

SIZE SPECIFICATIONS



The Fastener Black Book is a 6x4x1 248 page book in English that contains, Data, Provides Thread Forms, Inch/Metric Fasteners, ISO and DIN Specifications, Fastener Platings & Finishes, Pre-Loads and Tightening Torques, Heads, Points, Materials, Coatings, Thread Terminology & Classifications, Standard Grades, Tolerances, Threaded & Non-Threaded Fasteners and Includes a Thread Pitch Identification Guide.

Item # **MIABB**

THREADS PER INCH		
BOLT SIZE	COARSE (USS)	FINE (SAE)
6	32	40
8	32	36
10	24	32
12	24	28
1/4	20	28
5/16	18	24
3/8	16	24
7/16	14	20
1/2	13	20
9/16	12	18
5/8	11	18
3/4	10	16
7/8	9	14
1	8	14
1-1/8	7	12
1-1/4	7	12
1-3/8	6	12
1-1/2	6	12

SAE WASHER INFORMATION		
BOLT SIZE	ID (INCHES)	OD (INCHES)
6	5/32	38
8	3/16	7/16
10	7/32	1/2
12	1/4	9/16
1/4	9/32	5/8
5/16	11/32	11/16
3/8	13/32	13/16
7/16	15/32	59/64
1/2	17/32	1-1/16
9/16	19/32	1-3/16
5/8	21/32	1-5/16
3/4	13/16	1-1/2
7/8	15/16	1-3/4
1	1-1/16	2
1-1/8	1-3/16	2-1/4
1-1/4	1-5/16	2-1/2
1-3/8	1-7/16	2-3/4
1-1/2	1-9/16	3

USS WASHER INFORMATION		
BOLT SIZE	ID (INCHES)	OD (INCHES)
3/16	1/4	9/16
1/4	5/16	3/4
5/16	3/8	7/8
3/8	7/16	1
7/16	1/2	1-1/4
1/2	9/16	1-3/8
9/16	5/8	1-1/2
5/8	11/16	1-3/4
3/4	13/16	2
7/8	15/16	2-1/4
1	1-1/16	2-1/2
1-1/8	1/14	2-3/4
1-1/4	1-3/8	3
1-3/8	1-1/2	3-1/4
1-1/2	1-5/8	3-1/2
1-5/8	1-3/4	3-3/4
1-3/4	1-7/8	4
1-7/8	2	4-1/4
2	2-1/8	4-1/2



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CONVERSION CHARTS

CONVERSION CHARTS

CHART 1

MILLIMETERS (SI)	DECIMAL INCHES (USCS)	INCH FRACTION (USCS)
0.100	.0039	-
0.200	.0079	-
0.300	.0118	-
0.397	.0156	1/64
0.400	.0157	-
0.500	.0197	-
0.600	.0236	-
0.700	.0276	-
0.794	.0313	1/32
0.800	.0315	-
0.900	.0354	-
1.000	.0394	-
1.191	.0469	3/64
1.500	.0591	-
1.588	.0625	1/16
1.984	.0781	5/64
2.000	.0787	-
2.381	.0938	-
2.500	.0984	-
2.778	.1094	7/64
3.000	.1181	-
3.175	.1250	1/8
3.500	.1378	-
3.572	.1406	9/64
3.969	.1563	5/32
4.000	.1575	-
4.366	.1719	11/64
4.500	.1772	-
4.763	.1875	3/16
5.000	.1969	-
5.159	.2031	13/64
5.500	.1969	-
5.556	.2188	7/32
5.953	.2344	15/64
6.000	.2362	-
6.350	.2500	1/4

MILLIMETERS (SI)	DECIMAL INCHES (USCS)	INCH FRACTION (USCS)
6.500	.2559	-
6.747	.2656	17/64
7.000	.2756	-
7.144	.2813	9/32
7.500	.2953	-
7.541	.2969	19/64
7.938	.3125	5/16
8.000	.3150	-
8.334	.3281	21/64
8.500	.3346	-
8.731	.3438	11/32
9.000	.3543	-
9.128	.3594	23/64
9.500	.3740	-
9.525	.3750	3/8
9.922	.3906	25/64
10.000	.3937	-
10.319	.4063	13/32
10.716	.4219	27/64
11.000	.4331	-
11.113	.4375	7/16
11.509	.4531	29/64
11.906	.4688	15/32
12.000	.4724	-
12.303	.4844	31/64
12.700	.5000	1/2
13.000	.5118	-
13.097	.5156	33/64
13.494	.5313	17/32
13.891	.5469	35/64
14.000	.5512	-
14.288	.5625	9/16
14.684	.5781	37/64
15.000	.5906	-
15.081	.5938	19/32
15.478	.6094	39/64

MILLIMETERS (SI)	DECIMAL INCHES (USCS)	DECIMAL INCHES (USCS)
15.875	.6250	5/8
16.000	.6299	-
16.272	.6406	41/64
16.669	.6563	21/32
17.000	.6693	-
17.066	.6719	43/64
17.463	.6875	11/16
17.859	.7031	45/64
18.000	.7087	-
18.256	.7188	23/32
18.653	.7344	47/64
19.000	.7480	-
19.050	.7500	3/4
19.447	.7656	49/64
19.844	.7813	25/32
20.000	.7874	-
20.241	.7969	51/64
20.638	.8125	13/16
21.000	.8268	-
21.034	.8281	53/64
21.431	.8438	27/32
21.828	.8594	55/64
22.000	.8661	-
22.225	.8750	7/8
22.622	.8906	57/64
23.000	.9055	-
23.019	.9063	29/32
23.416	.9219	59/64
23.813	.9375	15/16
24.000	.9449	-
24.209	.9531	61/64
25.000	.9843	-
25.003	.9844	63/64
25.400	1.000	1

CONVERSION CHARTS

CHART 2

TO CONVERT	TO	MULTIPLY BY
Centimeters	Meters	0.01
Centimeters	Inches	0.3937
Centimeters	Millimeters	10
Grams	Ounces	0.03527
Grams	Pounds	2.205 x .001
Inches	Centimeters	2.54
Inches	Millimeters	25.40
Kilograms	Grams	1,000
Kilograms	Pounds	2.205

TO CONVERT	TO	MULTIPLY BY
Meters	Meters	100
Meters	Inches	39.37
Meters	Kilometers	0.001
Meters	Yards	1.094
Millimeters	Inches	0.03937
Ounces	Grams	28.349527
Pounds	Grams	453.5924
Yards	Meters	0.9144

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