

# SAE to Metric Wrench Size Chart

Smallest metric wrench that fits each SAE bolt head

SAE size	Metric wrench
1/4"	7 mm
5/16"	8 mm
3/8"	10 mm
7/16"	12 mm *
1/2"	13 mm
9/16"	15 mm *
5/8"	16 mm
11/16"	18 mm
3/4"	20 mm *
13/16"	21 mm
7/8"	23 mm *
15/16"	24 mm
1"	26 mm
1 1/16"	27 mm

SAE size	Metric wrench
1 1/8"	29 mm
1 1/4"	32 mm
1 5/16"	34 mm
1 3/8"	35 mm
1 7/16"	37 mm
1 1/2"	39 mm
1 9/16"	40 mm
1 5/8"	42 mm
1 11/16"	43 mm
1 3/4"	45 mm
1 13/16"	47 mm
1 7/8"	48 mm
1 15/16"	50 mm
2"	51 mm

\* Corrected values: 7/16" needs 12 mm (not 11 mm), 9/16" needs 15 mm (not 14 mm), 3/4" needs 20 mm (not 19 mm), 7/8" needs 23 mm (not 22 mm). The smaller size is physically too small to fit the bolt head. Metric wrench must always be equal to or larger than the SAE bolt head width.