



Metric Equivalents

mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.
1	0.0394	21	0.8268	41	1.6142	61	2.4016	81	3.1890	105	4.1339	205	8.0709
2	0.0787	22	0.8661	42	1.6535	62	2.4409	82	3.2283	110	4.3307	210	8.2677
3	0.1181	23	0.9055	43	1.6929	63	2.4803	83	3.2677	115	4.5276	215	8.4646
4	0.1575	24	0.9449	44	1.7323	64	2.5197	84	3.3071	120	4.7244	220	8.6614
5	0.1969	25	0.9843	45	1.7717	65	2.5591	85	3.3465	125	4.9213	225	8.8583
6	0.2362	26	1.0236	46	1.8110	66	2.5984	86	3.3858	130	5.1181	230	9.0551
7	0.2756	27	1.0630	47	1.8504	67	2.6378	87	3.4252	135	5.3150	235	9.2520
8	0.3150	28	1.1024	48	1.8898	68	2.6772	88	3.4646	140	5.5118	240	9.4488
9	0.3543	29	1.1417	49	1.9291	69	2.7165	89	3.5039	145	5.7087	245	9.6457
10	0.3937	30	1.1811	50	1.9685	70	2.7559	90	3.5433	150	5.9055	250	9.8425
11	0.4332	31	1.2205	51	2.0079	71	2.7953	91	3.5827	155	6.1024	255	10.0394
12	0.4724	32	1.2598	52	2.0472	72	2.8346	92	3.6220	160	6.2992	260	10.2362
13	0.5118	33	1.2992	53	2.0866	73	2.8740	93	3.6614	165	6.4961	265	10.4331
14	0.5512	34	1.3386	54	2.1260	74	2.9134	94	3.7008	170	6.6929	270	10.6299
15	0.5906	35	1.3780	55	2.1654	75	2.9528	95	3.7402	175	6.8898	275	10.8268
16	0.6299	36	1.4173	56	2.2047	76	2.9921	96	3.7795	180	7.0866	280	11.0236
17	0.6693	37	1.4567	57	2.2441	77	3.0315	97	3.8189	185	7.2835	285	11.2205
18	0.7087	38	1.4961	58	2.2835	78	3.0709	98	3.8583	190	7.4803	290	11.4173
19	0.7480	39	1.5354	59	2.3228	79	3.1102	99	3.8976	195	7.6772	295	11.6142
20	0.7874	40	1.5748	60	2.3622	80	3.1496	100	3.9370	200	7.8740	300	11.8110

Decimal Equivalents

1/64	0.0156	17/64	0.2656	33/64	0.5156	49/64	0.7656
1/32	0.0313	9/32	0.2813	17/32	0.5313	25/32	0.7813
3/64	0.0469	19/64	0.2969	35/64	0.5469	51/64	0.7969
1/16	0.0625	5/16	0.3125	9/16	0.5625	13/16	0.8125
5/64	0.0781	21/64	0.3281	37/64	0.5781	53/64	0.8281
3/32	0.0938	11/32	0.3438	19/32	0.5938	27/32	0.8438
7/64	0.1094	23/64	0.3594	39/64	0.6094	55/64	0.8594
1/8	0.1250	3/8	0.3750	5/8	0.6250	7/8	0.8750
9/64	0.1406	25/64	0.3906	41/64	0.6406	57/64	0.8906
5/32	0.1563	13/32	0.4063	21/32	0.6563	29/32	0.9063
11/64	0.1719	27/64	0.4219	43/64	0.6719	59/64	0.9219
3/16	0.1875	7/16	0.4375	11/16	0.6875	15/16	0.9375
13/64	0.2031	29/64	0.4531	45/64	0.7031	61/64	0.9531
7/32	0.2188	15/32	0.4688	23/32	0.7188	31/32	0.9688
15/64	0.2344	31/64	0.4844	47/64	0.7344	63/64	0.9844
1/4	0.2500	1/2	0.5000	3/4	0.7500	1	1.0000

Metric

Inch

Metric

Inch

1 Millimeter (mm)	=	0.0393701 Inch (in)	1 Kilogram (kg)	=	2.204 pounds (lb)
25.4 Millimeters (mm)	=	1 inch (in)	1 Joule (J)	=	0.7375621 Foot-Pounds (ft-lb)
1 Meter (m)	=	3.2808 (ft)	1 Square Centimeter (cm ²)	=	0.1550003 Square Inches (in ²)
1 Meter (m)	=	39.37 inches (in)	1 Cubic Meter (m ³)	=	35.31466 Cubic Feet (ft ³)
1 Newton (N)	=	0.102 Kilogram-Force (kp)	1 Kilogram per Square Centimeter (kg/cm ²)	=	14.22334 Pounds per square Inch (lb/in ²)
1 Newton (N)	=	0.2248 Pound-Force (lbf)	1 Kilogram per Meter (kg/m)	=	0.67197 Pounds per Foot (lb/ft)
1 Bar	=	100 Kilopascals (kPa)	1 U.S. Horsepower (HP)	=	0.7457 Kilowatt (kw)
1 Bar	=	14.50377 Pounds per Square Inch (lb/in ²)	1 Metric Horsepower (CV)	=	0.9863203 U.S. Horsepower (HP)

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