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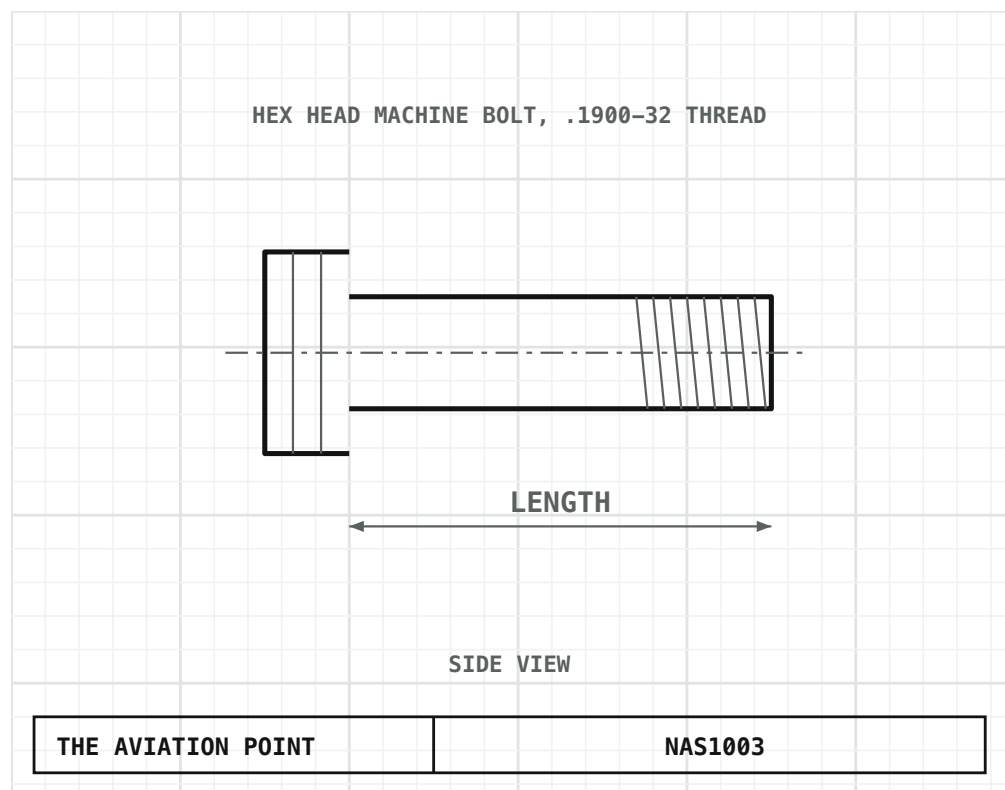
The Aviation Point

NAS1003 — hex head machine bolt, .1900-32 thread

Bolt, Hexagon Head, Machine, A-286 Corrosion Resistant Steel: thread, grip, length and commonly stocked part numbers.



NAS1003



Engineering drawing · dimensions in inches

Specification

Item	Value
Type	Hexagon head machine bolt
Material	A-286 corrosion-resistant steel
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 9 part numbers

Part no.	Grip, in	Length, in
NAS1003-1	.062	.543
NAS1003-2	.125	.606
NAS1003-3	.188	.669
NAS1003-4	.250	.731
NAS1003-5	.312	.793
NAS1003-7	.438	.919
NAS1003-8	.500	.981
NAS1003-9	.562	1.043
NAS1003-10	.625	1.106

How to read the part number

Part	Meaning
Format	NAS1003-<dash>
Example	NAS1003-1 — Hexagon head machine bolt, .1900-32 thread, grip .062, length .543

Notes

- A after the dash number indicates an undrilled shank (the catalogue lists the dash number without it).
- 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 · NAS1003 — Bolt, Hexagon Head, Machine, A-286 Corrosion Resistant Steel

SCAN · OPEN THIS DATA SHEET
theaviationpoint.com/parts/structural-bolts/nas1003/

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