

THE DIFFERENCE BETWEEN WORKING ON THINGS HELD TOGETHER BY SAE OR HEAVY HEX SIZES.

SAE Sizes



Heavy Hex Sizes



NUT SIZE RANGE

SAE Sizes

SAE SIZES

SAE Inch Nut Sizes are:

5/32, 3/16, 1/4, 5/16, 11/32, 3/8, 7/16, 1/2, 9/16, 11/16, 3/4, 15/16, 1-1/8, 1-5/16, 1-1/2

SAE Bolt Sizes are:

#0, #1, #2, #3, #4, #5, #6, #8, #10, #12, 1/4", 5/16", 3/8", 7/16", 1/2", 5/8", 3/4", 7/8", 1"

SAE Metric Nut Sizes are:

4mm, 5mm, 5.5mm, 7mm, 8mm, 10mm, 11mm, 13mm, 17mm, 19mm, 22mm, 24mm, 27mm, 30mm

SAE Metric Bolt Sizes are:

2mm, 2.5mm, 3mm, 4mm, 5mm, 6mm, 7mm, 8mm, 10mm, 12mm, 14mm, 16mm, 18mm, 20mm

Heavy Hex Sizes

HEAVY HEX SIZES

INCH NUT SIZES 1-1/16", 1-1/4", 1-7/16", 1-5/8", 1-13/16", 2", 2-3/16", 2-3/8", 2-9/16", 2-3/4", 2-15/16", 3-1/8", 3-1/2", 3-7/8", 4-1/4", 4-5/8", 5", 5-3/8", 5-3/4", 6-1/8"

INCH STUD SIZES: 5/8", 3/4", 7/8", 1", 1-1/8", 1-1/4", 1-3/8", 1-1/2", 1-5/8", 1-3/4", 1-7/8", 2", 2-1/4", 2-1/2", 2-3/4", 3", 3-1/4", 3-1/2", 3-3/4", 4"

METRIC NUT SIZES - Instantly find the standard Metric sizes 32 mm, 36 mm, 41 mm, 46 mm, 50 mm, 55 mm, 60 mm, 65 mm, 70 mm, 75 mm, 80 mm, 85 mm, 90 mm, 95 mm, 100 mm, 105 mm, 110 mm, 115 mm, 120 mm, 130 mm, 135 mm, 145 mm, 150 mm, 155 mm, 165 mm

METRIC STUD/BOLT SIZES: M22, M24, M27, M30, M33, M36, M39, M42, M45, M48, M52, M56, M60, M64, M68, M72, M76, M80, M85, M90, M95, M100, M105, M110, M115, M120, M125, M130, M135, M140, M145, M150

NUT SIZE RANGE

SAE Sizes



Heavy Hex Sizes



ON WHAT ITEMS WOULD I FIND...

SAE Sizes

Cars, lawn mowers, tractors, house hold repairs, Home Depot, Lowe's, and such.

Heavy Hex Sizes

Boilers, Bridges, Chemical Plants, Mining, Heavy Equipment, Wind Turbines, Power Generation, Ship Building, Refineries, Cranes, Industrial Machinery, Pipelines, Pipe Flanges, Valves, Turbines, Foundation Bolts, Oil & Gas, Petroleum, Vessels, Fractionators, Reactors, Structural Steel, Power Plants, Generators, Rock Bolts, Geothermal, Pumps, Hydro, Dams, Nuclear Facilities, High Tension Lines, Power Transmission, Rock Crushers, Conveyors, Towers, Oil Rigs, Blow-Out Preventers, Well Heads, Gas Turbines, Combustion Chambers, Boiler Feed Pumps, Ball Mills, Bonnets, Track & Roller Bolts, Wheel Nuts Hvy. Eqp., Manways, Injection Molding, Pressure Vessels, Excavators, Water Feed Pumps, Steam Turbines, Crane Turntables, Process Machinery, Gear Boxes, Heat Exchangers, Hydraulic Cylinders, Compressors, Nozzles, Amusement Park Rides, Submarines, and Water Treatment.

WHO NEEDS IT (JOB TITLE)

SAE Sizes

Auto Mechanics

DIY folk

People who fix their own stuff

The common man.

