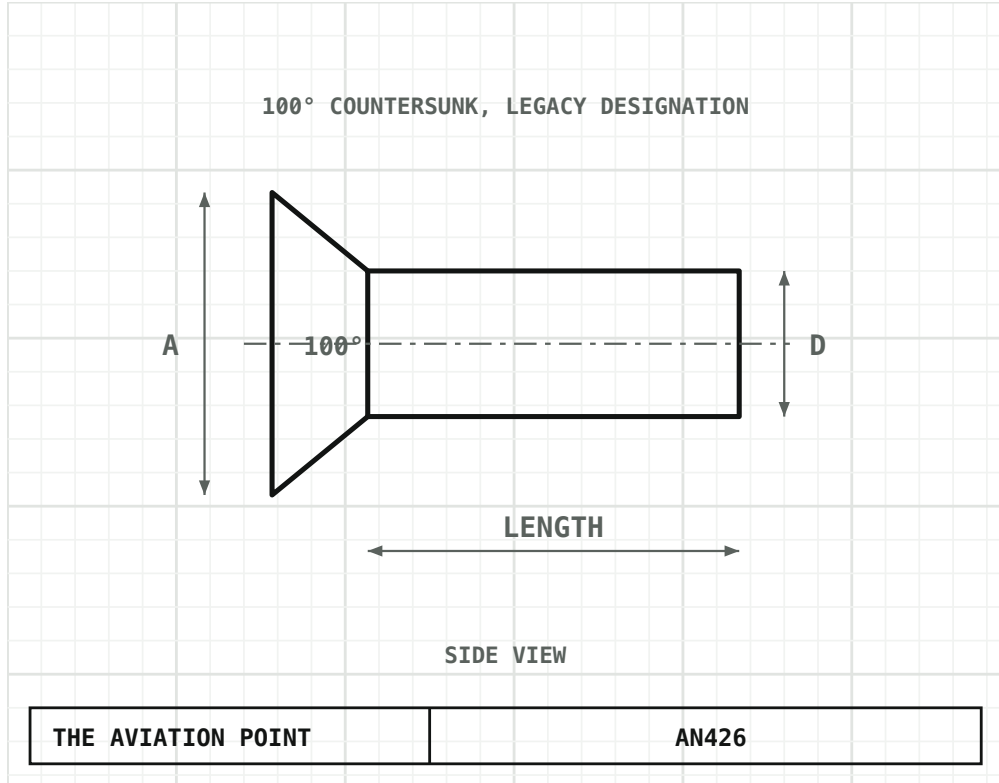
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AN426 rivet — 100° countersunk, legacy designation (now MS20426)

Solid rivet, 100° countersunk head, with the dimensions and dash numbers of its replacement MS20426 Rev. L.



AN426



Engineering drawing · dimensions in inches

Specification

Item	Value
Current standard	MS20426 (part numbers unchanged)
Type	Solid rivet, 100° countersunk head
Material	As MS20426 for the alloy code
Status	Legacy AN designation. Use MS20426 (like dash numbers are interchangeable), itself cancelled and superseded by NASM20426 (Notice 1, 18 Aug 1998).

Dimensions by size

Dimension, in	1/16	3/32	1/8	5/32	3/16	7/32	1/4	5/16	3/8
D — Shank diameter (+.003 / -.001)	.062	.094	.125	.156	.187	.219	.250	.312	.375
A — Head diameter (± .004, to theoretical sharp corners)	.114	.179	.225	.286	.353	.415	.476	.564	.694
B — Head height (reference)	.022	.036	.042	.055	.070	.083	.095	.106	.134
C — Approx. material for full shop head	.094	.141	.188	.234	.281	.328	.375	.469	.562
E — Land height (see drawing)	.004 ± .002	.004 ± .002	.005 ± .002	.005 ± .002	.006 ± .003	.006 ± .003	.008 ± .003	.010 ± .004	.010 ± .004
S — End chamfer	.016	.023	.031	.039	.047	.054	.062	.078	.094
T — End radius	.019	.029	.039	.049	.059	.069	.078	.098	.117

Dimensions of MS20426 Rev. L, which states that rivets of like dash numbers are universally, functionally and dimensionally interchangeable with AN426.

