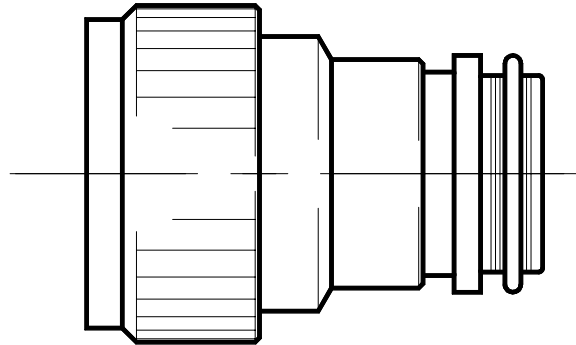


REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED
N/C	INITIAL ISSUE	SEP 97	KJW



CODE 58 TINEL-LOCK ADAPTER

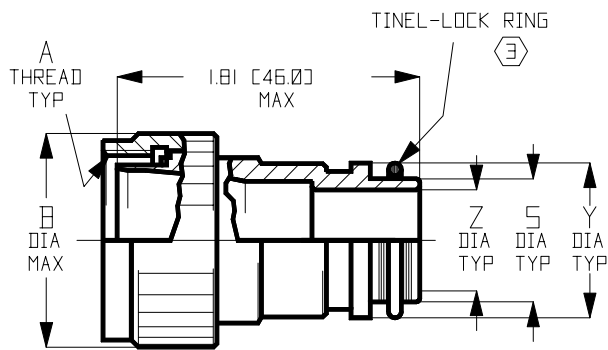
NOTES:

1. THIS PRODUCT IS DESIGNED TO TERMINATE A BRAIDED CABLE SHIELD AND A HEAT SHRINKABLE LIPPED BOOT TO A CONNECTOR.
2. SEE CH00-0250-000 FOR ORDERING INFORMATION, MODIFICATIONS AND ADDITIONAL DIMENSIONS.
- ③ SEE DRAWING TR FOR DETAIL ON TINEL-LOCK RING. RINGS ARE DESIGNED TO BE HEATED ELECTRICALLY. ALL RINGS ARE MARKED WITH THERMOCHROMIC PAINT WHICH CHANGES COLOUR WHEN INSTALLATION TEMPERATURE IS REACHED.
4. ADAPTER TO BE PERMANENTLY MARKED WITH CODE IDENTIFICATION NUMBER AND PART NUMBER LESS RING DESIGNATOR. (e.g. 06090-TXR58A000-2012). RING SHALL BEAR NO MARKING.
- ⑤ FOR LARGER ENTRY SIZES, A 2 PIECE ADAPTER (TYPE II) IS SUPPLIED.
- ⑥ ADAPTOR MATES TO: ITT CANNON M53100, M53101, M53106 AND M53108 CONNECTORS, CLASSES E, F AND R LESS ACCESSORIES, TO MIL-C-50150.

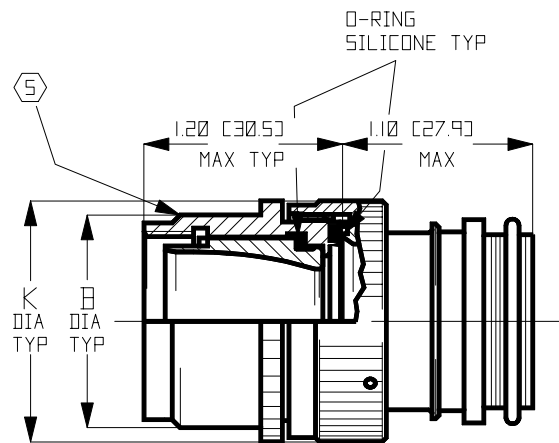
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SPECIFICATION CONTROL DRAWING

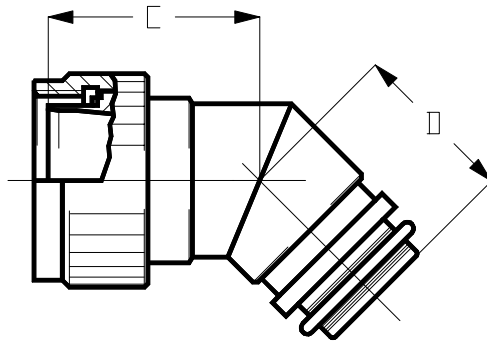
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. METRIC DIMENSIONS ARE IN BRACKETS. DECIMALS .X # --- [MM] .XX # --- [MM] .XXX # --- [MM] ANGLES .X # ---	DRAWN IRT	DATE SEP 97	Raychem RAYCHEM CORPORATION 300 CONSTITUTION DRIVE MENLO PARK CALIFORNIA 94025	
	CHECKED KJW	DATE SEP 97		
	APPROVED KJW	DATE SEP 97	TITLE TINEL-LOCK TM ADAPTER	
	APPROVED KJW	DATE SEP 97		
CAD NAME TXR58SCD-1			SIZE A	CODE IDENT. NO. 06090
THIRD ANGLE PROJECTION			DWG. NO. TXR58	REV N/C
			DO NOT SCALE THIS DWG	
			SHEET 1 OF 3	



