
	3	84.937	84.562	82.988	82.776	81.256
	4	84.925	84.450	82.327	82.091	80.018
	6	84.905	84.305	81.008	80.728	77.544
90	2	89.948	89.668	88.649	88.469	87.494
	3	89.937	89.562	87.988	87.776	86.256
	4	89.925	89.450	87.327	87.091	85.018
	6	89.905	89.305	86.008	85.728	82.544
95	2	94.948	94.668	93.649	93.459	92.494
	3	94.937	94.562	92.988	92.764	91.256
	4	94.925	94.450	92.327	92.077	90.018
	6	94.905	94.305	91.008	90.708	87.544

表 9 (续)

单位为毫米

公称直径 d	螺距 P	大径		中径		小径 (参考) d_{3max}
		d_{max}	d_{min}	d_{2max}	d_{2min}	
100	2	99.948	99.668	98.649	98.459	97.494
	3	99.937	99.562	97.988	97.764	96.256
	4	99.925	99.450	97.327	97.077	95.018
	6	99.905	99.305	96.008	95.708	92.544
105	2	104.948	104.668	103.649	103.459	102.494
	3	104.937	104.562	102.988	102.764	101.256
	4	104.925	104.450	102.327	102.077	100.018
	6	104.905	104.305	101.008	100.708	97.544
110	2	109.948	109.668	108.649	108.459	107.494
	3	109.937	109.562	107.988	107.764	106.256
	4	109.925	109.450	107.327	107.077	105.018
	6	109.905	109.305	106.008	105.708	102.544
115	2	114.948	114.668	113.649	113.459	112.494
	3	114.937	114.562	112.988	112.764	111.256
	4	114.925	114.450	112.327	112.077	110.018
	6	114.905	114.305	111.008	110.708	107.544
120	2	119.948	119.668	118.649	118.459	117.494
	3	119.937	119.562	117.988	117.764	116.256
	4	119.925	119.450	117.327	117.077	115.018
	6	119.905	119.305	116.008	115.708	112.544
125	2	124.948	124.668	123.649	123.459	122.494
	3	124.937	124.562	122.988	122.764	121.256
	4	124.925	124.450	122.327	122.077	120.018
	6	124.905	124.305	121.008	120.708	117.544
	8	124.882	124.172	119.686	119.351	115.067
130	2	129.948	129.668	128.649	128.459	127.494
	3	129.937	129.562	127.988	127.764	126.256
	4	129.925	129.450	127.327	127.077	125.018
	6	129.905	129.305	126.008	125.708	122.544
	8	129.882	129.172	124.686	124.351	120.067
135	2	134.948	134.668	133.649	133.459	132.494
	3	134.937	134.562	132.988	132.764	131.256
	4	134.925	134.450	132.327	132.077	130.018
	6	134.905	134.305	131.008	130.708	127.544

表 9 (续)

单位为毫米

公称直径 d	螺距 P	大径		中径		小径 (参考)
		d_{max}	d_{min}	d_{2max}	d_{2min}	d_{3max}
140	2	139.948	139.668	138.649	138.459	137.494
	3	139.937	139.562	137.988	137.764	136.256
	4	139.925	139.450	137.327	137.077	135.018
	6	139.905	139.305	136.008	135.708	132.544
	8	139.882	139.172	134.686	134.351	130.067
145	2	144.948	144.668	143.649	143.459	142.494
	3	144.937	144.562	142.988	142.764	141.256
	4	144.925	144.450	142.327	142.077	140.018
	6	144.905	144.305	141.008	140.708	137.544
150	2	149.948	149.668	148.649	148.459	147.494
	3	149.937	149.562	147.988	147.764	146.256
	4	149.925	149.450	147.327	147.077	145.018
	6	149.905	149.305	146.008	145.708	142.544
	8	149.882	149.172	144.686	144.351	140.067
155	3	154.937	154.562	152.988	152.764	151.256
	4	154.925	154.450	152.327	152.077	150.018
	6	154.905	154.305	151.008	150.708	147.544
160	3	159.937	159.562	157.988	157.764	156.256
	4	159.925	159.450	157.327	157.077	155.018
	6	159.905	159.305	156.008	155.708	152.544
	8	159.882	159.172	154.686	154.351	150.067
165	3	164.937	164.562	162.988	162.764	161.256
	4	164.925	164.450	162.327	162.077	160.018
	6	164.905	164.305	161.008	160.708	157.544
170	3	169.937	169.562	167.988	167.764	166.256
	4	169.925	169.450	167.327	167.077	165.018
	6	169.905	169.305	166.008	165.708	162.544
	8	169.882	169.172	164.686	164.351	160.067
175	3	174.937	174.562	172.988	172.764	171.256
	4	174.925	174.450	172.327	172.077	170.018
	6	174.905	174.305	171.008	170.708	167.544
180	3	179.937	179.562	177.988	177.764	176.256
	4	179.925	179.450	177.327	177.077	175.018
	6	179.905	179.305	176.008	175.708	172.544
	8	179.882	179.172	174.686	174.351	170.067

