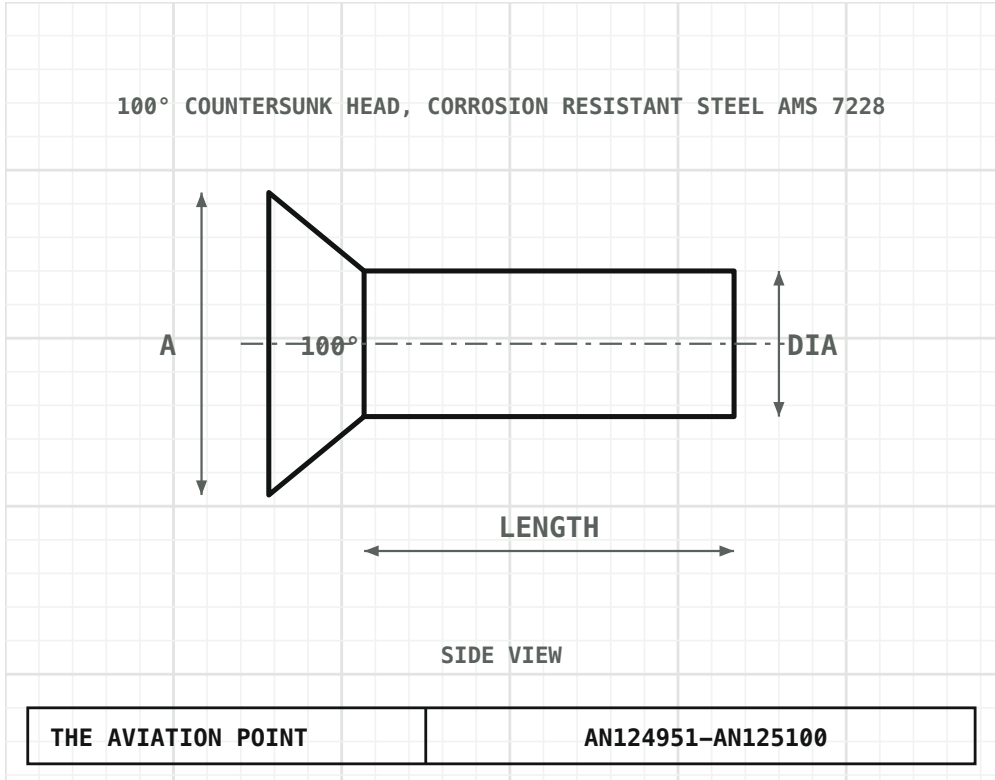
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AN124951-AN125100 rivet — 100° countersunk head, corrosion resistant steel AMS 7228

AN124951 thru AN125100: solid rivet, 100° countersunk head, corrosion resistant steel.



Engineering drawing · dimensions in inches

Specification

Item	Value
Type	Solid rivet, 100° countersunk head, corrosion resistant steel
Material	Corrosion resistant steel, AMS 7228
Finish	None specified
Status	Cancelled by the notice of 29 Dec 1999 and superseded by SAE-AS124951 thru SAE-AS125100; the part numbers are identical.

Dimensions by size

Dimension, in	.062	.094	.125	.156	.188	.250	.312	.375
DIA — DIA, shank dia (a)	.062	.094	.125	.156	.188	.250	.312	.375
DIA tolerance	±.001	±.001	+.001 / -.002	+.001 / -.002	+.001 / -.002	±.002	±.002	±.002
A — A, head dia	.105 +.002 / -.006	.170 +.002 / -.006	.216 +.002 / -.006	.278 +.002 / -.006	.344 +.003 / -.007	.467 +.003 / -.007	.555 +.003 / -.007	.685 +.003 / -.007
B — B, head height (+.001 / -.003)	.022	.036	.042	.055	.070	.095	.106	.134
C — C, approx. material for full head, ref	.116	.169	.225	.281	.338	.450	.561	.675
X — X, head to shank concentricity, FIR	.010	.010	.010	.015	.015	.020	.020	.020

Dimensions in inches, as tabulated in the standard (letters as on its drawing).

Part numbers

.062 9 part numbers

Part no.	Length L, in
AN124951	.125
AN124952	.188
AN124953	.250
AN124954	.312
AN124955	.375
AN124956	.438
AN124957	.500
AN124958	.562
AN124959	.625

.094 11 part numbers

Part no.	Length L, in
AN124970	.188
AN124971	.250
AN124972	.312
AN124973	.375
AN124974	.438
AN124975	.500
AN124976	.562
AN124977	.625
AN124978	.750
AN124979	.875
AN124980	1.000

.125 14 part numbers

Part no.	Length L, in
AN124989	.250
AN124990	.312
AN124991	.375
AN124992	.438
AN124993	.500
AN124994	.562
AN124995	.625
AN124996	.750
AN124997	.875
AN124998	1.000
AN124999	1.125
AN125000	1.250
AN125001	1.375
AN125002	1.500

.156 13 part numbers

Part no.	Length L, in
AN125008	.312
AN125009	.375
AN125010	.438
AN125011	.500
AN125012	.562
AN125013	.625
AN125014	.750
AN125015	.875
AN125016	1.000
AN125017	1.125
AN125018	1.250
AN125019	1.375
AN125020	1.500

Reference data. The aircraft manufacturer's documentation (SRM / IPC) takes precedence.
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.188 12 part numbers

Part no.	Length L, in
AN125027	.375
AN125028	.438
AN125029	.500
AN125030	.562
AN125031	.625
AN125032	.750
AN125033	.875
AN125034	1.000
AN125035	1.125
AN125036	1.250
AN125037	1.375
AN125038	1.500

.250 10 part numbers

Part no.	Length L, in
AN125047	.500
AN125048	.562
AN125049	.625
AN125050	.750
AN125051	.875
AN125052	1.000
AN125053	1.125
AN125054	1.250
AN125055	1.375
AN125056	1.500

.312 8 part numbers

Part no.	Length L, in
AN125067	.625
AN125068	.750
AN125069	.875
AN125070	1.000
AN125071	1.125
AN125072	1.250
AN125073	1.375
AN125074	1.500

.375 7 part numbers

Part no.	Length L, in
AN125086	.750
AN125087	.875
AN125088	1.000
AN125089	1.125
AN125090	1.250
AN125091	1.375
AN125092	1.500

How to read the part number

Part	Meaning
Example	AN124951 — .062 in diameter, .125 in long

Notes

- **Cancelled: use SAE-AS124951 thru SAE-AS125100.** AN124951-AN125100 is cancelled (Cancelled by the notice of 29 Dec 1999 and superseded by SAE-AS124951 thru SAE-AS125100; the part numbers are identical.). Replacement named by the standard: SAE-AS124951 thru SAE-AS125100. The old number AN124951 still turns up on drawings and IPCs: check the replacement for each part before you order.
- Head angle 100° (reference). Head edge .002 - .010. Fillet under the head .005 - .010 R.
- (a) Shank diameter to be measured within .100 of the base of the head. The head must be concentric with the shank diameter within X FIR.
- Linear tolerance ±.010 unless otherwise specified. Do not use unassigned part numbers.
- Part number: each number is one diameter and one length L, as tabulated; there are no dash numbers.
- Approved data governs. Use the rivet the SRM, drawing or IPC calls for.

SOURCES · AN124951 thru AN125100 Rev. 3, 27 Jun 1974 — Rivet - 100° Countersunk Head, Corrosion Resistant Steel

SCAN · OPEN THIS DATA SHEET
theaviationpoint.com/parts/solid-rivets/an124951-an125100/