



Imperial to Metric Quick Reference

Imperial Fraction	Imperial Decimal	Precise Metric	Rounded Metric
1 / 64"	0.0156"	0.396mm	0.4mm
1 / 32"	0.0312"	0.793mm	0.8mm
3 / 64"	0.0468"	1.190mm	1.2mm
1 / 16"	0.0625"	1.587mm	1.5mm / 1.6mm
5 / 64"	0.0781"	1.984mm	2mm
3 / 32"	0.0937"	2.381mm	2.4mm
7 / 64"	0.1093"	2.778mm	2.8mm
1 / 8"	0.125"	3.175mm	3mm / 3.2mm
9 / 64"	0.1406"	3.571mm	3.5mm / 3.6mm
5 / 32"	0.1562"	3.968mm	4mm
11 / 64"	0.1718"	4.365mm	4.4mm
3 / 16"	0.1875"	4.762mm	4.8mm
13 / 64"	0.2031"	5.159mm	5.2mm
7 / 32"	0.2187"	5.556mm	5.5mm
15 / 64"	0.2343"	5.953mm	6mm
1 / 4"	0.25"	6.350mm	6.4mm
17 / 64"	0.2656"	6.746mm	6.8mm
9 / 32"	0.2812"	7.143mm	7.2mm
19 / 64"	0.2968"	7.540mm	7.5mm
5 / 16"	0.3125"	7.937mm	8mm
21 / 64"	0.3281"	8.334mm	8.4mm
11 / 32"	0.3437"	8.731mm	8.8mm
23 / 64"	0.3593"	9.128mm	9.2mm
3 / 8"	0.375"	9.525mm	9.5mm
25 / 64"	0.3906"	9.921mm	10mm
13 / 32"	0.4062"	10.318mm	10.4mm
27 / 64"	0.4218"	10.715mm	10.7mm
7 / 16"	0.4375"	11.112mm	11.1mm
29 / 64"	0.4531"	11.509mm	11.5mm
15 / 32"	0.4687"	11.906mm	12mm
31 / 64"	0.4843"	12.303mm	12.3mm
1 / 2"	0.500"	12.700mm	12mm / 12.7mm

Imperial Fraction	Imperial Decimal	Precise Metric	Rounded Metric
33 / 64"	0.5156"	13.096mm	13mm
17 / 32"	0.5312"	13.493mm	13.5mm
35 / 64"	0.5468"	13.890mm	13.9mm
9 / 16"	0.5625"	14.287mm	14.3mm
37 / 64"	0.5781"	14.684mm	14.7mm
19 / 32"	0.5937"	15.081mm	15mm
39 / 64"	0.6093"	15.478mm	15.5mm
5 / 8"	0.625"	15.875mm	16mm
41 / 64"	0.6406"	16.271mm	16.3mm
21 / 32"	0.6562"	16.668mm	16.7mm
43 / 64"	0.6718"	17.065mm	17mm
11 / 16"	0.6875"	17.462mm	17.5mm
45 / 64"	0.7031"	17.859mm	17.9mm
23 / 32"	0.7187"	18.256mm	18.3mm
47 / 64"	0.7343"	18.653mm	18.7mm
3 / 4"	0.750"	19.050mm	19mm
49 / 64"	0.7656"	19.446mm	19.5mm
25 / 32"	0.7812"	19.843mm	19.9mm
51 / 64"	0.7968"	20.240mm	20.2mm
13 / 16"	0.8125"	20.637mm	20.6mm
53 / 64"	0.8281"	21.034mm	21mm
27 / 32"	0.8437"	21.431mm	21.5mm
55 / 64"	0.8593"	21.828mm	21.8mm
7 / 8"	0.875"	22.225mm	22mm
57 / 64"	0.8906"	22.621mm	22.6mm
29 / 32"	0.9062"	23.018mm	23mm
59 / 64"	0.9218"	23.415mm	23.5mm
15 / 16"	0.9375"	23.812mm	23.8mm / 24mm
61 / 64"	0.9531"	24.209mm	24.2mm
31 / 32"	0.9687"	24.606mm	24.6mm
63 / 64"	0.9843"	25.003mm	25mm
1"	1.000"	25.400mm	25mm / 25.4mm

Rough Large Scale	
Imperial	Metric
1 / 8"	3mm / 3.2mm
1 / 4"	6mm / 6.4mm
1 / 2"	12mm / 12.7mm
3 / 4"	19mm
1 Inch	25mm
2 Inches	50mm
3 Inches	75mm
4 Inches	100mm
5 Inches	125mm
6 Inches	150mm
8 Inches	200mm
10 Inches	250mm
12 Inches (1 Foot)	300mm
15 Inches	375mm
20 Inches	500mm
24 Inches	600mm
36 Inches	900mm
40 Inches	1000mm
48 Inches	1200mm
60 Inches	1500mm
80 Inches	2000mm
96 Inches	2400mm

Rough Large Scale	
Imperial	Metric
1 Yard	91.4cm
10 Yards	9.14 Metres
50 Yards	45.7 Metres
100 Yards	91.44 Metres