

AS85049/27 and M38999/1 Self-Locking and Non-Self-Locking E-Nut



AS85049

CONNECTOR DESIGNATOR:

F MIL-DTL-27599, MIL-DTL-38999
Series I & II

Basic Part
Number

M85049/27

Finish

N = Electroless Nickel
W = 1,000 Hour Cadmium Olive Drab
over Electroless Nickel
X = Nickel Fluorocarbon Polymer
Y = Pure Dense Electrodeposited
Aluminum
Z = Zinc-Nickel, Black

N

10

W

S = Self-Locking
N = Non-Detented
Use Dash for
Non-Self-Locking

Shell
Size

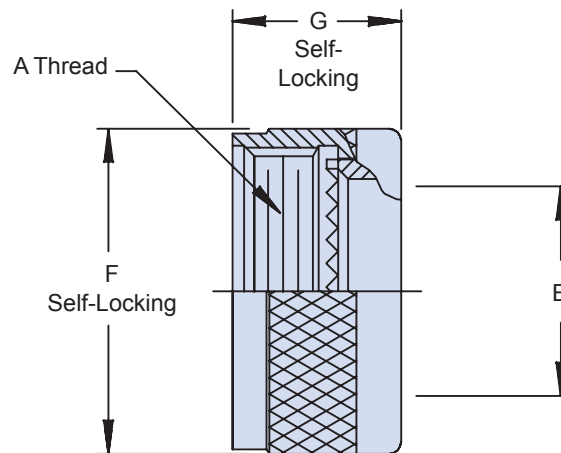


TABLE I: Shell Size, Thread and Dimensions

Shell Size	A Thread Class 2B	Ø E Max	Ø F Max	G Max
08	.438 - 28 UNEF	.274 (7.0)	.859 (21.8)	.590 (15.0)
10	.562 - 24 UNEF	.412 (10.5)	.984 (25.0)	.590 (15.0)
12	.688 - 24 UNEF	.526 (13.4)	1.156 (29.4)	.590 (15.0)
14	.813 - 20 UNEF	.651 (16.5)	1.281 (32.5)	.590 (15.0)
16	.938 - 20 UNEF	.776 (19.7)	1.406 (35.7)	.590 (15.0)
18	1.063 - 18 UNEF	.882 (22.4)	1.516 (38.5)	.590 (15.0)
20	1.188 - 18 UNEF	1.006 (25.6)	1.641 (41.7)	.590 (15.0)
22	1.313 - 18 UNEF	1.132 (28.8)	1.766 (44.9)	.590 (15.0)
24	1.438 - 18 UNEF	1.257 (31.9)	1.891 (48.0)	.590 (15.0)

APPLICATION NOTES

- For complete dimensions, see the applicable Military Specification.
- Metric dimensions (mm) are indicated in parentheses.

Dimensions in inches (millimeters) and are subject to change without notice.

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Mil-Spec Backshells

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B