Part numbers

1/16 9 part numbers

Part no.	MS20426 number	Length, in
AN426AD2-2	MS20426AD2-2	.125
AN426AD2-3	MS20426AD2-3	.1875
AN426AD2-4	MS20426AD2-4	.250
AN426AD2-5	MS20426AD2-5	.3125
AN426AD2-6	MS20426AD2-6	.375
AN426AD2-7	MS20426AD2-7	.4375
AN426AD2-8	MS20426AD2-8	.500
AN426AD2-9	MS20426AD2-9	.5625
AN426AD2-10	MS20426AD2-10	.625

3/32 14 part numbers

Part no.	MS20426 number	Length, in
AN426AD3-2	MS20426AD3-2	.125
AN426AD3-3	MS20426AD3-3	.1875
AN426AD3-4	MS20426AD3-4	.250
AN426AD3-5	MS20426AD3-5	.3125
AN426AD3-6	MS20426AD3-6	.375
AN426AD3-7	MS20426AD3-7	.4375
AN426AD3-8	MS20426AD3-8	.500
AN426AD3-9	MS20426AD3-9	.5625
AN426AD3-10	MS20426AD3-10	.625
AN426AD3-12	MS20426AD3-12	.750
AN426AD3-14	MS20426AD3-14	.875
AN426AD3-16	MS20426AD3-16	1.000
AN426AD3-20	MS20426AD3-20	1.250
AN426AD3-32	MS20426AD3-32	2.000

1/8 17 part numbers

Part no.	MS20426 number	Length, in
AN426AD4-3	MS20426AD4-3	.1875
AN426AD4-4	MS20426AD4-4	.250
AN426AD4-5	MS20426AD4-5	.3125
AN426AD4-6	MS20426AD4-6	.375
AN426AD4-7	MS20426AD4-7	.4375
AN426AD4-8	MS20426AD4-8	.500
AN426AD4-9	MS20426AD4-9	.5625
AN426AD4-10	MS20426AD4-10	.625
AN426AD4-12	MS20426AD4-12	.750
AN426AD4-13	MS20426AD4-13	.8125
AN426AD4-14	MS20426AD4-14	.875
AN426AD4-16	MS20426AD4-16	1.000
AN426AD4-18	MS20426AD4-18	1.125
AN426AD4-20	MS20426AD4-20	1.250
AN426AD4-22	MS20426AD4-22	1.375
AN426AD4-24	MS20426AD4-24	1.500
AN426AD4-28	MS20426AD4-28	1.750

5/32 17 part numbers

Part no.	MS20426 number	Length, in
AN426AD5-4	MS20426AD5-4	.250
AN426AD5-5	MS20426AD5-5	.3125
AN426AD5-6	MS20426AD5-6	.375
AN426AD5-7	MS20426AD5-7	.4375
AN426AD5-8	MS20426AD5-8	.500
AN426AD5-9	MS20426AD5-9	.5625
AN426AD5-10	MS20426AD5-10	.625
AN426AD5-11	MS20426AD5-11	.6875
AN426AD5-12	MS20426AD5-12	.750
AN426AD5-14	MS20426AD5-14	.875
AN426AD5-16	MS20426AD5-16	1.000
AN426AD5-18	MS20426AD5-18	1.125
AN426AD5-20	MS20426AD5-20	1.250
AN426AD5-22	MS20426AD5-22	1.375
AN426AD5-24	MS20426AD5-24	1.500
AN426AD5-28	MS20426AD5-28	1.750
AN426AD5-32	MS20426AD5-32	2.000

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

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3/16 19 part numbers

Part no.	MS20426 number	Length, in
AN426AD6-5	MS20426AD6-5	.3125
AN426AD6-6	MS20426AD6-6	.375
AN426AD6-7	MS20426AD6-7	.4375
AN426AD6-8	MS20426AD6-8	.500
AN426AD6-9	MS20426AD6-9	.5625
AN426AD6-10	MS20426AD6-10	.625
AN426AD6-11	MS20426AD6-11	.6875
AN426AD6-12	MS20426AD6-12	.750
AN426AD6-14	MS20426AD6-14	.875
AN426AD6-15	MS20426AD6-15	.9375
AN426AD6-16	MS20426AD6-16	1.000
AN426AD6-18	MS20426AD6-18	1.125
AN426AD6-20	MS20426AD6-20	1.250
AN426AD6-22	MS20426AD6-22	1.375
AN426AD6-24	MS20426AD6-24	1.500
AN426AD6-28	MS20426AD6-28	1.750
AN426AD6-32	MS20426AD6-32	2.000
AN426AD6-40	MS20426AD6-40	2.500
AN426AD6-48	MS20426AD6-48	3.000

