

# M85049/27 Type E Nut

Ry85049 Series • M85049 Type Backshells



## RY85049/27 S 16 N

- 1 **BASIC PART NUMBER**  
**RY85049/27**  
M85049/27 type  
E nut  
(Supersedes MIL-C-38999/1)
- 2 **COUPLING STYLE**  
**N** Non-detented  
**S** Self-locking  
(Use dash for non-self-locking)
- 3 **SHELL SIZE**  
See dimensions table below
- 4 **MATERIAL & FINISH**  
**N** Aluminum, electroless nickel  
**W** Aluminum, olive drab cadmium over electroless nickel  
**X** Aluminum, nickel fluorocarbon polymer  
**Y** Aluminum, pure dense electrodeposited aluminum  
**Z** Aluminum, black zinc-nickel

### RY85049/27 Compatibility

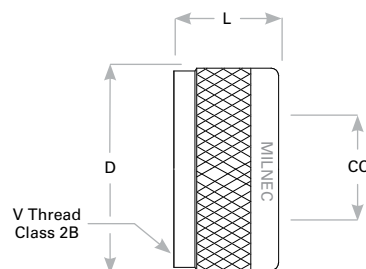
#### Compatible Connector Series

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

### RY85049/27 Dimensions

Shell Size	D	L	V Thread Class 2B	CC Cable Clearance
8	0.859 (21.8)	0.590 (15.0)	0.438 - 28 UNEF	0.274 (7.0)
10	0.984 (25.0)	0.590 (15.0)	0.562 - 24 UNEF	0.412 (10.5)
12	1.156 (29.4)	0.590 (15.0)	0.688 - 24 UNEF	0.526 (13.4)
14	1.281 (32.5)	0.590 (15.0)	0.813 - 20 UNEF	0.651 (16.5)
16	1.406 (35.7)	0.590 (15.0)	0.938 - 20 UNEF	0.776 (19.7)
18	1.516 (38.5)	0.590 (15.0)	1.063 - 18 UNEF	0.882 (22.4)
20	1.641 (41.7)	0.590 (15.0)	1.188 - 18 UNEF	1.006 (25.6)
22	1.766 (44.9)	0.590 (15.0)	1.313 - 18 UNEF	1.132 (28.8)
24	1.891 (48.0)	0.590 (15.0)	1.438 - 18 UNEF	1.257 (31.9)

Dimensions are in inches (mm).



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