

Series 44 Banding Backshells

for MIL-DTL-38999 Series III and IV Connectors

447H*531 Banding Backshell, Shrink Boot, Spanner Nut



Self-Locking

Adapter Code H

This accessory fits these connectors:
MIL-DTL-38999 Series III and Series IV

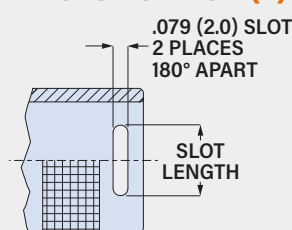
TABLE 1: ENTRY SIZE

Entry Size	±.015 (0.4) in mm	±.015 (0.4) in mm	±.015 (0.4) in mm	Shell Sizes
03	.185	4.7	.303	7.7 480 12.2 09-15
04	.252	6.4	.370	9.4 .551 14.0 09-17
05	.311	7.9	.433	11.0 .610 15.5 09-21
06	.374	9.5	.496	12.6 .673 17.1 11-23
07	.437	11.1	.555	14.1 .736 18.7 11-25
08	.500	12.7	.618	15.7 .800 20.3 13-25
10	.626	15.9	.744	18.9 .925 23.5 15-25
12	.752	19.1	.866	22.0 1.051 26.7 17-25
14	.874	22.2	.992	25.2 1.173 29.8 19-25
16	1.004	25.5	1.118	28.4 1.300 33.0 21-25
18	1.126	28.6	1.240	31.5 1.425 36.2 23-25
20	1.252	31.8	1.366	34.7 1.551 39.4 25

TABLE 2: LENGTH CODE

Length Code	J in mm	K Max in mm	L Max in mm
A	.291 7.4	1.035 26.3	1.362 34.6
B	.606 15.4	1.350 34.3	1.677 42.6
C	.803 20.4	1.547 39.3	1.874 47.6
D	1.197 30.4	1.941 49.3	2.768 57.6

FIGURE 1: SLOT OPTION (L)



Entry Size	Slot Length in mm
03, 04, 05	.157 4.0
06, 07, 08	.276 7.0
10, 12	.433 11.0
14, 16	.472 12.0
18, 20	.551 14.0

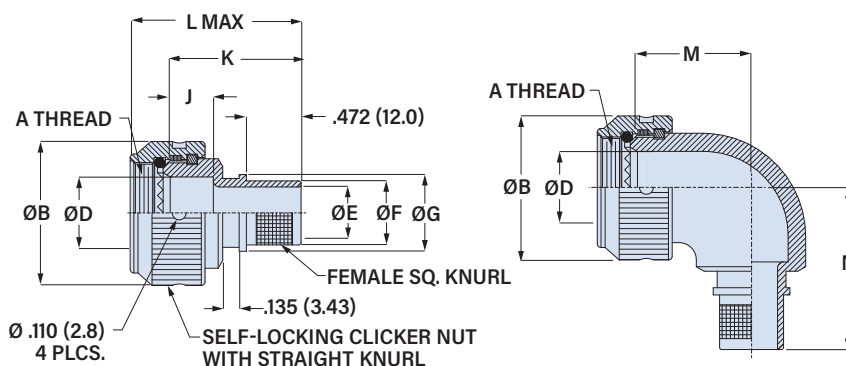
Self-locking. Impact resistant coupling nut. 447H*531 banding backshell fits MIL-DTL-38999 Series III/IV connectors. Impact resistant coupling nut has 2.8 mm spanner wrench holes. Anti-decoupling mechanism provides audible detented coupling and prevents backoff under high vibration. Attach shielding and overbraid sleeving to backshell with band strap (not supplied). Shrink boot (not supplied) adds strain relief and environmental protection. Aluminum or stainless steel with thermoplastic anti-decoupling spring and SST retainer ring.

PART NUMBER

PART NUMBER		447HS531										Z1	19	10	B	L	-157
Base P/N	Base Part No.	Profile															
	447HS531	S Straight															
	447HJ531	J 90°															
Material/Finish	M	Alum/ Electroless Nickel															
	MT	Alum/ Nickel-PTFE															
	NF	Alum/ Olive Drab Cadmium															
	ZR	Alum/ Black Zinc-Nickel															
	TZ	Alum/ Tin-Zinc															
	ZI	SST/ Passivated															
Shell Size	Shell	9	11	13	15	17	19	21	23	25							
	Size	A	B	C	D	E	F	G	H	J							
	Size Code	09	11	13	15	17	19	21	23	25							
Entry Size	See Table 1																
Length	Applies to Profile S only. See Table 2. A B C D																
Slot	Omit if not required. See Figure 1. L Slots for Individual Shields																
Teflon Coating	Omit if not required. -157 Teflon Coating on Inside Surface																

S Straight

J 90°



Shell Size	A Thread	ØB Max in mm	ØD Min in mm	M Max in mm	N Max in mm	Max Entry Size
9 (A)	M12X1.0-6H	.858 21.8	.264 6.7	.553 14.1	1.222 31.1	05
11 (B)	M15X1.0-6H	.984 25.0	.380 9.7	.622 15.8	1.347 34.2	07
13 (C)	M18X1.0-6H	1.157 29.4	.494 12.6	.683 17.4	1.494 38.0	08
15 (D)	M22X1.0-6H	1.280 32.5	.620 15.6	.744 18.9	1.561 40.0	10
17 (E)	M25X1.0-6H	1.406 35.7	.746 19.0	.799 20.3	1.624 41.3	12
19 (F)	M28X1.0-6H	1.516 38.5	.833 21.1	.846 21.5	1.722 43.8	14
21 (G)	M31X1.0-6H	1.642 41.7	.959 24.4	1.047 26.6	1.847 46.9	16
23 (H)	M34X1.0-6H	1.768 44.9	1.081 27.5	.969 24.6	1.972 50.1	18
25 (J)	M37X1.0-6H	1.890 48.0	1.207 30.7	1.047 26.6	2.098 53.3	20