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AN509 screw — 100° flat countersunk, structural, legacy designation

Screw, Machine, 100° Flat Head, Structural: thread sizes, lengths and commonly stocked part numbers.



AN509

Specification

Item	Value
Head	100° flat countersunk, structural, legacy designation
Drive	cross recess
Status	Check the current issue before design use.

Part numbers and lengths

8-32 20 part numbers

Part no.	Length, in	Grip, in
AN509-8R4	9/32	3/32
AN509-8R5	11/32	3/32
AN509-8R6	13/32	3/32
AN509-8R7	15/32	3/32
AN509-8R8	17/32	3/32
AN509-8R9	19/32	5/32
AN509-8R10	21/32	7/32
AN509-8R11	23/32	9/32
AN509-8R12	25/32	11/32
AN509-8R13	27/32	13/32
AN509-8R14	29/32	15/32
AN509-8R15	31/32	17/32
AN509-8R16	1-1/32	19/32
AN509-8R17	1-3/32	21/32
AN509-8R18	1-5/32	23/32
AN509-8R19	1-7/32	25/32
AN509-8R20	1-9/32	27/32
AN509-8R21	1-11/32	29/32
AN509-8R22	1-13/32	31/32
AN509-8R23	1-15/32	1-1/32

10-32 32 part numbers

Part no.	Length, in	Grip, in
AN509-10R4	9/32	7/64
AN509-10R5	11/32	7/64
AN509-10R6	13/32	7/64
AN509-10R7	15/32	7/64
AN509-10R8	17/32	7/64
AN509-10R9	19/32	7/64
AN509-10R10	21/32	3/16
AN509-10R11	23/32	1/4
AN509-10R12	25/32	5/16
AN509-10R13	27/32	3/8
AN509-10R14	29/32	7/16
AN509-10R15	31/32	1/2
AN509-10R16	1-1/32	9/16
AN509-10R17	1-3/32	5/8
AN509-10R18	1-5/32	11/16
AN509-10R19	1-7/32	3/4
AN509-10R20	1-9/32	13/16
AN509-10R21	1-11/32	7/8
AN509-10R22	1-13/32	15/16
AN509-10R23	1-15/32	1
AN509-10R24	1-17/32	1-1/16
AN509-10R25	1-19/32	1-1/8
AN509-10R26	1-21/32	1-3/16
AN509-10R27	1-23/32	1-1/4
AN509-10R28	1-25/32	1-5/16
AN509-10R29	1-27/32	1-3/8
AN509-10R30	1-29/32	1-7/16
AN509-10R32	2-1/32	1-9/16
AN509-10R34	2-5/32	1-11/16
AN509-10R36	2-9/32	1-13/16
AN509-10R37	2-11/32	1-7/8
AN509-10R38	2-13/32	1-15/16

Notes

- Old AN designation; MS24694 is the current standard. Number: thread code (8 or 10), R, then a sequence number; length and grip as listed.
- Part number written as the listing writes it; the standard governs the exact format.
- Approved data governs. Use the screw the SRM, drawing or IPC calls for.

SOURCES · AN509 — Screw, Machine, 100° Flat Head, Structural

SCAN · OPEN THIS DATA SHEET
theaviationpoint.com/parts/screws/an509/

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