

Conductive Elastomer Jam Nut EMI Seals

JAM NUT EMI Seals

MIL-C-38999, MIL-C-26482, and MIL-C-81511 rear-mounting jam nut receptacles require a Mil Spec (MS) O-ring as a moisture-pressure seal. When EMI attenuation is also required, CHO-SEAL O-rings should be used. Each is interchangeable with the corresponding MS O-ring.

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ORDERING PROCEDURE

Select the part number from Table 1. Table 2 provides general tolerances for jam nut EMI seals.

Jam Nut EMI Seals - Product Information

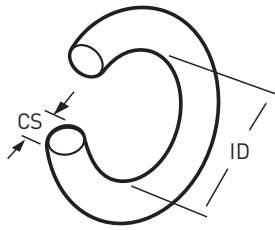


Table 2: Jam Nut EMI Seals Tolerances

DIMENSIONS inches (mm)	TOLERANCES inches (mm)
Inside Diameter (ID)	
≤1.500 [38.10]	±0.010 [0.25]
1.501-2.000 [38.10-50.80]	±0.015 [0.38]
Cross Section Diameter (CS)	
0.070 [1.78]	±0.004 [0.10]
0.103 [2.62]	±0.005 [0.13]

Table 1: Jam Nut EMI Seals

JAM NUT EMI SEALS						
Shell Size	Chomerics P/N*	MIL-C-38999JS1N1 MIL-C-26482GS1A5	Reference MIL-C-81511FS1	MIL P/N: M83528/002X [†] - ()	Nominal Dimensions inches (mm)	
					ID	CS
6	30-03-2065-XXXXX	✓		015	0.551 [14.00]	0.070 [1.78]
8	30-03-2066-XXXXX	✓		017	0.676 [17.17]	0.070 [1.78]
	30-03-2075-XXXXX		✓	018	0.739 [18.77]	0.070 [1.78]
9, 10	30-03-1981-XXXXX	✓		019	0.801 [20.35]	0.070 [1.78]
	30-03-2076-XXXXX		✓	020	0.864 [21.95]	0.070 [1.78]
11, 12	30-03-2068-XXXXX	✓		022	0.989 [25.12]	0.070 [1.78]
13, 14	30-03-2069-XXXXX	✓	✓	024	1.114 [28.30]	0.070 [1.78]
15, 16	30-03-2070-XXXXX	✓	✓	026	1.239 [31.47]	0.070 [1.78]
17, 18	30-03-2071-XXXXX	✓	✓	028	1.364 [34.65]	0.070 [1.78]
19, 20	30-03-2072-XXXXX	✓		128	1.487 [37.77]	0.103 [2.62]
21, 22	30-03-1846-XXXXX	✓		/005X [†] -022	1.612 [40.94]	0.103 [2.62]
23, 24	30-03-2031-XXXXX	✓		132	1.737 [44.12]	0.103 [2.62]
25	30-03-8800-XXXXX			134	1.862 [47.30]	0.103 [2.62]

Note: Slight size variations exist between several series within a given MIL-SPEC. It is recommended that gasket(s) be selected on the basis of gasket dimensions which match groove dimensions.

* -XXXXX designates material (1215, 1285, etc). Refer to Chomerics Conductive Elastomer EMI Gaskets Molded and Extruded Materials Selector Guide for details. Note that these parts are available only in Cho-Seal materials with the "M" (Molded) format.

[†]"X" should be replaced by applicable MIL-DTL-83528 material type (e.g. A, B, C, etc.). MIL-DTL-83528 dash number should be inserted (without parentheses) at end of MIL P/N.

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TB 1073 EN April 2012



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