表 9 (续)

单位为毫米

公称直径 d	螺距 P	大径		中径		小径 (参考) d_{3max}
		d_{max}	d_{min}	d_{2max}	d_{2min}	
185	3	184.937	184.562	182.988	182.738	181.256
	4	184.925	184.450	182.327	182.047	180.018
	6	184.905	184.305	181.008	180.693	177.544
190	3	189.937	189.562	187.988	187.738	186.256
	4	189.925	189.450	187.327	187.047	185.018
	6	189.905	189.305	186.008	185.693	182.544
	8	189.882	189.172	184.686	184.331	180.067
195	3	194.937	194.562	192.988	192.738	191.256
	4	194.925	194.450	192.327	192.047	190.018
	6	194.905	194.305	191.008	190.693	187.544
200	3	199.937	199.562	197.988	197.738	196.256
	4	199.925	199.450	197.327	197.047	195.018
	6	199.905	199.305	196.008	195.693	192.544
	8	199.882	199.172	194.686	194.331	190.067

表 10 6e 外螺纹的极限尺寸

单位为毫米

公称直径 d	螺距 P	大径		中径		小径 (参考) d_{3max}
		d_{max}	d_{min}	d_{2max}	d_{2min}	
3	0.5	2.950	2.844	2.625	2.550	2.337
3.5	0.6	3.447	3.322	3.057	2.972	2.711
4	0.5	3.950	3.844	3.625	3.550	3.337
	0.7	3.944	3.804	3.489	3.399	3.085
4.5	0.5	4.450	4.344	4.125	4.050	3.837
	0.75	4.444	4.304	3.957	3.867	3.524
5	0.5	4.950	4.844	4.625	4.550	4.337
	0.8	4.940	4.790	4.420	4.325	3.959
5.5	0.5	5.450	5.344	5.125	5.050	4.837
6	0.75	5.944	5.804	5.457	5.357	5.024
	1	5.940	5.760	5.290	5.178	4.713
7	0.75	6.944	6.804	6.457	6.357	6.024
	1	6.940	6.760	6.290	6.178	5.713
8	0.75	7.944	7.804	7.457	7.357	7.024
	1	7.940	7.760	7.290	7.178	6.713
	1.25	7.937	7.725	7.125	7.007	6.403

表 10 (续)

