

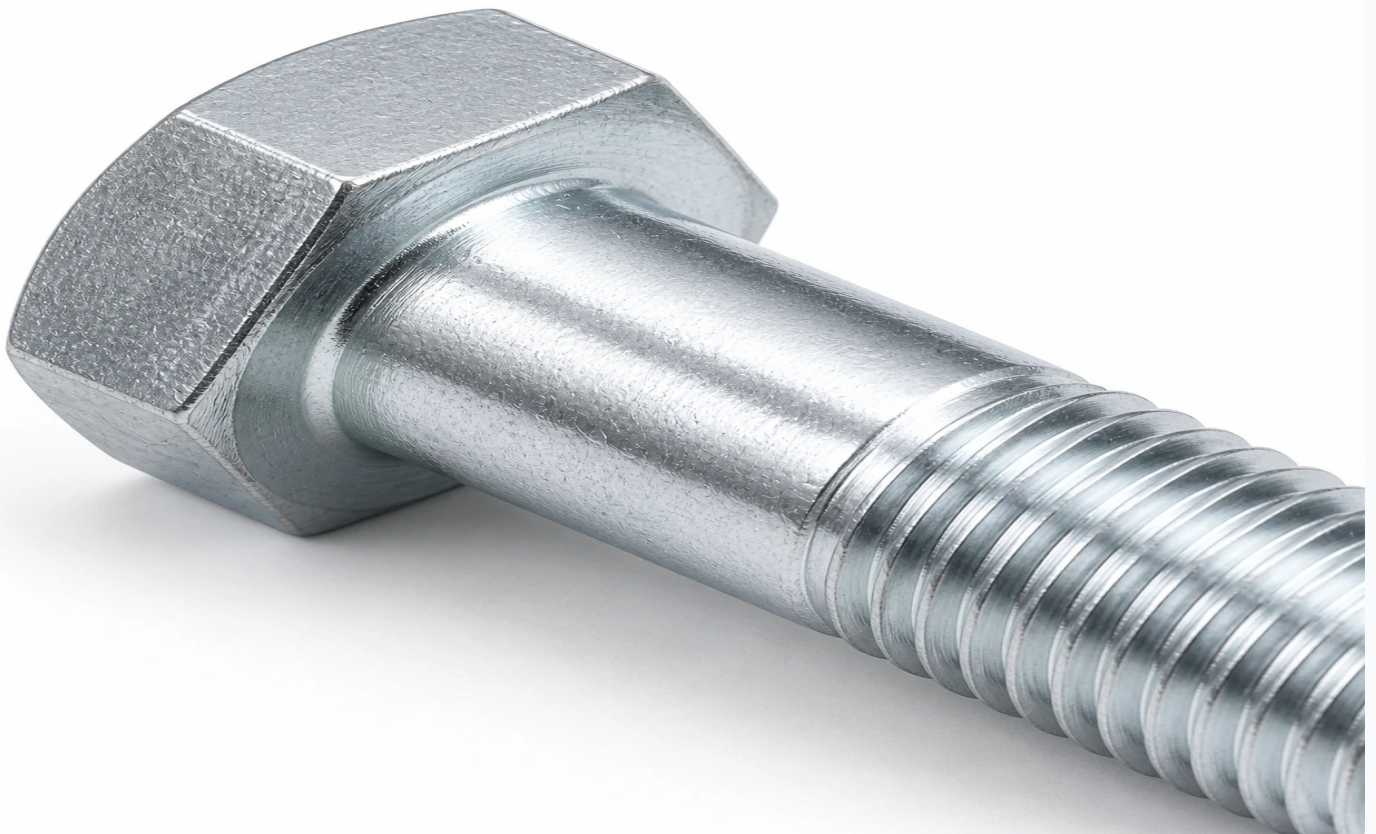
Clearance Hole Sizes — ISO 273

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Engineering Reference · Clearance Hole Sizes

Clearance Hole Sizes to ISO 273. Full dimensional table, materials, finishes and quotation. 33 sizes listed.



Clearance Hole Sizes conform to ISO 273. As engineering reference, they are specified by the dimensions in the table below; this page also covers materials, finishes and typical uses.

About This Reference

This is an engineering reference table for clearance hole sizes based on ISO 273. Use it alongside our fastener catalog when selecting and specifying parts.

