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NAS517 screw — 100° flat countersunk, close tolerance

Screw, Machine, 100° Flat Head, Close Tolerance, Structural: thread sizes, lengths and commonly stocked part numbers.



NAS517

Specification

Item	Value
Head	100° flat countersunk, close tolerance
Drive	cross recess
Status	Check the current issue before design use.

Part numbers and lengths

.1640-32 16 part numbers

Part no.	Length, in	Grip, in
NAS517-2-0	.406	—
NAS517-2-1	.469	—
NAS517-2-2	.531	.125
NAS517-2-3	.594	.188
NAS517-2-4	.656	.250
NAS517-2-5	.719	.312
NAS517-2-6	.781	.375
NAS517-2-7	.844	.438
NAS517-2-8	.906	.500
NAS517-2-10	1.031	.625
NAS517-2-11	1.093	.688
NAS517-2-12	1.156	.750
NAS517-2-13	1.219	.812
NAS517-2-14	1.281	.875
NAS517-2-15	1.343	.938
NAS517-2-16	1.406	1.000

.1900-32 23 part numbers

Part no.	Length, in	Grip, in
NAS517-3-00	.343	—
NAS517-3-0	.406	—
NAS517-3-1	.469	—
NAS517-3-2	.531	.125
NAS517-3-3	.594	.188
NAS517-3-4	.656	.250
NAS517-3-5	.719	.312
NAS517-3-6	.781	.375
NAS517-3-7	.844	.438
NAS517-3-8	.906	.500
NAS517-3-9	.969	.562
NAS517-3-10	1.031	.625
NAS517-3-11	1.093	.688
NAS517-3-12	1.156	.750
NAS517-3-13	1.219	.812
NAS517-3-14	1.281	.875
NAS517-3-15	1.343	.938
NAS517-3-16	1.406	1.000
NAS517-3-18	1.531	1.125
NAS517-3-20	1.656	1.250
NAS517-3-22	1.781	1.375
NAS517-3-24	1.906	1.500
NAS517-3-26	2.031	1.625

.2500-28 15 part numbers

Part no.	Length, in	Grip, in
NAS517-4-0	.531	—
NAS517-4-2	.594	.125
NAS517-4-3	.656	.188
NAS517-4-4	.719	.250
NAS517-4-5	.781	.312
NAS517-4-6	.844	.375
NAS517-4-7	.906	.438
NAS517-4-8	.969	.500
NAS517-4-9	1.031	.562
NAS517-4-10	1.093	.625
NAS517-4-11	1.156	.688
NAS517-4-12	1.219	.750
NAS517-4-13	1.281	.812
NAS517-4-14	1.343	.875
NAS517-4-16	1.468	1.000

.3125-24 10 part numbers

Part no.	Length, in	Grip, in
NAS517-5-4	.781	.250
NAS517-5-5	.844	.312
NAS517-5-6	.906	.375
NAS517-5-7	.969	.438
NAS517-5-8	1.031	.500
NAS517-5-9	1.093	.562
NAS517-5-10	1.156	.625
NAS517-5-11	1.219	.688
NAS517-5-12	1.281	.750
NAS517-5-16	1.531	1.000

Notes

- Dash number: thread size (2 = .1640-32, 3 = .1900-32, 4 = .2500-28, 5 = .3125-24), then grip in sixteenths of an inch (-0 and -00 are the shortest, with no grip listed).
- Length and grip in inches, as listed.
- Part number written as the listing writes it; the standard governs the exact format.
- Approved data governs. Use the screw the SRM, drawing or IPC calls for.

SOURCES · NAS517 — Screw, Machine, 100° Flat Head, Close Tolerance, Structural

SCAN · OPEN THIS DATA SHEET
theaviationpoint.com/parts/screws/nas517/

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