单位为毫米

公称直径 d	螺距 P	大径		中径		小径 (参考) d_{3max}
		d_{max}	d_{min}	d_{2max}	d_{2min}	
9	0.75	8.944	8.804	8.457	8.357	8.024
	1	8.940	8.760	8.290	8.178	7.713
	1.25	8.937	8.725	8.125	8.007	7.403
10	0.75	9.944	9.804	9.457	9.357	9.024
	1	9.940	9.760	9.290	9.178	8.713
	1.25	9.937	9.725	9.125	9.007	8.403
	1.5	9.933	9.697	8.959	8.827	8.093
11	0.75	10.944	10.804	10.457	10.357	10.024
	1	10.940	10.760	10.290	10.178	9.713
	1.5	10.933	10.697	9.959	9.827	9.093
12	1	11.940	11.760	11.290	11.172	10.713
	1.25	11.937	11.725	11.125	10.993	10.403
	1.5	11.933	11.697	10.959	10.819	10.093
	1.75	11.929	11.664	10.792	10.642	9.782
14	1	13.940	13.760	13.290	13.172	12.713
	1.5	13.933	13.697	12.959	12.819	12.093
	2	13.929	13.649	12.630	12.470	11.475
15	1	14.940	14.760	14.290	14.172	13.713
	1.5	14.933	14.697	13.959	13.819	13.093
16	1	15.940	15.760	15.290	15.172	14.713
	1.5	15.933	15.697	14.959	14.819	14.093
	2	15.929	15.649	14.630	14.470	13.475
17	1	16.940	16.760	16.290	16.172	15.713
	1.5	16.933	16.697	15.959	15.819	15.093
18	1	17.940	17.760	17.290	17.172	16.713
	1.5	17.933	17.697	16.959	16.819	16.093
	2	17.929	17.649	16.630	16.470	15.475
	2.5	17.920	17.585	16.296	16.126	14.853
20	1	19.940	19.760	19.290	19.172	18.713
	1.5	19.933	19.697	18.959	18.819	18.093
	2	19.929	19.649	18.630	18.470	17.475
	2.5	19.920	19.585	18.296	18.126	16.853

表 10 (续)

单位为毫米

公称直径 d	螺距 P	大径		中径		小径 (参考) $d_{3\max}$
		d_{\max}	d_{\min}	$d_{2\max}$	$d_{2\min}$	
22	1	21.940	21.760	21.290	21.172	20.713
	1.5	21.933	21.697	20.959	20.819	20.093
	2	21.929	21.649	20.630	20.470	19.475
	2.5	21.920	21.585	20.296	20.126	18.853
24	1	23.940	23.760	23.290	23.165	22.713
	1.5	23.933	23.697	22.959	22.809	22.093
	2	23.929	23.649	22.630	22.460	21.475
	3	23.915	23.540	21.966	21.766	20.234
25	1	24.940	24.760	24.290	24.165	23.713
	1.5	24.933	24.697	23.959	23.809	23.093
	2	24.929	24.649	23.630	23.460	22.475
26	1.5	25.933	25.697	24.959	24.809	24.093
27	1	26.940	26.760	26.290	26.165	25.713
	1.5	26.933	26.697	25.959	25.809	25.093
	2	26.929	26.649	25.630	25.460	24.475
	3	26.915	26.540	24.966	24.766	23.234
28	1	27.940	27.760	27.290	27.165	26.713
	1.5	27.933	27.697	26.959	26.809	26.093
	2	27.929	27.649	26.630	26.460	25.475
30	1	29.940	29.760	29.290	29.165	28.713
	1.5	29.933	29.697	28.959	28.809	28.093
	2	29.929	29.649	28.630	28.460	27.475
	3	29.915	29.540	27.966	27.766	26.234
	3.5	29.910	29.485	27.637	27.425	25.616
32	1.5	31.933	31.697	30.959	30.809	30.093
	2	31.929	31.649	30.630	30.460	29.475
33	1.5	32.933	32.697	31.959	31.809	31.093
	2	32.929	32.649	31.630	31.460	30.475
	3	32.915	32.540	30.966	30.766	29.234
	3.5	32.910	32.485	30.637	30.425	28.616
36	1.5	35.933	35.697	34.959	34.809	34.093
	2	35.929	35.649	34.630	34.460	33.475
	3	35.915	35.540	33.966	33.766	32.234
	4	35.905	35.430	33.307	33.083	30.998

表 10 (续)

