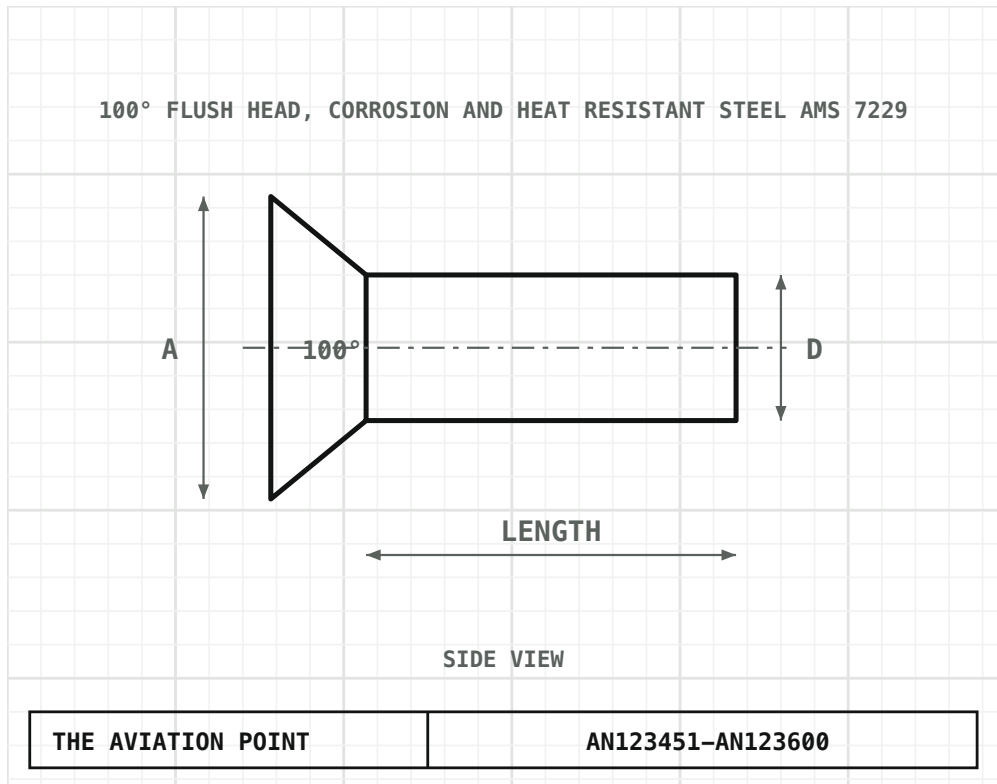
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AN123451-AN123600 rivet — 100° flush head, corrosion and heat resistant steel AMS 7229

AN123451 thru AN123600: solid rivet, 100° flush head, high temperature.



Engineering drawing · dimensions in inches

Specification

Item	Value
Type	Solid rivet, 100° flush head, high temperature
Material	Steel, corrosion and heat resistant, AMS 7229 (material and manufacture)
Finish	As specified by AMS 7229
Status	Cancelled by the notice of 29 Dec 1999 and superseded by SAE-AS123451 thru SAE-AS123600; the part numbers are identical.

Dimensions by size

Dimension, in	.062	.094	.125	.156	.188	.250	.312	.375
D — D, shank dia (a)	.062	.094	.125	.156	.188	.250	.312	.375
D 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 (b)	.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	.112	.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 17 part numbers

Part no.	Length L, in
AN123451	.125
AN123460	.156
AN123452	.188
AN123461	.219
AN123453	.250
AN123462	.281
AN123454	.312
AN123463	.344
AN123455	.375
AN123464	.406
AN123456	.438
AN123465	.469
AN123457	.500
AN123466	.531
AN123458	.562
AN123467	.594
AN123459	.625

.094 27 part numbers

Part no.	Length L, in
AN123468	.188
AN123479	.219
AN123469	.250
AN123480	.281
AN123470	.312
AN123481	.344
AN123471	.375
AN123482	.406
AN123472	.438
AN123483	.469
AN123473	.500
AN123484	.531
AN123474	.562
AN123485	.594
AN123475	.625
AN123499	.656
AN123500	.688
AN123501	.719
AN123476	.750
AN123515	.781
AN123516	.812
AN123517	.844
AN123477	.875
AN123518	.906
AN123531	.938
AN123532	.969
AN123478	1.000

