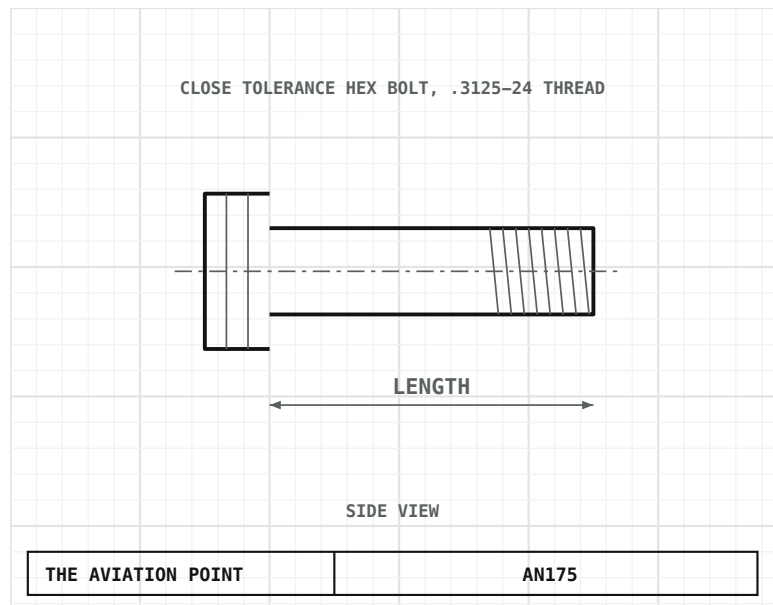
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AN175 — close tolerance hex bolt, .3125-24 thread

Bolt, Close Tolerance, Hexagon Head: thread, grip, length and commonly stocked part numbers.



AN175



Engineering drawing · dimensions in inches

Specification

Item	Value
Type	Close tolerance bolt
Status	Check the current issue before design use.

Dimensions by size

Dimension, in	.3125-24
Thread	.3125-24

Thread as stated for the standard. Head and shank dimensions are not shown here: take them from the standard.

Part numbers

.3125-24 41 part numbers

Part no.	Grip, in	Length, in
AN175-10A	9/16	1-3/32
AN175-10	9/16	1-3/32
AN175-11A	11/16	1-7/32
AN175-11	11/16	1-7/32
AN175-12A	13/16	1-11/32
AN175-12	13/16	1-11/32
AN175-13A	15/16	1-15/32
AN175-13	15/16	1-15/32
AN175-14A	1-1/16	1-19/32
AN175-14	1-1/16	1-19/32
AN175-15A	1-3/16	1-23/32
AN175-15	1-3/16	1-23/32
AN175-16A	1-5/16	1-27/32
AN175-16	1-5/16	1-27/32
AN175-17A	1-7/16	1-31/32
AN175-17	1-7/16	1-31/32
AN175-20A	1-9/16	2-3/32
AN175-20	1-9/16	2-3/32
AN175-21A	1-11/16	2-7/32
AN175-21	1-11/16	2-7/32
AN175-22A	1-13/16	2-11/32
AN175-22	1-13/16	2-11/32
AN175-23A	1-15/16	2-15/32
AN175-23	1-15/16	2-15/32
AN175-24A	2-1/16	2-19/32
AN175-24	2-1/16	2-19/32
AN175-25A	2-3/16	2-23/32
AN175-25	2-3/16	2-23/32
AN175-26A	2-5/16	2-27/32
AN175-26	2-5/16	2-27/32
AN175-27A	2-7/16	2-31/32
AN175-27	2-7/16	2-31/32
AN175-30A	2-9/16	3-3/32
AN175-30	2-9/16	3-3/32
AN175-31A	2-11/16	3-7/32
AN175-31	2-11/16	3-7/32
AN175-32A	2-13/16	3-11/32
AN175-32	2-13/16	3-11/32
AN175-33A	2-15/16	3-15/32
AN175-33	2-15/16	3-15/32
AN175C32A	2-11/16	3-7/32

How to read the part number

Part	Meaning
Format	AN175-<dash>
A	Variant: Undrilled shank (after the dash)
C	Variant: Corrosion resistant steel (after the basic number)
H	Variant: Drilled head (after the basic number)
Example	AN175-10A — Close tolerance bolt, .3125-24 thread, grip 9/16, length 1-3/32, drilled shank

Notes

- A after the dash number: undrilled shank (rows without A are drilled).
- C after the basic number: corrosion resistant steel. H after the basic number: drilled head. These variants appear in the rows with C or H in the number.
- Uncommon: may require lead time and factory minimums.
- Part number format as commonly written; check the standard for the exact format.
- Approved data governs. Use the bolt the SRM, drawing or IPC calls for.

SOURCES · AN175 — Bolt, Close Tolerance, Hexagon Head

SCAN · OPEN THIS DATA SHEET
theaviationpoint.com/parts/structural-bolts/an175/