单位为毫米

公称直径 d	螺距 P	大径		中径		小径 (参考) d_{3max}
		d_{max}	d_{min}	d_{2max}	d_{2min}	
38	1.5	37.933	37.697	36.959	36.809	36.093
39	1.5	38.933	38.697	37.959	37.809	37.093
	2	38.929	38.649	37.630	37.460	36.475
	3	38.915	38.540	36.966	36.766	35.234
	4	38.905	38.430	36.307	36.083	33.998
40	1.5	39.933	39.697	38.959	38.809	38.093
	2	39.929	39.649	38.630	38.460	37.475
	3	39.915	39.540	37.966	37.766	36.234
42	1.5	41.933	41.697	40.959	40.809	40.093
	2	41.929	41.649	40.630	40.460	39.475
	3	41.915	41.540	39.966	39.766	38.234
	4	41.905	41.430	39.307	39.083	36.998
	4.5	41.900	41.400	38.977	38.741	36.379
45	1.5	44.933	44.697	43.959	43.809	43.093
	2	44.929	44.649	43.630	43.460	42.475
	3	44.915	44.540	42.966	42.766	41.234
	4	44.905	44.430	42.307	42.083	39.998
	4.5	44.900	44.400	41.977	41.741	39.379
48	1.5	47.933	47.697	46.959	46.799	46.093
	2	47.929	47.649	46.630	46.450	45.475
	3	47.915	47.540	45.966	45.754	44.234
	4	47.905	47.430	45.307	45.071	42.998
	5	47.894	47.364	44.646	44.396	41.760
50	1.5	49.933	49.697	48.959	48.799	48.093
	2	49.929	49.649	48.630	48.450	47.475
	3	49.915	49.540	47.966	47.754	46.234
52	1.5	51.933	51.697	50.959	50.799	50.093
	2	51.929	51.649	50.630	50.450	49.475
	3	51.915	51.540	49.966	49.754	48.234
	4	51.905	51.430	49.307	49.071	46.998
	5	51.894	51.364	48.646	48.396	45.760
55	1.5	54.933	54.697	53.959	53.799	53.093
	2	54.929	54.649	53.630	53.450	52.475
	3	54.915	54.540	52.966	52.754	51.234
	4	54.905	54.430	52.307	52.071	49.998

表 10 (续)

单位为毫米

公称直径 d	螺距 P	大径		中径		小径 (参考) d_{3max}
		d_{max}	d_{min}	d_{2max}	d_{2min}	
56	1.5	55.933	55.697	54.959	54.799	54.093
	2	55.929	55.649	54.630	54.450	53.475
	3	55.915	55.540	53.966	53.754	52.234
	4	55.905	55.430	53.307	53.071	50.998
	5.5	55.888	55.328	52.316	52.051	49.140
58	1.5	57.933	57.697	56.959	56.799	56.093
	2	57.929	57.649	56.630	56.450	55.475
	3	57.915	57.540	55.966	55.754	54.234
	4	57.905	57.430	55.307	55.071	52.998
60	1.5	59.933	59.697	58.959	58.799	58.093
	2	59.929	59.649	58.630	58.450	57.475
	3	59.915	59.540	57.966	57.754	56.234
	4	59.905	59.430	57.307	57.071	54.998
	5.5	59.888	59.328	56.316	56.051	53.140
62	1.5	61.933	61.697	60.959	60.799	60.093
	2	61.929	61.649	60.630	60.450	59.475
	3	61.915	61.540	59.966	59.754	58.234
	4	61.905	61.430	59.307	59.071	56.998
64	1.5	63.933	63.697	62.959	62.799	62.093
	2	63.929	63.649	62.630	62.450	61.475
	3	63.915	63.540	61.966	61.754	60.234
	4	63.905	63.430	61.307	61.071	58.998
	6	63.882	63.282	59.985	59.705	56.521
65	1.5	64.933	64.697	63.959	63.799	63.093
	2	64.929	64.649	63.630	63.450	62.475
	3	64.915	64.540	62.966	62.754	61.234
	4	64.905	64.430	62.307	62.071	59.998
68	1.5	67.933	67.697	66.959	66.799	66.093
	2	67.929	67.649	66.630	66.450	65.475
	3	67.915	67.540	65.966	65.754	64.234
	4	67.905	67.430	65.307	65.071	62.998
	6	67.882	67.282	63.985	63.705	60.521

