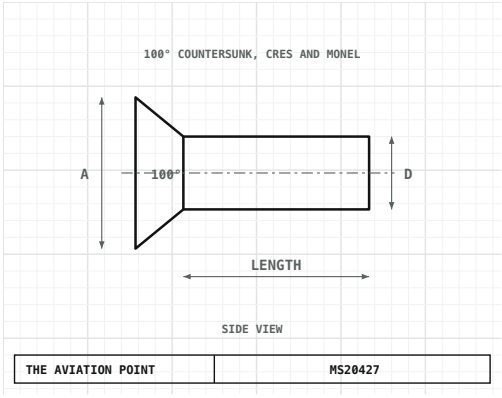
THE AVIATION POINT · THEAVIATIONPOINT.COM · THE AVIATION POINT · THEAVIATIONPOINT.COM · THE AVIATION POINT · THEAVIATIONPOINT.COM · THE AVIATION POINT · THEAVIATIONPOINT.COM · THE AVIATION POINT · THEAVIATIONPOINT.COM · THE AVIATION POINT · THEAVIATIONPOINT.COM · THE AVIATION POINT · THEAVIATIONPOINT.COM

MS20427 rivet — 100° countersunk, CRES and Monel

Rivet, Solid, Countersunk 100°, Corrosion Resistant Steel and Monel: nominal sizes and commonly stocked part numbers.



MS20427



Engineering drawing · dimensions in inches

Specification

Item	Value
Type	Solid rivet, 100° countersunk head
Material	Monel (M) and corrosion-resistant steel (F)
Status	Check the current issue before design use.

Dimensions by size

Dimension, in	3/32	1/8	5/32	3/16
D — Nominal shank diameter	.094	.125	.156	.187
A — Head diameter	—	—	—	—

Nominal diameters. Blank cells: not stated in the documents we hold; take them from the standard.

Part numbers

3/32 14 part numbers

Part no.	Length, in
MS20427M3-2	1/8
MS20427M3-2.5	5/32
MS20427M3-3	3/16
MS20427M3-4	1/4
MS20427M3-5	5/16
MS20427M3-6	3/8
MS20427M3-7	7/16
MS20427M3-8	1/2
MS20427F3-3	3/16
MS20427F3-4	1/4
MS20427F3-5	5/16
MS20427F3-6	3/8
MS20427F3-7	7/16
MS20427F3-8	1/2

1/8 17 part numbers

Part no.	Length, in
MS20427M4-2	1/8
MS20427M4-3	3/16
MS20427M4-4	1/4
MS20427M4-5	5/16
MS20427M4-6	3/8
MS20427M4-7	7/16
MS20427M4-8	1/2
MS20427M4-9	9/16
MS20427M4-10	5/8
MS20427M4-12	3/4
MS20427M4-16	1
MS20427F4-3	3/16
MS20427F4-4	1/4
MS20427F4-5	5/16
MS20427F4-6	3/8
MS20427F4-7	7/16
MS20427F4-8	1/2

5/32 14 part numbers

Part no.	Length, in
MS20427M5-3	3/16
MS20427M5-4	1/4
MS20427M5-5	5/16
MS20427M5-6	3/8
MS20427M5-7	7/16
MS20427M5-8	1/2
MS20427M5-9	9/16
MS20427M5-10	5/8
MS20427M5-11	11/16
MS20427M5-12	3/4
MS20427M5-16	1
MS20427F5-6	3/8
MS20427F5-7	7/16
MS20427F5-8	1/2

3/16 7 part numbers

Part no.	Length, in
MS20427M6-5	5/16
MS20427M6-6	3/8
MS20427M6-7	7/16
MS20427M6-8	1/2
MS20427M6-10	5/8
MS20427M6-12	3/4
MS20427M6-16	1

How to read the part number

Part	Meaning
M	Material: Monel
F	Material: Corrosion-resistant steel
Example	MS20427M4-5 — Monel, 1/8 in diameter, 5/16 in long

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

THE AVIATION POINT · THEAVIATIONPOINT.COM · THE AVIATION POINT · THEAVIATIONPOINT.COM · THE AVIATION POINT · THEAVIATIONPOINT.COM · THE AVIATION POINT · THEAVIATIONPOINT.COM · THE AVIATION POINT · THEAVIATIONPOINT.COM · THE AVIATION POINT · THEAVIATIONPOINT.COM · THE AVIATION POINT · THEAVIATIONPOINT.COM

THE AVIATION POINT · THEAVIATIONPOINT.COM · THE AVIATION POINT · THEAVIATIONPOINT.COM · THE AVIATION POINT · THEAVIATIONPOINT.COM · THE AVIATION POINT · THEAVIATIONPOINT.COM · THE AVIATION POINT · THEAVIATIONPOINT.COM · THE AVIATION POINT · THEAVIATIONPOINT.COM · THE AVIATION POINT

Notes

- Part number format as commonly written; check the standard for the exact format.
- Approved data governs. Use the rivet the SRM, drawing or IPC calls for.

SOURCES · MS20427 — Rivet, Solid, Countersunk 100°, Corrosion Resistant Steel and Monel

SCAN · OPEN THIS DATA SHEET
theaviationpoint.com/parts/solid-rivets/ms20427/

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