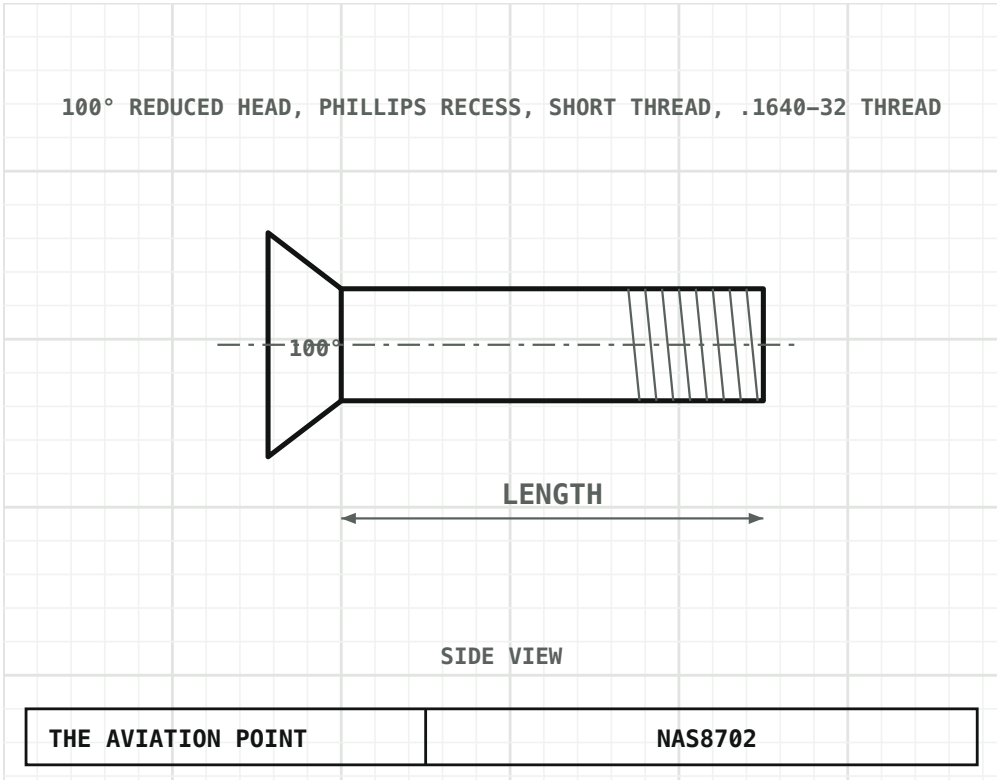
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NAS8702 — 100° reduced head, Phillips recess, short thread, .1640-32 thread

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



NAS8702



Engineering drawing · dimensions in inches

Specification

Item	Value
Type	100° close tolerance bolt
Material	A-286 corrosion-resistant steel, unplated (U)
Strength	Ultimate tensile 160 ksi, ultimate shear 95 ksi
Status	Check the current issue before design use.

Dimensions by size

Dimension, in	.1640-32
Thread	.1640-32

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

Part numbers

.1640-32 9 part numbers

Part no.	Grip, in	Length, in
NAS8702-2	.125	.448
NAS8702-3	.188	.511
NAS8702-4	.250	.573
NAS8702-5	.312	.635
NAS8702-6	.375	.698
NAS8702-7	.438	.761
NAS8702-8	.500	.823
NAS8702-9	.562	.885
NAS8702-11	.688	1.011

How to read the part number

Part	Meaning
Format	NAS8702-<dash>
Example	NAS8702-2 — 100° close tolerance bolt, .1640-32 thread, grip .125, length .448

Notes

- U indicates unplated.
- 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 · NAS8702 — Bolt, 100° Close Tolerance, Reduced Head, Phillips Recess, A-286 CRES, Short Thread

SCAN · OPEN THIS DATA SHEET
theaviationpoint.com/parts/structural-bolts/nas8702/