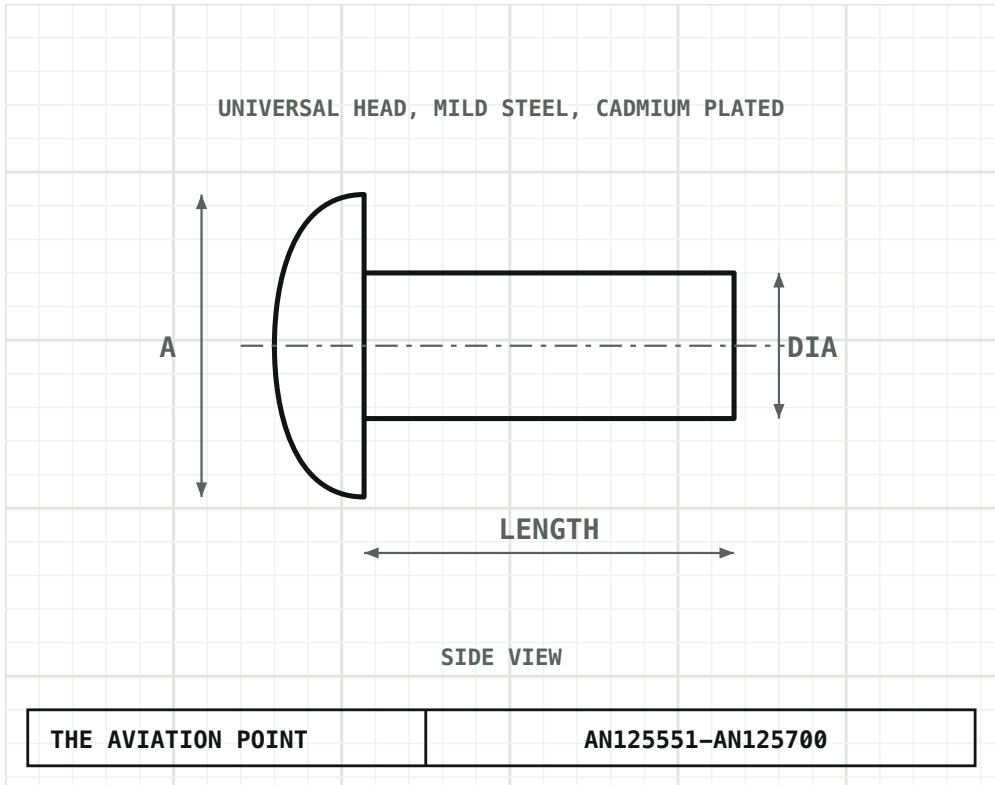
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The Aviation Point

AN125551-AN125700 rivet — universal head, mild steel, cadmium plated

AN125551 thru AN125700: solid rivet, universal head, mild steel.



Engineering drawing · dimensions in inches

Specification

Item	Value
Type	Solid rivet, universal head, mild steel
Material	Steel (mild steel)
Finish	Cadmium plate, AMS 2400
Status	Cancelled by the notice of 29 Dec 1999 and superseded by SAE-AS125551 thru SAE-AS125700; the part numbers are identical.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	+.003 / -.004	+.003 / -.004	±.004	±.004	+.004 / -.006	+.004 / -.006	+.004 / -.008	+.005 / -.010
A — A, head dia	.125 ± .006	.188 ± .009	.250 ± .012	.312 ± .016	.375 ± .019	.500 ± .025	.625 ± .031	.750 ± .037
B — B, head height (+.010 / -.000)	.027	.040	.054	.067	.080	.107	.133	.161
C — C, approx. material for full head	.094	.141	.188	.234	.281	.375	.469	.562
D — D, head radius	.054	.082	.108	.135	.164	.217	.272	.328
E — E, identification triangle (see drawing)	.031	.046	.062	.078	.093	.125	.156	.187
F — F, identification triangle (see drawing)	.015	.023	.031	.039	.046	.062	.078	.093
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 7 part numbers

Part no.	Length L, in
AN125551	.125
AN125552	.188
AN125553	.250
AN125554	.312
AN125555	.375
AN125556	.438
AN125557	.500

.094 11 part numbers

Part no.	Length L, in
AN125570	.188
AN125571	.250
AN125572	.312
AN125573	.375
AN125574	.438
AN125575	.500
AN125576	.562
AN125577	.625
AN125578	.750
AN125579	.875
AN125580	1.000

.125 15 part numbers

Part no.	Length L, in
AN125588	.188
AN125589	.250
AN125590	.312
AN125591	.375
AN125592	.438
AN125593	.500
AN125594	.562
AN125595	.625
AN125596	.750
AN125597	.875
AN125598	1.000
AN125599	1.125
AN125600	1.250
AN125601	1.375
AN125602	1.500

.156 14 part numbers

Part no.	Length L, in
AN125607	.250
AN125608	.312
AN125609	.375
AN125610	.438
AN125611	.500
AN125612	.562
AN125613	.625
AN125614	.750
AN125615	.875
AN125616	1.000
AN125617	1.125
AN125618	1.250
AN125619	1.375
AN125620	1.500

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

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.188 14 part numbers

Part no.	Length L, in
AN125625	.250
AN125626	.312
AN125627	.375
AN125628	.438
AN125629	.500
AN125630	.562
AN125631	.625
AN125632	.750
AN125633	.875
AN125634	1.000
AN125635	1.125
AN125636	1.250
AN125637	1.375
AN125638	1.500

.250 13 part numbers

Part no.	Length L, in
AN125644	.312
AN125645	.375
AN125646	.438
AN125647	.500
AN125648	.562
AN125649	.625
AN125650	.750
AN125651	.875
AN125652	1.000
AN125653	1.125
AN125654	1.250
AN125655	1.375
AN125656	1.500

.312 8 part numbers

Part no.	Length L, in
AN125667	.625
AN125668	.750
AN125669	.875
AN125670	1.000
AN125671	1.125
AN125672	1.250
AN125673	1.375
AN125674	1.500

.375 7 part numbers

Part no.	Length L, in
AN125686	.750
AN125687	.875
AN125688	1.000
AN125689	1.125
AN125690	1.250
AN125691	1.375
AN125692	1.500

How to read the part number

Part	Meaning
Example	AN125551 — .062 in diameter, .125 in long

Notes

- **Cancelled: use SAE-AS125551 thru SAE-AS125700.** AN125551-AN125700 is cancelled (Cancelled by the notice of 29 Dec 1999 and superseded by SAE-AS125551 thru SAE-AS125700; the part numbers are identical.). Replacement named by the standard: SAE-AS125551 thru SAE-AS125700. The old number AN125551 still turns up on drawings and IPCs: check the replacement for each part before you order.
- Identification: triangle marking on the head, depressed .020 max. Head edge: .015 max flat permissible. Fillet under the head .005 - .020 R.
- (a) Shank diameter to be measured within .100 of the back 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 · AN125551 thru AN125700 Rev. 3, 27 Jun 1974 — Rivet - Universal Head, Mild Steel

SCAN · OPEN THIS DATA SHEET
theaviationpoint.com/parts/solid-rivets/an125551-an125700/

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

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