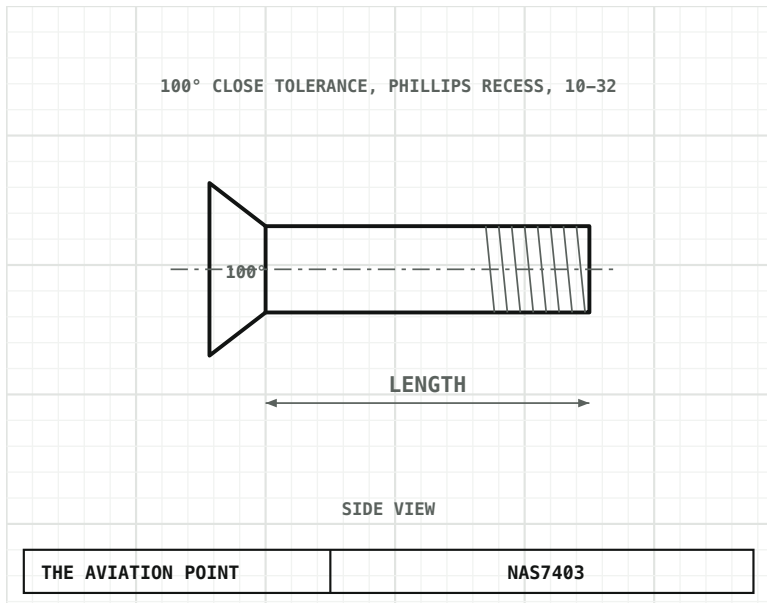
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NAS7403 — 100° close tolerance, Phillips recess, 10-32

Bolt, 100° Close Tolerance, Phillips Recess, Alloy Steel: thread, grip, length and commonly stocked part numbers.



NAS7403



Engineering drawing · dimensions in inches

Specification

Item	Value
Type	Close tolerance bolt
Material	Alloy steel
Strength	Ultimate tensile 160-180 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 19 part numbers

Part no.	Grip, in	Length, in
NAS7403-2	.125	.448
NAS7403-3	.188	.511
NAS7403-4	.250	.573
NAS7403-5	.312	.635
NAS7403-6	.375	.698
NAS7403-8	.500	.823
NAS7403-10	.625	.948
NAS7403-11	.688	1.011
NAS7403-12	.750	1.073
NAS7403-13	.812	1.135
NAS7403-14	.875	1.198
NAS7403-15	.938	1.261
NAS7403-16	1.00	1.323
NAS7403-17	1.062	1.385
NAS7403-18	1.125	1.448
NAS7403-20	1.250	1.573
NAS7403-22	1.375	1.698
NAS7403-23	1.438	1.761
NAS7403-31	1.938	2.261

How to read the part number

Part	Meaning
Format	NAS7403-<dash>
Example	NAS7403-2 — Close tolerance bolt, 10-32 thread, grip .125, length .448

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 · NAS7403 — Bolt, 100° Close Tolerance, Phillips Recess, Alloy Steel

SCAN · OPEN THIS DATA SHEET
theaviationpoint.com/parts/structural-bolts/nas7403/