

APPENDIX 2 PREFERRED BASIC SIZES AND SCREW THREADS

TABLE A2-1 Preferred basic sizes

Fractional (in)			Decimal (in)			Metric (mm)					
						First	Second	First	Second	First	Second
1/64	0.015 625	5	5.000	0.010	2.00	8.50	1		10		100
1/32	0.031 25	5 $\frac{1}{2}$	5.250	0.012	2.20	9.00		1.1		11	110
1/16	0.062 5	5 $\frac{1}{4}$	5.500	0.016	2.40	9.50	1.2		12		120
3/32	0.093 75	5 $\frac{3}{4}$	5.750	0.020	2.60	10.00		1.4		14	140
1/8	0.125 0	6	6.000	0.025	2.80	10.50	1.6		16		160
5/32	0.156 25	6 $\frac{1}{2}$	6.500	0.032	3.00	11.00		1.8		18	180
3/16	0.187 5	7	7.000	0.040	3.20	11.50	2		20		200
1/4	0.250 0	7 $\frac{1}{2}$	7.500	0.05	3.40	12.00		2.2		22	220
5/16	0.312 5	8	8.000	0.06	3.60	12.50	2.5		25		250
3/8	0.375 0	8 $\frac{1}{2}$	8.500	0.08	3.80	13.00		2.8		28	280
7/16	0.437 5	9	9.000	0.10	4.00	13.50	3		30		300
1/2	0.500 0	9 $\frac{1}{2}$	9.500	0.12	4.20	14.00		3.5		35	350
9/16	0.562 5	10	10.000	0.16	4.40	14.50	4		40		400
5/8	0.625 0	10 $\frac{1}{2}$	10.500	0.20	4.60	15.00		4.5		45	450
11/16	0.687 5	11	11.000	0.24	4.80	15.50	5		50		500
3/4	0.750 0	11 $\frac{1}{2}$	11.500	0.30	5.00	16.00		5.5		55	550
7/8	0.875 0	12	12.000	0.40	5.20	16.50	6		60		600
1	1.000	12 $\frac{1}{2}$	12.500	0.50	5.40	17.00		7		70	700
1 $\frac{1}{4}$	1.250	13	13.000	0.60	5.60	17.50	8		80		800
1 $\frac{1}{2}$	1.500	13 $\frac{1}{2}$	13.500	0.80	5.80	18.00		9		90	900
1 $\frac{3}{4}$	1.750	14	14.000	1.00	6.00	18.50					1 000
2	2.000	14 $\frac{1}{2}$	14.500	1.20	6.50	19.00					
2 $\frac{1}{4}$	2.250	15	15.000	1.40	7.00	19.50					
2 $\frac{1}{2}$	2.500	15 $\frac{1}{2}$	15.500	1.60	7.50	20.00					
2 $\frac{3}{4}$	2.750	16	16.000	1.80	8.00						
3	3.000	16 $\frac{1}{2}$	16.500								
3 $\frac{1}{4}$	3.250	17	17.000								
3 $\frac{1}{2}$	3.500	17 $\frac{1}{2}$	17.500								
3 $\frac{3}{4}$	3.750	18	18.000								
4	4.000	18 $\frac{1}{2}$	18.500								
4 $\frac{1}{4}$	4.250	19	19.000								
4 $\frac{1}{2}$	4.500	19 $\frac{1}{2}$	19.500								
4 $\frac{3}{4}$	4.750	20	20.000								