

Spanner opening SW		Metric sizes																Nominal Size of Wrench	American sizes																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
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Minimum dimension mm ¹⁾	Maximum dimension mm ²⁾	Nominal size of wrench, mm																a Normal (No)	b Square (No)	c Heavy (No)	d Machine Screw Nuts (No)	e Normal (No)	f Heavy (No)	g Machine Screws (No)	h Square Head Set Screws (No)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
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ASME/ANSI B 18.2.2-1987

- ¹⁾ maximum and minimum dimensions for metric sizes according to DIN 475/2 series 1 and ISO 691 (machined tolerances), American sizes according to ANSI B 18.2.1 + ASME/ANSI B 18.2.2
- ²⁾ DIN ISO 4014, 4016, 4017, 4018, 4032, 4034, 4035, 4036, 8673, 8674, 8675, 8676, 8765, sizes in brackets only DIN 439, 555, 558, 601, 609, 610, 917, 931, 933, 934, 935, 936, 937, 960, 961, 979, 980, 985, 986, 1587, 2510/5, 6330, 6331, 7967, 7968, 79900
- ³⁾ DIN 6914, 6915, 7999 (SW 21 + 34)
- ⁴⁾ DIN 561, 564
- ⁵⁾ DIN 6921, 6922
- ⁶⁾ DIN 6923, 6926, 6927
- ⁷⁾ Standards prior to 1963
- ⁸⁾ old standards

- ⁹⁾ Hex Flat and Hex Flat Jam Nuts
Hex Nuts and Hex Jam Nuts
Hex Slotted Nuts
Hex Thick Nuts
Hex Thick Slotted Nuts
Hex Castle Nuts
- ¹⁰⁾ Square Nuts
- ¹¹⁾ Heavy Square Nuts
Heavy Hex Flat Nuts
Heavy Hex Flat Jam Nuts
Heavy Hex Nuts
Heavy Hex Jam Nuts
Heavy Hex Slotted Nuts

ANSI B 18.2.1-1981

- ¹²⁾ ANSI B 18.6.3 - 1972
- ¹³⁾ Square Bolts
Hex Bolts
Hex Cap Screws
Lag Screws
- ¹⁴⁾ Heavy Hex Bolts
Heavy Hex Structural Bolts
Heavy Hex Screws
- ¹⁵⁾ ANSI B 18.6.3 - 1972 (R 1983)
- ¹⁶⁾ ANSI B 18.6.2 - 1972 (R 1983)
- * Square Bolt and Lag Screws only
- SP = Spark Plug