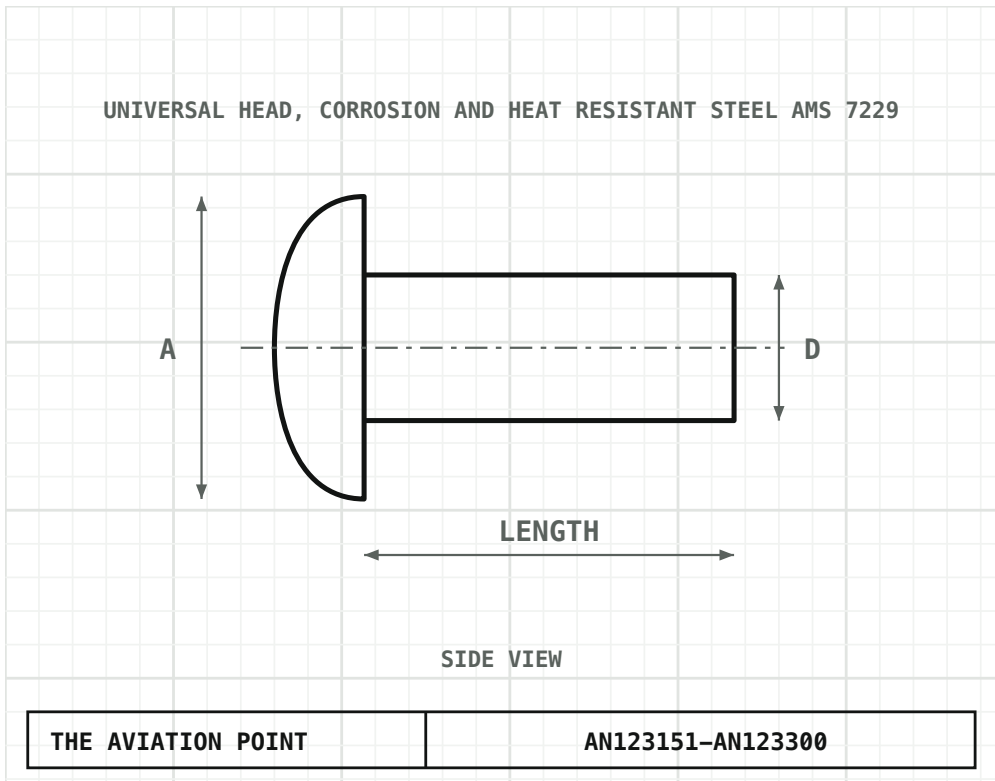
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AN123151-AN123300 rivet — universal head, corrosion and heat resistant steel AMS 7229

AN123151 thru AN123300: solid rivet, universal head, high temperature.



Engineering drawing · dimensions in inches

Specification

Item	Value
Type	Solid rivet, universal 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Status	Cancelled by the notice of 29 Dec 1999 and superseded by SAE-AS123151 thru SAE-AS123300; the part numbers are identical.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	.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, ref	.112	.169	.225	.281	.338	.450	.561	.675
R — R, head radius	.054	.082	.108	.135	.164	.217	.272	.328
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 13 part numbers

Part no.	Length L, in
AN123151	.125
AN123158	.156
AN123152	.188
AN123159	.219
AN123153	.250
AN123160	.281
AN123154	.312
AN123161	.344
AN123155	.375
AN123162	.406
AN123156	.438
AN123163	.469
AN123157	.500

.094 27 part numbers

Part no.	Length L, in
AN123168	.188
AN123164	.219
AN123169	.250
AN123165	.281
AN123170	.312
AN123166	.344
AN123171	.375
AN123167	.406
AN123172	.438
AN123179	.469
AN123173	.500
AN123180	.531
AN123174	.562
AN123181	.594
AN123175	.625
AN123182	.656
AN123183	.688
AN123199	.719
AN123176	.750
AN123200	.781
AN123215	.812
AN123216	.844
AN123177	.875
AN123231	.906
AN123232	.938
AN123233	.969
AN123178	1.000

.125 43 part numbers

Part no.	Length L, in
AN123184	.188
AN123247	.219
AN123185	.250
AN123248	.281
AN123186	.312
AN123249	.344
AN123187	.375
AN123250	.406
AN123188	.438
AN123251	.469
AN123189	.500
AN123252	.531
AN123190	.562
AN123253	.594
AN123191	.625
AN123254	.656
AN123263	.688
AN123264	.719
AN123192	.750
AN123265	.781
AN123266	.812
AN123267	.844
AN123193	.875
AN123268	.906
AN123269	.938
AN123270	.969

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

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Part no.	Length L, in
AN123194	1.000
AN123271	1.031
AN123279	1.062
AN123280	1.094
AN123195	1.125
AN123281	1.156
AN123282	1.188
AN123283	1.219
AN123196	1.250
AN123284	1.281
AN123285	1.312
AN123286	1.344
AN123197	1.375
AN123287	1.406
AN123288	1.438
AN123289	1.469
AN123198	1.500

.156 25 part numbers

Part no.	Length L, in
AN123201	.250
AN123290	.281
AN123202	.312
AN123291	.344
AN123203	.375
AN123292	.406
AN123204	.438
AN123293	.469
AN123205	.500
AN123294	.531
AN123206	.562
AN123295	.594
AN123207	.625
AN123296	.656
AN123297	.688
AN123298	.719
AN123208	.750
AN123299	.781
AN123300	.812
AN123209	.875
AN123210	1.000
AN123211	1.125
AN123212	1.250
AN123213	1.375
AN123214	1.500

.188 14 part numbers

Part no.	Length L, in
AN123217	.250
AN123218	.312
AN123219	.375
AN123220	.438
AN123221	.500
AN123222	.562
AN123223	.625
AN123224	.750
AN123225	.875
AN123226	1.000
AN123227	1.125
AN123228	1.250
AN123229	1.375
AN123230	1.500

.250 13 part numbers

Part no.	Length L, in
AN123234	.312
AN123235	.375
AN123236	.438
AN123237	.500
AN123238	.562
AN123239	.625
AN123240	.750
AN123241	.875
AN123242	1.000
AN123243	1.125
AN123244	1.250
AN123245	1.375
AN123246	1.500

.312 8 part numbers

Part no.	Length L, in
AN123255	.625
AN123256	.750
AN123257	.875
AN123258	1.000
AN123259	1.125
AN123260	1.250
AN123261	1.375
AN123262	1.500

.375 7 part numbers

Part no.	Length L, in
AN123272	.750
AN123273	.875
AN123274	1.000
AN123275	1.125
AN123276	1.250
AN123277	1.375
AN123278	1.500

How to read the part number

Part	Meaning
Example	AN123159 — .062 in diameter, .219 in long

Notes

- **Cancelled: use SAE-AS123151 thru SAE-AS123300.** AN123151-AN123300 is cancelled (Cancelled by the notice of 29 Dec 1999 and superseded by SAE-AS123151 thru SAE-AS123300; the part numbers are identical.). Replacement named by the standard: SAE-AS123151 thru SAE-AS123300. The old number AN123151 still turns up on drawings and IPCs: check the replacement for each part before you order.
- Head edge: .015 max flat permissible. Fillet under the head .005 - .020 R.
- (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.
- 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 · AN123151 thru AN123300 Rev. 4, 27 Jun 1974 — Rivet, Solid, Universal Head, AMS 7229

SCAN · OPEN THIS DATA SHEET
theaviationpoint.com/parts/solid-rivets/an123151-an123300/