Reference Data (ISO 273)

Thread size	Fine H12 (mm)	Medium H13 (mm)	Coarse H14 (mm)	Reference standard	Application
M1	1.1	1.2	1.3	ISO 273 / DIN 406	Clearance (through) hole, non-threaded
M1.2	1.3	1.4	1.5	ISO 273 / DIN 406	Clearance (through) hole, non-threaded
M1.4	1.5	1.6	1.8	ISO 273 / DIN 406	Clearance (through) hole, non-threaded
M1.6	1.7	1.8	2.0	ISO 273 / DIN 406	Clearance (through) hole, non-threaded
M2	2.2	2.4	2.6	ISO 273 / DIN 406	Clearance (through) hole, non-threaded
M2.5	2.7	2.9	3.1	ISO 273 / DIN 406	Clearance (through) hole, non-threaded
M3	3.2	3.4	3.6	ISO 273 / DIN 406	Clearance (through) hole, non-threaded
M3.5	3.7	3.9	4.2	ISO 273 / DIN 406	Clearance (through) hole, non-threaded
M4	4.3	4.5	4.8	ISO 273 / DIN 406	Clearance (through) hole, non-threaded
M5	5.3	5.5	5.8	ISO 273 / DIN 406	Clearance (through) hole, non-threaded
M6	6.4	6.6	7.0	ISO 273 / DIN 406	Clearance (through) hole, non-threaded
M7	7.4	7.6	8.0	ISO 273 / DIN 406	Clearance (through) hole, non-threaded
M8	8.4	9.0	10.0	ISO 273 / DIN 406	Clearance (through) hole, non-threaded
M10	10.5	11.0	12.0	ISO 273 / DIN 406	Clearance (through) hole, non-threaded
M12	13.0	13.5	14.5	ISO 273 / DIN 406	Clearance (through) hole, non-threaded

Thread size	Fine H12 (mm)	Medium H13 (mm)	Coarse H14 (mm)	Reference standard	Application
M14	15.0	15.5	16.5	ISO 273 / DIN 406	Clearance (through) hole, non-threaded
M16	17.0	17.5	18.5	ISO 273 / DIN 406	Clearance (through) hole, non-threaded
M18	19.0	20.0	21.0	ISO 273 / DIN 406	Clearance (through) hole, non-threaded
M20	21.0	22.0	24.0	ISO 273 / DIN 406	Clearance (through) hole, non-threaded
M22	23.0	24.0	26.0	ISO 273 / DIN 406	Clearance (through) hole, non-threaded
M24	25.0	26.0	28.0	ISO 273 / DIN 406	Clearance (through) hole, non-threaded
M27	28.0	30.0	32.0	ISO 273 / DIN 406	Clearance (through) hole, non-threaded
M30	31.0	33.0	35.0	ISO 273 / DIN 406	Clearance (through) hole, non-threaded
M33	34.0	36.0	38.0	ISO 273 / DIN 406	Clearance (through) hole, non-threaded
M36	37.0	39.0	42.0	ISO 273 / DIN 406	Clearance (through) hole, non-threaded
M39	40.0	42.0	45.0	ISO 273 / DIN 406	Clearance (through) hole, non-threaded
M42	43.0	45.0	48.0	ISO 273 / DIN 406	Clearance (through) hole, non-threaded
M45	46.0	48.0	52.0	ISO 273 / DIN 406	Clearance (through) hole, non-threaded
M48	50.0	52.0	56.0	ISO 273 / DIN 406	Clearance (through) hole, non-threaded
M52	54.0	56.0	62.0	ISO 273 / DIN 406	Clearance (through) hole, non-threaded

Thread size	Fine H12 (mm)	Medium H13 (mm)	Coarse H14 (mm)	Reference standard	Application
M56	58.0	62.0	66.0	ISO 273 / DIN 406	Clearance (through) hole, non-threaded
M60	62.0	66.0	70.0	ISO 273 / DIN 406	Clearance (through) hole, non-threaded
M64	66.0	70.0	74.0	ISO 273 / DIN 406	Clearance (through) hole, non-threaded

Related Fasteners

- [Tap Drill Sizes — ISO 2306 \(reference\)](#)
- [Metric Fine Thread Dimensions — ISO 724](#)
- [Bolt Property Classes — ISO 898-1](#)
- [Tightening Torque Reference — ISO 898 \(reference\)](#)
- [Metric Thread Dimensions — ISO 724 / ISO 965](#)

Frequently Asked Questions

What does the Clearance Hole Sizes reference table cover?

Clearance Hole Sizes is an engineering reference table aligned with ISO 273. Use the values alongside our fastener catalog when selecting and specifying parts.

How do I request a quotation?

Use the parametric drawing on this page to set the exact configuration (size, material, finish) and click "Request this configuration" — a specialist from engineeringhardware.com will respond within one business day.

More Engineering Reference

[← Previous](#)[Tap Drill SizesISO 2306 \(reference\)](#)[Next →](#)[Metric Thread DimensionsISO 724 / ISO 965](#)