



Answers to questions about structures, ventilation, soil, water, waste, energy, machinery and safety.

Standard-metric wrench chart

If your tool box is like mine, you have an assortment of wrenches, but invariably need a second one for the same bolt and don't have the extra standard or metric one of the same size. Post this chart on your shop wall or tool box inner lid to help find a close wrench fit. Download a printer-friendly version of this chart: [Standard-Metric Wrench Chart \(PDF\)](#)

Standard-metric Wrench Conversion Chart

Bolt Diameter	Standard	Metric
1/8"	5/16"	8 mm
3/16"	3/8"	10 mm
1/4"	7/16"	11 mm
5/16"	1/2"	13 mm
3/8"	9/16"	14 mm
7/16"	5/8"	16 mm
1/2"	3/4"	19 mm
9/16"	13/16"	21 mm
	7/8"	22 mm
5/8"	15/16"	24 mm
	1"	25 mm
3/4"	1-1/8"	29 mm
	1-1/4"	32 mm
7/8"	1-5/16"	34 mm
	1-3/8"	35 mm
1"	1-1/2"	38 mm
	1-5/8"	41 mm
1-1/8"	1-11/16"	43 mm
	1-3/4"	45 mm
1-1/4"	1-7/8"	48 mm
1-3/8"	2"	51 mm
1-1/2"	2-1/4"	57 mm
1-5/8"	2-1/2"	64 mm
1-3/4"	2-5/8"	67 mm
	2-3/4"	70 mm
1-7/8"	2-15/16"	75 mm
	3"	76 mm

2"	3-1/8"	80 mm
	3-1/4"	83 mm
2-1/4"	3-1/2"	89 mm
	3-3/4"	95 mm
2-1/2"	3-7/8"	99 mm
	4"	102 mm
2-3/4"	4-1/4"	108 mm
	4-1/2"	114 mm
3"	4-5/8"	118 mm
3-1/4"	5"	127 mm
3-1/2"	5-3/8"	137 mm
	5-1/2"	140 mm
3-3/4"	5-3/4"	146 mm
	6"	152 mm
	6-1/2"	165 mm
	7"	178 mm