.125 39 part numbers

Part no.	Length L, in
AN123486	.312
AN123533	.344
AN123487	.375
AN123534	.406
AN123488	.438
AN123535	.469
AN123489	.500
AN123536	.531
AN123490	.562
AN123547	.594
AN123491	.625
AN123548	.656
AN123549	.688
AN123550	.719
AN123492	.750
AN123551	.781
AN123552	.812
AN123553	.844
AN123493	.875
AN123554	.906

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

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Part no.	Length L, in
AN123563	.938
AN123564	.969
AN123494	1.000
AN123565	1.031
AN123566	1.062
AN123567	1.094
AN123495	1.125
AN123568	1.156
AN123569	1.188
AN123570	1.219
AN123496	1.250
AN123571	1.281
AN123579	1.312
AN123580	1.344
AN123497	1.375
AN123581	1.406
AN123582	1.438
AN123583	1.469
AN123498	1.500

.156 30 part numbers

Part no.	Length L, in
AN123502	.312
AN123584	.344
AN123503	.375
AN123585	.406
AN123504	.438
AN123586	.469
AN123505	.500
AN123587	.531
AN123506	.562
AN123588	.594
AN123507	.625
AN123589	.656

Part no.	Length L, in
AN123590	.688
AN123591	.719
AN123508	.750
AN123592	.781
AN123593	.812
AN123594	.844
AN123509	.875
AN123595	.906
AN123596	.938
AN123597	.969
AN123510	1.000
AN123598	1.031
AN123599	1.062
AN123600	1.094
AN123511	1.125
AN123512	1.250
AN123513	1.375
AN123514	1.500

.188 12 part numbers

Part no.	Length L, in
AN123519	.375
AN123520	.438
AN123521	.500
AN123522	.562
AN123523	.625
AN123524	.750
AN123525	.875
AN123526	1.000
AN123527	1.125
AN123528	1.250
AN123529	1.375
AN123530	1.500

.250 10 part numbers

Part no.	Length L, in
AN123537	.500
AN123538	.562
AN123539	.625
AN123540	.750
AN123541	.875
AN123542	1.000
AN123543	1.125
AN123544	1.250
AN123545	1.375
AN123546	1.500

.312 8 part numbers

Part no.	Length L, in
AN123555	.625
AN123556	.750
AN123557	.875
AN123558	1.000
AN123559	1.125
AN123560	1.250
AN123561	1.375
AN123562	1.500

.375 7 part numbers

Part no.	Length L, in
AN123572	.750
AN123573	.875
AN123574	1.000
AN123575	1.125
AN123576	1.250
AN123577	1.375
AN123578	1.500

How to read the part number

Part	Meaning
Example	AN123460 — .062 in diameter, .156 in long

Notes

- **Cancelled: use SAE-AS123451 thru SAE-AS123600.** AN123451-AN123600 is cancelled (Cancelled by the notice of 29 Dec 1999 and superseded by SAE-AS123451 thru SAE-AS123600; the part numbers are identical.). Replacement named by the standard: SAE-AS123451 thru SAE-AS123600. The old number AN123451 still turns up on drawings and IPCs: check the replacement for each part before you order.
- Head angle 100° ±1°30'. Head edge .002 - .010.
- (a) D diameter to be gaged from the end of the shank to within .100 of the base of the head. The head must be concentric with the shank within X full indicator reading.
- (b) .156 diameter: the tolerance of A is not legible on the scan of this sheet.
- Linear tolerance ±.010 unless otherwise specified. Remove burrs and break sharp edges .000 - .015.
- 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 · AN123451 thru AN123600 Rev. 4, 27 Jun 1974 — Rivet, Solid, 100° Flush Head, AMS 7229

SCAN · OPEN THIS DATA SHEET
theaviationpoint.com/parts/solid-rivets/an123451-an123600/