

Metric / SAE Socket Comparison — nearest stocked size

Nominal comparison only, computed at 1 in = 25.4 mm from the commonly stocked SAE series. Not a fit specification: actual fit depends on socket and fastener tolerances - verify before applying torque.

Metric socket to nearest SAE

METRIC	NEAREST SAE	SAE mm	DIFFERENCE mm	NOMINAL FIT
4	5/32"	3.97	-0.031	close - verify fit
4.5	3/16"	4.76	+0.262	poor fit likely
5	3/16"	4.76	-0.238	poor fit likely
5.5	7/32"	5.56	+0.056	close - verify fit
6	1/4"	6.35	+0.350	poor fit likely
7	9/32"	7.14	+0.144	close - verify fit
8	5/16"	7.94	-0.063	close - verify fit
9	11/32"	8.73	-0.269	poor fit likely
10	13/32"	10.32	+0.319	poor fit likely
11	7/16"	11.11	+0.112	close - verify fit
12	15/32"	11.91	-0.094	close - verify fit
13	1/2"	12.70	-0.300	poor fit likely
14	9/16"	14.29	+0.287	poor fit likely
15	19/32"	15.08	+0.081	close - verify fit
16	5/8"	15.88	-0.125	close - verify fit
17	21/32"	16.67	-0.331	poor fit likely
18	11/16"	17.46	-0.538	poor fit likely
19	3/4"	19.05	+0.050	close - verify fit
20	25/32"	19.84	-0.156	poor fit likely
21	13/16"	20.64	-0.363	poor fit likely
22	7/8"	22.22	+0.225	poor fit likely
23	7/8"	22.22	-0.775	poor fit likely
24	15/16"	23.81	-0.188	poor fit likely
25	1"	25.40	+0.400	poor fit likely
26	1"	25.40	-0.600	poor fit likely
27	1-1/16"	26.99	-0.013	close - verify fit
28	1-1/8"	28.57	+0.575	poor fit likely
29	1-1/8"	28.57	-0.425	poor fit likely
30	1-3/16"	30.16	+0.162	poor fit likely
32	1-1/4"	31.75	-0.250	poor fit likely
33	1-5/16"	33.34	+0.337	poor fit likely
34	1-5/16"	33.34	-0.663	poor fit likely
35	1-3/8"	34.92	-0.075	close - verify fit
36	1-7/16"	36.51	+0.512	poor fit likely