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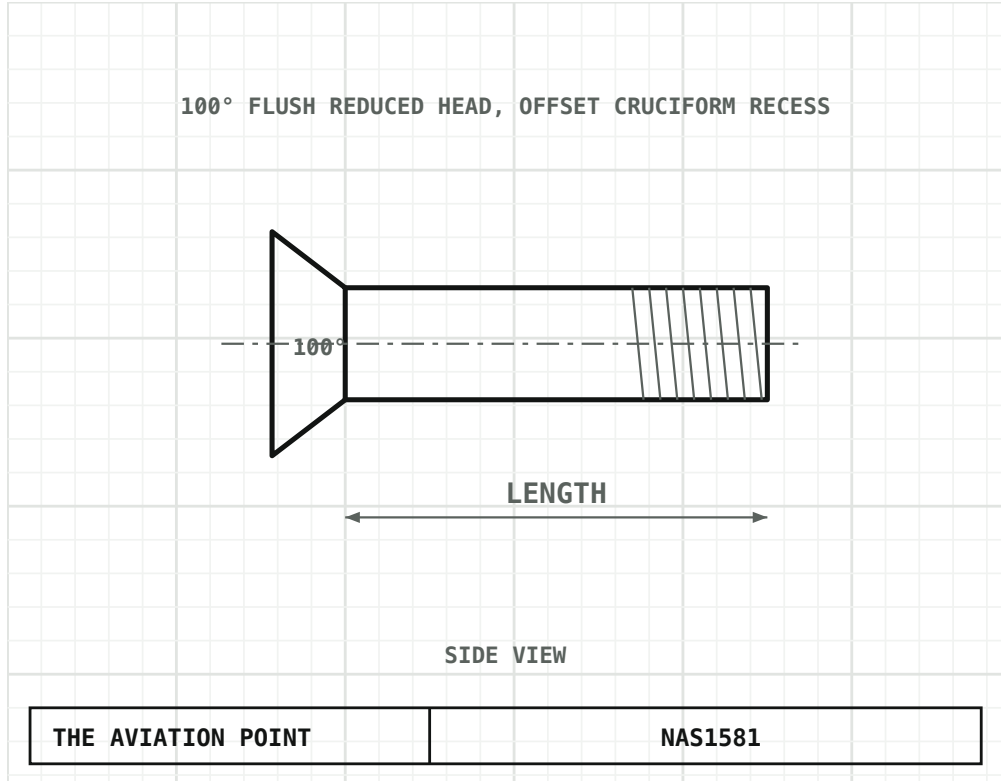
The Aviation Point

NAS1581 — 100° flush reduced head, offset cruciform recess

Bolt, 100° Flush Reduced Head, Offset Cruciform Recess: thread, grip, length and commonly stocked part numbers.



NAS1581



Engineering drawing · dimensions in inches

Specification

Item	Value
Type	100° flush reduced head bolt
Material	F: alloy steel; C: A-286 corrosion-resistant steel
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 29 part numbers

Part no.	Grip, in	Length, in
NAS1581F3T2	.125	.487
NAS1581C3T2	.125	.487
NAS1581C3T2P	.125	.487
NAS1581F3T3	.187	.549
NAS1581C3T3	.187	.549
NAS1581C3T3P	.187	.549
NAS1581F3T4	.250	.613
NAS1581C3T4	.250	.613
NAS1581C3T4P	.250	.613

Part no.	Grip, in	Length, in
NAS1581F3T5	.312	.675
NAS1581C3T5	.312	.675
NAS1581C3T5P	.312	.675
NAS1581F3T6	.375	.738
NAS1581C3T6	.375	.738
NAS1581C3T6P	.375	.738
NAS1581F3T7	.438	.801
NAS1581C3T7	.438	.801
NAS1581F3T8	.500	.863
NAS1581C3T8	.500	.863

Part no.	Grip, in	Length, in
NAS1581F3T9	.562	.925
NAS1581C3T9	.562	.925
NAS1581F3T10	.625	.988
NAS1581C3T10	.625	.988
NAS1581F3T11	.688	1.051
NAS1581C3T11	.688	1.051
NAS1581F3T12	.750	1.113
NAS1581C3T12	.750	1.113
NAS1581F3T14	.875	1.238
NAS1581C3T14	.875	1.238

How to read the part number

Part	Meaning
F	Material: Alloy steel
C	Material: A-286 corrosion-resistant steel
P	Material: Suffix P: cadmium plating, Type II Class 2
Example	NAS1581F3T2 — 100° flush reduced head bolt, grip .125, length .487

Notes

- Grip tolerance ±.010.
- Offset cruciform recess per MS14191.
- 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 · NAS1581 — Bolt, 100° Flush Reduced Head, Offset Cruciform Recess

SCAN · OPEN THIS DATA SHEET
theaviationpoint.com/parts/structural-bolts/nas1581/

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