表 10 (续)

单位为毫米

公称直径 d	螺距 P	大径		中径		小径 (参考)
		d_{max}	d_{min}	d_{2max}	d_{2min}	d_{3max}
70	1.5	69.933	69.697	68.959	68.799	68.093
	2	69.929	69.649	68.630	68.450	67.475
	3	69.915	69.540	67.966	67.754	66.234
	4	69.905	69.430	67.307	67.071	64.998
	6	69.882	69.282	65.985	65.705	62.521
72	1.5	71.933	71.697	70.959	70.799	70.093
	2	71.929	71.649	70.630	70.450	69.475
	3	71.915	71.540	69.966	69.754	68.234
	4	71.905	71.430	69.307	69.071	66.998
	6	71.882	71.282	67.985	67.705	64.521
75	1.5	74.933	74.697	73.959	73.799	73.093
	2	74.929	74.649	73.630	73.450	72.475
	3	74.915	74.540	72.966	72.754	71.234
	4	74.905	74.430	72.307	72.071	69.998
76	1.5	75.933	75.697	74.959	74.799	74.093
	2	75.929	75.649	74.630	74.450	73.475
	3	75.915	75.540	73.966	73.754	72.234
	4	75.905	75.430	73.307	73.071	70.998
	6	75.882	75.282	71.985	71.705	68.521
78	2	77.929	77.649	76.630	76.450	75.475
80	1.5	79.933	79.697	78.959	78.799	78.093
	2	79.929	79.649	78.630	78.450	77.475
	3	79.915	79.540	77.966	77.754	76.234
	4	79.905	79.430	77.307	77.071	74.998
	6	79.882	79.282	75.985	75.705	72.521
82	2	81.929	81.649	80.630	80.450	79.475
85	2	84.929	84.649	83.630	83.450	82.475
	3	84.915	84.540	82.966	82.754	81.234
	4	84.905	84.430	82.307	82.071	79.998
	6	84.882	84.282	80.985	80.705	77.521
90	2	89.929	89.649	88.630	88.450	87.475
	3	89.915	89.540	87.966	87.754	86.234
	4	89.905	89.430	87.307	87.071	84.998
	6	89.882	89.282	85.985	85.705	82.521

表 10 (续)

单位为毫米

公称直径 d	螺距 P	大径		中径		小径 (参考) d_{3max}
		d_{max}	d_{min}	d_{2max}	d_{2min}	
95	2	94.929	94.649	93.630	93.440	92.475
	3	94.915	94.540	92.966	92.742	91.234
	4	94.905	94.430	92.307	92.057	89.998
	6	94.882	94.282	90.985	90.685	87.521
100	2	99.929	99.649	98.630	98.440	97.475
	3	99.915	99.540	97.966	97.742	96.234
	4	99.905	99.430	97.307	97.057	94.998
	6	99.882	99.282	95.985	95.685	92.521
105	2	104.929	104.649	103.630	103.440	102.475
	3	104.915	104.540	102.966	102.742	101.234
	4	104.905	104.430	102.307	102.057	99.998
	6	104.882	104.282	100.985	100.685	97.521
110	2	109.929	109.649	108.630	108.440	107.475
	3	109.915	109.540	107.966	107.742	106.234
	4	109.905	109.430	107.307	107.057	104.998
	6	109.882	109.282	105.985	105.685	102.521
115	2	114.929	114.649	113.630	113.440	112.475
	3	114.915	114.540	112.966	112.742	111.234
	4	114.905	114.430	112.307	112.057	109.998
	6	114.882	114.282	110.985	110.685	107.521
120	2	119.929	119.649	118.630	118.440	117.475
	3	119.915	119.540	117.966	117.742	116.234
	4	119.905	119.430	117.307	117.057	114.998
	6	119.882	119.282	115.985	115.685	112.521
125	2	124.929	124.649	123.630	123.440	122.475
	3	124.915	124.540	122.966	122.742	121.234
	4	124.905	124.430	122.307	122.057	119.998
	6	124.882	124.282	120.985	120.685	117.521
	8	124.860	124.150	119.664	119.329	115.045
130	2	129.929	129.649	128.630	128.440	127.475
	3	129.915	129.540	127.966	127.742	126.234
	4	129.905	129.430	127.307	127.057	124.998
	6	129.882	129.282	125.985	125.685	122.521
	8	129.860	129.150	124.664	124.329	120.045

