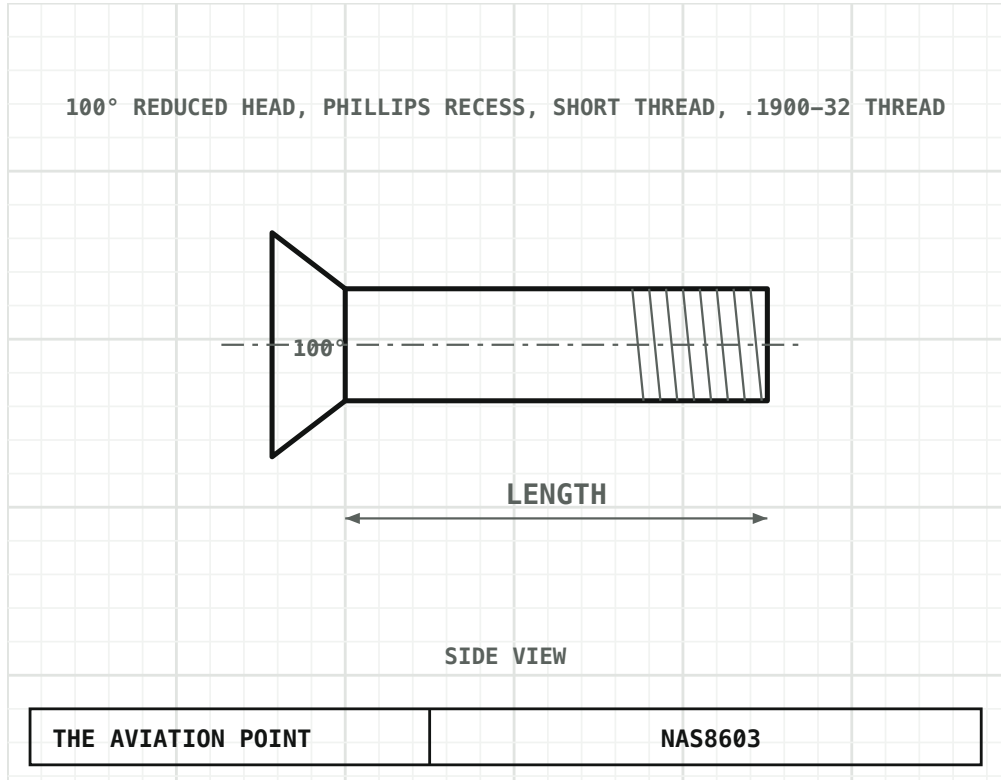
THE AVIATION POINT · THEAVIATIONPOINT.COM · THE AVIATION POINT · THEAVIATIONPOINT.COM · THE AVIATION POINT · THEAVIATIONPOINT.COM · THE AVIATION POINT · THEAVIATIONPOINT.COM · THE AVIATION POINT · THEAVIATIONPOINT.COM · THE AVIATION POINT

NAS8603 — 100° reduced head, Phillips recess, short thread, .1900-32 thread

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



NAS8603



Engineering drawing · dimensions in inches

Specification

Item	Value
Type	100° close tolerance bolt
Material	Alloy steel
Strength	Ultimate tensile 160 ksi, ultimate shear 95 ksi
Status	Check the current issue before design use.

Dimensions by size

Dimension, in	.1900-32
Thread	.1900-32

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

Part numbers

.1900-32 11 part numbers

Part no.	Grip, in	Length, in
NAS8603-1	.062	.385
NAS8603-2	.125	.448
NAS8603-3	.188	.511
NAS8603-4	.250	.573
NAS8603-5	.312	.635
NAS8603-6	.375	.698
NAS8603-7	.438	.761
NAS8603-8	.500	.823
NAS8603-9	.562	.885
NAS8603-10	.625	.948
NAS8603-12	.750	1.073

How to read the part number

Part	Meaning
Format	NAS8603-<dash>
Example	NAS8603-1 — 100° close tolerance bolt, .1900-32 thread, grip .062, length .385

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 · NAS8603 — Bolt, 100° Close Tolerance, Reduced Head, Phillips Recess, Alloy Steel, Short Thread

SCAN · OPEN THIS DATA SHEET
theaviationpoint.com/parts/structural-bolts/nas8603/