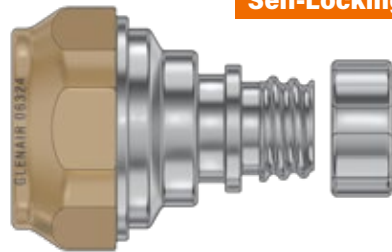


Series 31 Shrink Boot Adapters

for MIL-DTL-38999 Series III and IV Connectors

311H*019 Shrink Boot Adapter, Braid Trap, Composite



Self-Locking

Adapter Code H

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

BRAID TRAP



TABLE 1: ENTRY SIZE

Entry Size	Shell Sizes	K Entry Dia. ±.030 (0.8)		L ±.06 (1.5)	
		in	mm	in	mm
02	09-25	.250	6.4	.52	13.2
03	11-25	.375	9.5	.64	16.3
04	13-25	.500	12.7	.77	19.6
05	15-25	.625	15.9	.92	23.4
06	17-25	.750	19.1	1.02	25.9
07	19-25	.875	22.2	1.14	29.0
08	21-25	1.000	25.4	1.27	32.3
09	23-25	1.125	28.6	1.43	36.3
10	25	1.250	31.8	1.52	38.6

SHRINK BOOT

Optional heatshrink boot provides cable strain relief and environmental protection. Type 1 high-performance semi-rigid elastomer resists fuels and oils and withstands temperature extremes.

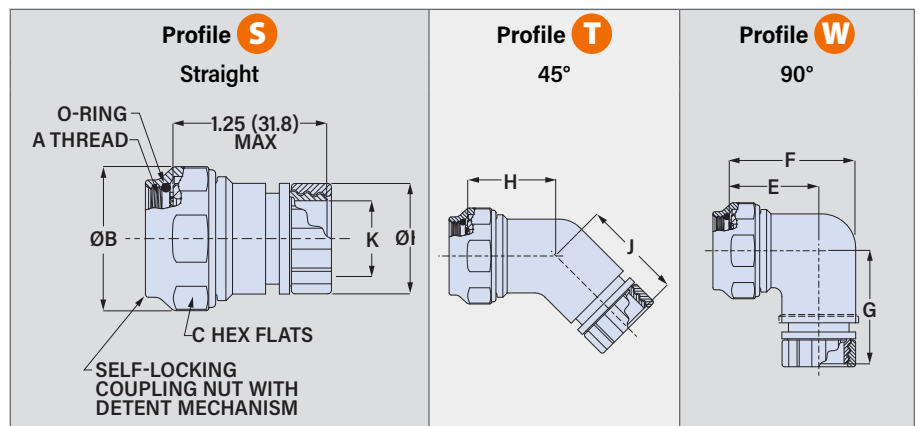


Entry Size	Shrink Boot P/N
02	770-003S112
03	770-003S103
04	770-003S103
05	770-003S104
06	770-003S104
07	770-003S105
08	770-003S106
09	770-003S107
10	770-003S107

Corrosion-proof composite material. 311H*019 composite shrink boot adapter fits MIL-DTL-38999 Series III and IV connectors. Adapter has candelabra-style tapered thread to captivate shield braid under nut. install optional lipped shrink boot over nut for environmental protection. Anti-decoupling mechanism provides audible detented coupling and prevents backoff under high vibration. Supplied as adapter only or as kit with shrink boot. Glass-filled high performance thermoplastic, silicone O-ring.

PART NUMBER

PART NUMBER		311HS019	XM	21	06	T				
Base P/N	Base Part No.	Profile								
	311HS019	S	Straight							
	311HT019	T	45°							
	311HW019	W	90°							
Finish	XM	Electroless Nickel	<i>Coupling nut is natural amber color, unplated</i>							
	XMT	Nickel-PTFE								
	XW	Olive Drab Cadmium								
	XZR	Black Zinc-Nickel								
Shell Size	Shell Size	9	11	13	15	17	19	21	23	25
	Size Code	A	B	C	D	E	F	G	H	J
		09	11	13	15	17	19	21	23	25
Entry Size	See Table 1									
Shrink Boot	Omit if not required T Shrink Boot included									



Shell Size	A Thread	Ø B Max	Hex Flats	±.06(1.5)	±.09(2.3)	±.09(2.3)	±.06(1.5)	±.09(2.3)	Entry Size
		in	mm	in	mm	in	mm	in	mm
9 (A)	M12X1.0-6H	.86	21.8	.750	19.1	.69	17.5	.88	22.4
11 (B)	M15X1.0-6H	.98	24.9	.875	22.2	.75	19.1	1.00	25.4
13 (C)	M18X1.0-6H	1.16	29.5	1.000	25.4	.81	20.6	1.13	28.7
15 (D)	M22X1.0-6H	1.28	32.5	1.125	28.6	.88	22.4	1.31	33.3
17 (E)	M25X1.0-6H	1.41	35.8	1.250	31.8	.94	23.9	1.38	35.1
19 (F)	M28X1.0-6H	1.52	38.6	1.375	34.9	.97	24.6	1.44	36.6
21 (G)	M31X1.0-6H	1.64	41.7	1.500	38.1	1.06	26.9	1.56	39.6
23 (H)	M34X1.0-6H	1.77	45.0	1.625	41.3	1.13	28.7	1.63	41.4
25 (J)	M37X1.0-6H	1.89	48.0	1.750	44.5	1.19	30.2	1.69	42.9