表 10 (续)

单位为毫米

公称直径 d	螺距 P	大径		中径		小径 (参考)
		d_{\max}	d_{\min}	$d_{2\max}$	$d_{2\min}$	$d_{3\max}$
135	2	134.929	134.649	133.630	133.440	132.475
	3	134.915	134.540	132.966	132.742	131.234
	4	134.905	134.430	132.307	132.057	129.998
	6	134.882	134.282	130.985	130.685	127.521
140	2	139.929	139.649	138.630	138.440	137.475
	3	139.915	139.540	137.966	137.742	136.234
	4	139.905	139.430	137.307	137.057	134.998
	6	139.882	139.282	135.985	135.685	132.521
	8	139.860	139.150	134.664	134.329	130.045
145	2	144.929	144.649	143.630	143.440	142.475
	3	144.915	144.540	142.966	142.742	141.234
	4	144.905	144.430	142.307	142.057	139.998
	6	144.882	144.282	140.985	140.685	137.521
150	2	149.929	149.649	148.630	148.440	147.475
	3	149.915	149.540	147.966	147.742	146.234
	4	149.905	149.430	147.307	147.057	144.998
	6	149.882	149.282	145.985	145.685	142.521
	8	149.860	149.150	144.664	144.329	140.045
155	3	154.915	154.540	152.966	152.742	151.234
	4	154.905	154.430	152.307	152.057	149.998
	6	154.882	154.282	150.985	150.685	147.521
160	3	159.915	159.540	157.966	157.742	156.234
	4	159.905	159.430	157.307	157.057	154.998
	6	159.882	159.282	155.985	155.685	152.521
	8	159.860	159.150	154.664	154.329	150.045
165	3	164.915	164.540	162.966	162.742	161.234
	4	164.905	164.430	162.307	162.057	159.998
	6	164.882	164.282	160.985	160.685	157.521
170	3	169.915	169.540	167.966	167.742	166.234
	4	169.905	169.430	167.307	167.057	164.998
	6	169.882	169.282	165.985	165.685	162.521
	8	169.860	169.150	164.664	164.329	160.045

表 10 (续)

单位为毫米

公称直径 d	螺距 P	大径		中径		小径 (参考) $d_{3\max}$
		d_{\max}	d_{\min}	$d_{2\max}$	$d_{2\min}$	
175	3	174.915	174.540	172.966	172.742	171.234
	4	174.905	174.430	172.307	172.057	169.998
	6	174.882	174.282	170.985	170.685	167.521
180	3	179.915	179.540	177.966	177.742	176.234
	4	179.905	179.430	177.307	177.057	174.998
	6	179.882	179.282	175.985	175.685	172.521
	8	179.860	179.150	174.664	174.329	170.045
185	3	184.915	184.540	182.966	182.716	181.234
	4	184.905	184.430	182.307	182.027	179.998
	6	184.882	184.282	180.985	180.670	177.521
190	3	189.915	189.540	187.966	187.716	186.234
	4	189.905	189.430	187.307	187.027	184.998
	6	189.882	189.282	185.985	185.670	182.521
	8	189.860	189.150	184.664	184.309	180.045
195	3	194.915	194.540	192.966	192.716	191.234
	4	194.905	194.430	192.307	192.027	189.998
	6	194.882	194.282	190.985	190.670	187.521
200	3	199.915	199.540	197.966	197.716	196.234
	4	199.905	199.430	197.307	197.027	194.998
	6	199.882	199.282	195.985	195.670	192.521
	8	199.860	199.150	194.664	194.309	190.045