7/32 16 part numbers

Part no.	MS20426 number	Length, in
AN426AD7-6	MS20426AD7-6	.375
AN426AD7-7	MS20426AD7-7	.4375
AN426AD7-8	MS20426AD7-8	.500
AN426AD7-9	MS20426AD7-9	.5625
AN426AD7-10	MS20426AD7-10	.625
AN426AD7-12	MS20426AD7-12	.750
AN426AD7-14	MS20426AD7-14	.875
AN426AD7-16	MS20426AD7-16	1.000
AN426AD7-18	MS20426AD7-18	1.125
AN426AD7-20	MS20426AD7-20	1.250
AN426AD7-22	MS20426AD7-22	1.375
AN426AD7-24	MS20426AD7-24	1.500
AN426AD7-28	MS20426AD7-28	1.750
AN426AD7-32	MS20426AD7-32	2.000
AN426AD7-40	MS20426AD7-40	2.500
AN426AD7-48	MS20426AD7-48	3.000

1/4 17 part numbers

Part no.	MS20426 number	Length, in
AN426AD8-6	MS20426AD8-6	.375
AN426AD8-7	MS20426AD8-7	.4375
AN426AD8-8	MS20426AD8-8	.500
AN426AD8-9	MS20426AD8-9	.5625
AN426AD8-10	MS20426AD8-10	.625
AN426AD8-12	MS20426AD8-12	.750
AN426AD8-14	MS20426AD8-14	.875
AN426AD8-16	MS20426AD8-16	1.000
AN426AD8-18	MS20426AD8-18	1.125
AN426AD8-20	MS20426AD8-20	1.250
AN426AD8-22	MS20426AD8-22	1.375
AN426AD8-24	MS20426AD8-24	1.500
AN426AD8-28	MS20426AD8-28	1.750
AN426AD8-32	MS20426AD8-32	2.000
AN426AD8-34	MS20426AD8-34	2.125
AN426AD8-40	MS20426AD8-40	2.500
AN426AD8-48	MS20426AD8-48	3.000

5/16 15 part numbers

Part no.	MS20426 number	Length, in
AN426AD10-7	MS20426AD10-7	.4375
AN426AD10-8	MS20426AD10-8	.500
AN426AD10-9	MS20426AD10-9	.5625
AN426AD10-10	MS20426AD10-10	.625
AN426AD10-12	MS20426AD10-12	.750
AN426AD10-14	MS20426AD10-14	.875
AN426AD10-16	MS20426AD10-16	1.000
AN426AD10-18	MS20426AD10-18	1.125
AN426AD10-20	MS20426AD10-20	1.250
AN426AD10-22	MS20426AD10-22	1.375
AN426AD10-24	MS20426AD10-24	1.500
AN426AD10-28	MS20426AD10-28	1.750
AN426AD10-32	MS20426AD10-32	2.000
AN426AD10-40	MS20426AD10-40	2.500
AN426AD10-48	MS20426AD10-48	3.000

3/8 14 part numbers

Part no.	MS20426 number	Length, in
AN426AD12-8	MS20426AD12-8	.500
AN426AD12-9	MS20426AD12-9	.5625
AN426AD12-10	MS20426AD12-10	.625
AN426AD12-12	MS20426AD12-12	.750
AN426AD12-14	MS20426AD12-14	.875
AN426AD12-16	MS20426AD12-16	1.000
AN426AD12-18	MS20426AD12-18	1.125
AN426AD12-20	MS20426AD12-20	1.250
AN426AD12-22	MS20426AD12-22	1.375
AN426AD12-24	MS20426AD12-24	1.500
AN426AD12-28	MS20426AD12-28	1.750
AN426AD12-32	MS20426AD12-32	2.000
AN426AD12-40	MS20426AD12-40	2.500
AN426AD12-48	MS20426AD12-48	3.000

How to read the part number

Part	Meaning
Format	AN426<material><dash>
A	Material: 1100-F aluminum (head plain)
AD	Material: 2117-T4 aluminum alloy (dimpled head)
B	Material: 5056-H32 aluminum alloy (raised cross)
D	Material: 2017-T4 aluminum alloy, inactive for new design (raised teat)
DD	Material: 2024-T4 aluminum alloy, inactive for new design (raised double dash)
Example	AN426AD4-5 — Same as MS20426AD4-5

Notes

- **Current standard: MS20426.** AN426 is now controlled by **MS20426** (MS20426 Rev. L, note 2). The part numbers do not change: **AN426AD2-2** is still the number on drawings, IPCs and bags, and it is the same part. Order it by that number; the current document is MS20426.
- Use MS20426 for new orders. Older drawings and IPCs keep the AN426 number.

SOURCES · MS20426 Rev. L, 14 Sep 1993 — Rivet, Solid, Countersunk 100°, Precision Head, Aluminum and Titanium Columbium Alloy

SCAN · OPEN THIS DATA SHEET
theaviationpoint.com/parts/solid-rivets/an426/

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