Heavy Hex Sizes

Millwrights

Pipefitters

Steamfitters

Field Technicians

Maintenance

Field Technicians

Bolters

It is useful for those whose inspection or work involves bolting and joint integrity.

WHERE DO THEY USE IT?

SAE Sizes

On anything with an engine attached.

Plumbing

Stuff around the house.

Heavy Hex Sizes

Power Generation

Nuclear

Turbines

Chemical Plants

Structural Steel

Bridges

Pipelines

The Oil & Gas industries.

WHAT DOES THEIR JOBSITE LOOK LIKE?

SAE Sizes



Heavy Hex Sizes



WHEN DO THEY USE IT?

SAE Sizes

When things break or the wife says, "I'm sick of hearing that CLACK, CLACK, CLACK..."

Heavy Hex Sizes

Emergency maintenance

Planned maintenance

Shutdowns

Turnarounds

Outages

Hot bolting

WHAT TOOLS DO THEY USE IT WITH?

SAE Sizes

Clicker Torque wrenches

1/4-inch, 3/8-inch, 1/2-inch, 3/4-inch, and
1-inch drive sockets.

Heavy Hex Sizes

Hydraulic torque wrench

Pneumatic torque wrench

Impact wrench

Impact gun / Torque gun

Electric torque wrench

Striking wrench

Hydraulic stud tensioners

3/4-inch, 1-inch, 1-1/2-inch, 2-1/2-inch, and
3-1/2-inch, drive sockets.

WHAT HAPPENS WHEN THE BOLT FAILS?

SAE Sizes

You throw what ever it is into the garbage and get a new one.

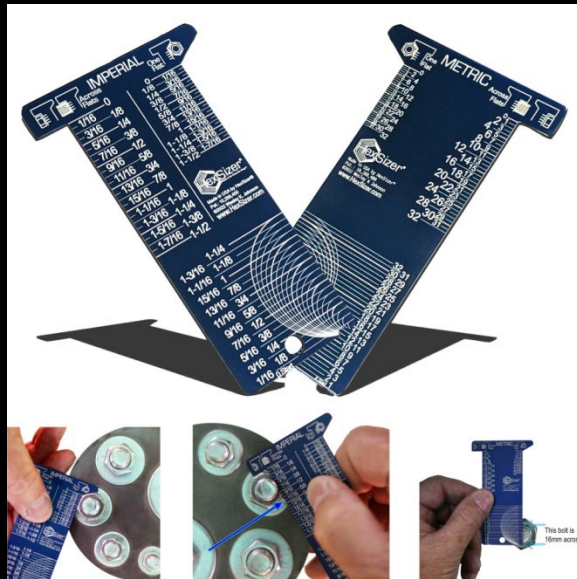
Heavy Hex Sizes

- You are on the news.
- Injuries and fatalities.
- Large scale property damage.
- Finger pointing in all directions.
- Root cause analysis.
- Lawsuits and settlements.
- Repairs or closures.

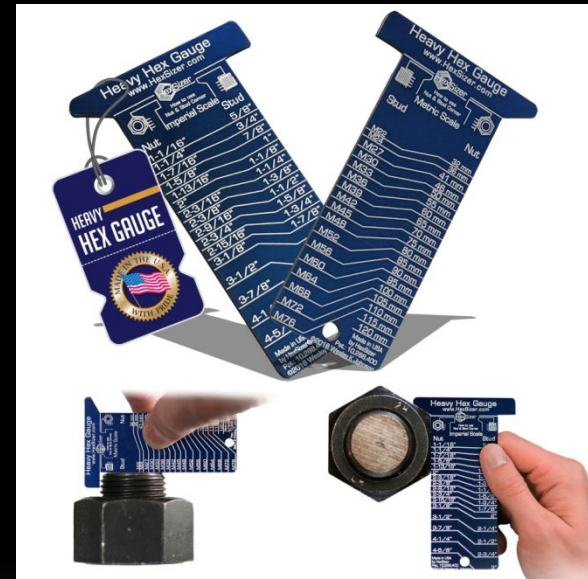


WHAT'S NEW FOR FINDING NUT / WRENCH SIZE?

SAE Sizes



Heavy Hex Sizes



[HTTPS://HEXSIZER.COM](https://hexsizer.com)



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