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General Tolerance : ISO 2768 | For Linear and Geometric ...
Fits and tolerance calculator for shaft and hole according to ISO 286-1 and ANSI B4.2 metric standards. The schematic representation of the fit is also drawn. The tolerances defined in ISO 286-1 are applicable to size range from 0 mm to 3150 mm but there are exceptional cases defined in the standard which depend on tolerance selection.

Diameter mm Tolerance mm 8 > 11 +/-0.15 11 > 15.5 +/-0.18 15.5 > 22 +/-0.20 22 > 25 +/-0.23 25 > 28 +/-0.25 28 > 31.5 +/-0.28 31.5 > 34.5 +/-0.30 34.5 > 38 +/-0.35 38 > 50 +0.40/-0 50 > 63 +0.80/-0 63 > 90 +1.20/-0 90 > 115 +1.60/-0 115 > 140 +2.00/-0 140 > 165 +3.00/-0 165 > 200 +4.00/-0 200 > 300 +4.80/-0 300 > 400 +5.50/-0
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ISO 2768 - General Geometrical Tolerances and Technical ...
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SHAFT TOLERANCE TABLE (ISO)
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General Tolerance Table Charts for Standard Shaft Hole ...

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ANSI standards allow slightly wider tolerances for screw lengths than ISO and DIN. The table is intended to assist in the design with metric fasteners. For tolerances not listed here refer to the complete standards. ISO TOLERANCES FOR METRIC FASTENERS ISO TOLERANCES FOR SOCKET SCREWS nominal tolerance zone in mm (external measurements ...
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Engineering, Manufacturing Tolerance Limits Fits Charts ...
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ISO Hole & Shaft tolerances/limits - Roy Mech
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