中 华 人 民 共 和 国
国 家 标 准
普 通 螺 纹 极 限 尺 寸
GB/T 15756—2008

*

中国标准出版社出版发行
北京复兴门外三里河北街16号
邮政编码:100045

网址 www.spc.net.cn

电话:68523946 68517548

中国标准出版社秦皇岛印刷厂印刷

各地新华书店经销

*

开本 880×1230 1/16 印张 5.75 字数 174 千字
2008年10月第一版 2008年10月第一次印刷

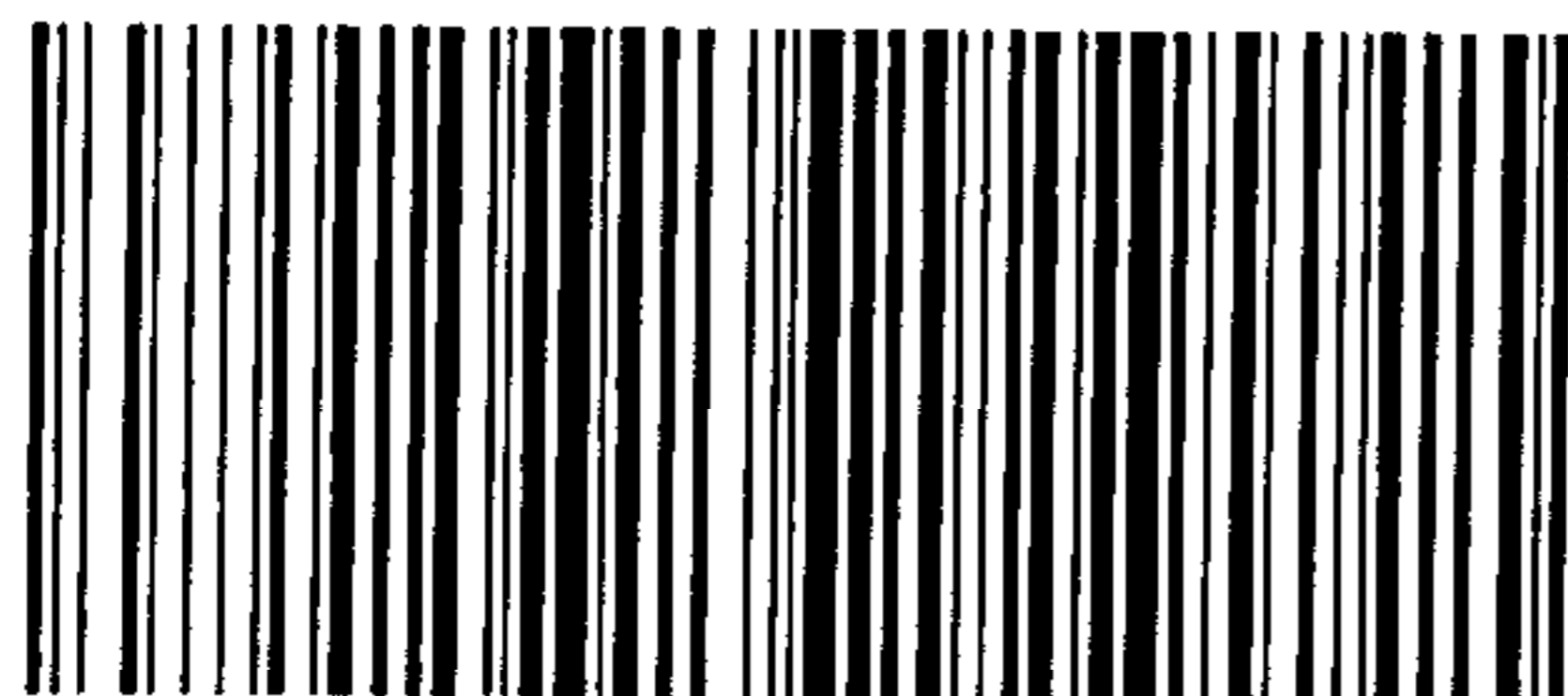
*

书号: 155066·1-33995

如有印装差错 由本社发行中心调换

版权专有 侵权必究

举报电话:(010)68533533



GB/T 15756-2008