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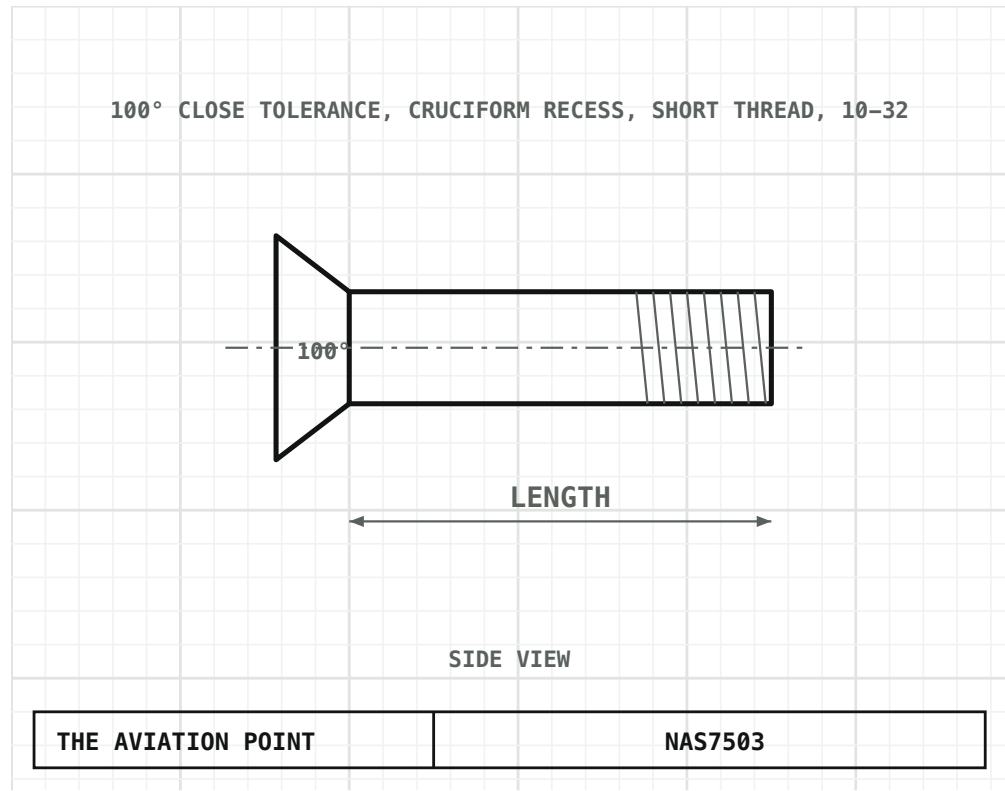
The Aviation Point

NAS7503 — 100° close tolerance, cruciform recess, short thread, 10-32

Bolt, 100° Close Tolerance, Cruciform Recess, A-286 CRES, Short Thread: thread, grip, length and commonly stocked part numbers.



NAS7503



Engineering drawing · dimensions in inches

Specification

Item	Value
Type	Close tolerance bolt
Material	A-286 corrosion-resistant steel
Strength	Ultimate tensile 160 ksi, ultimate shear 95 ksi min
Status	Check the current issue before design use.

Dimensions by size

Dimension, in	10-32
Thread	10-32

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

Part numbers

10-32 6 part numbers

Part no.	Grip, in	Length, in
NAS7503-3	.188	.511
NAS7503-4	.250	.573
NAS7503-5	.312	.635
NAS7503-6	.375	.698
NAS7503-8	.500	.823
NAS7503-12	.750	1.073

How to read the part number

Part	Meaning
Format	NAS7503-<dash>
Example	NAS7503-3 — Close tolerance bolt, 10-32 thread, grip .188, length .511

Notes

- 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 · NAS7503 — Bolt, 100° Close Tolerance, Cruciform Recess, A-286 CRES, Short Thread

SCAN · OPEN THIS DATA SHEET
theaviationpoint.com/parts/structural-bolts/nas7503/

Reference data. The aircraft manufacturer's documentation (SRM / IPC) takes precedence.