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AN507 screw — 100° flat countersunk, legacy designation

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



AN507

Specification

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

Part numbers and lengths

4-40 10 part numbers

Part no.	Length, in
AN507-440R3	3/16
AN507-440R4	1/4
AN507-440R5	5/16
AN507-440R6	3/8
AN507-440R7	7/16
AN507-440R8	1/2
AN507-440R10	5/8
AN507-440R12	3/4
AN507-440R14	7/8
AN507-440R16	1

6-32 13 part numbers

Part no.	Length, in
AN507-632R3	3/16
AN507-632R4	1/4
AN507-632R5	5/16
AN507-632R6	3/8
AN507-632R7	7/16
AN507-632R8	1/2
AN507-632R10	5/8
AN507-632R12	3/4
AN507-632R14	7/8
AN507-632R16	1
AN507-632R18	1-1/8
AN507-632R20	1-1/4
AN507-632R24	1-1/2

8-32 12 part numbers

Part no.	Length, in
AN507-832R4	1/4
AN507-832R5	5/16
AN507-832R6	3/8
AN507-832R7	7/16
AN507-832R8	1/2
AN507-832R10	5/8
AN507-832R12	3/4
AN507-832R14	7/8
AN507-832R16	1
AN507-832R18	1-1/8
AN507-832R20	1-1/4
AN507-832R24	1-1/2

10-32 17 part numbers

Part no.	Length, in
AN507-1032R4	1/4
AN507-1032R5	5/16
AN507-1032R6	3/8
AN507-1032R7	7/16
AN507-1032R8	1/2
AN507-1032R9	9/16
AN507-1032R10	5/8
AN507-1032R12	3/4
AN507-1032R14	7/8
AN507-1032R16	1
AN507-1032R18	1-1/8
AN507-1032R20	1-1/4
AN507-1032R24	1-1/2
AN507-1032R26	1-5/8
AN507-1032R28	1-3/4
AN507-1032R32	2
AN507-1032R40	2-1/2

Notes

- Old AN designation; MS24693 is the current standard. Number: thread code (440, 632, 832, 1032), R, then length in sixteenths of an inch.
- The listing gives MS24693 carbon-steel (S) numbers beside it; corrosion-resistant versions are MS24693-C with the same digits.
- 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 · AN507 — Screw, Machine, 100° Flat Head, Non-Structural

SCAN · OPEN THIS DATA SHEET
theaviationpoint.com/parts/screws/an507/

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

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