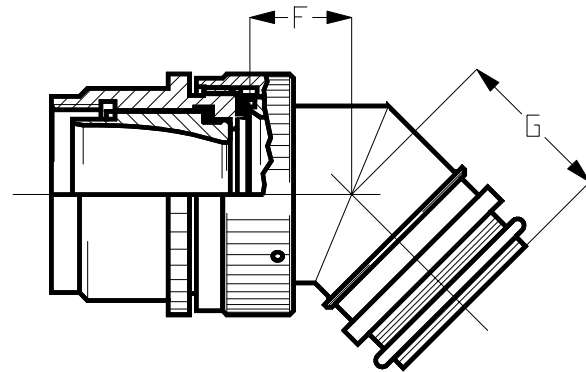
STRAIGHT ADAPTER - TYPE I



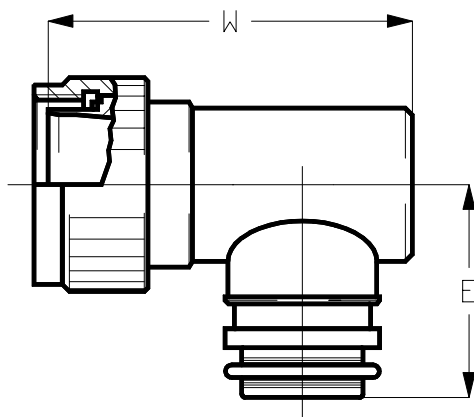
STRAIGHT ADAPTER - TYPE II



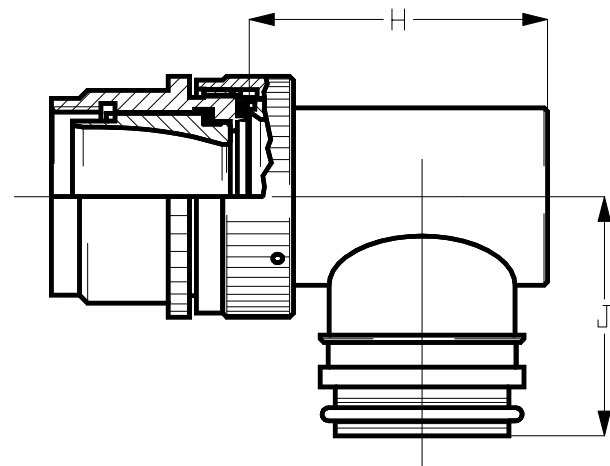
45° ADAPTER - TYPE I



45° ADAPTER - TYPE II



90° ADAPTER - TYPE I



90° ADAPTER - TYPE II

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SIZE	CODE IDENT. NO.	DWG. NO.	REV
A	06090	TXR58	N/C
DO NOT SCALE THIS DWG		SHEET 2 OF 3	

TABLE I							
ORDER NO.	SHELL SIZE ⬡	MAX ENTRY SIZE TYPE I ⬡	A UNIFIED THREAD CLASS 2B	B DIA MAX	C MAX	D MAX	E MAX
10	105L	05	0.5625"-24 UNEF	.79 [20.1]	.77 [19.5]	.89 [22.5]	1.06 [27.0]
12	12 & 125	05	0.6250"-24 UNEF	.92 [23.4]	.85 [21.5]	.89 [22.5]	1.10 [28.0]
14	145	07	0.7500"-20 UNEF	.98 [24.9]	.89 [22.5]	.91 [23.0]	1.12 [28.5]
16	16 & 165	08	0.8750"-20 UNEF	1.09 [27.7]	.93 [23.5]	.93 [23.5]	1.18 [30.0]
18	18	08	1.0000"-20 UNEF	1.23 [31.2]	1.24 [31.5]	.93 [23.5]	1.20 [30.5]
20	20	12	1.1250"-18 UNEF	1.41 [35.7]	1.26 [32.0]	.98 [25.0]	1.30 [33.0]
22	22	12	1.2500"-18 UNEF	1.53 [38.9]	1.30 [33.0]	1.00 [25.5]	1.32 [33.5]
24	24	16	1.3750"-18 UNEF	1.65 [42.0]	1.32 [33.5]	1.02 [26.0]	1.42 [36.0]
28	28	18	1.6250"-18 UNEF	1.91 [48.4]	1.38 [35.0]	1.06 [27.0]	1.48 [37.5]
32	32	20	1.8750"-16 UN	2.15 [54.7]	1.44 [36.5]	1.10 [28.0]	1.57 [40.0]
36	36	22	2.1250"-16 UN	2.70 [68.6]	1.50 [38.0]	1.14 [29.0]	1.77 [45.0]

TABLE II									
ENTRY SIZE	Z DIA +0.10 -0.20 [+0.25] [-0.50]	S DIAMETER	Y DIA #.015 [#.030]	W MAX	F MAX	G MAX	H MAX	J MAX	K MAX
04	.250 [6.35]	.376 [9.56] .370 [9.39]	.550 [13.97]	1.71 [43.5]	N/A	N/A	N/A	N/A	N/A
05	.312 [7.92]	.438 [11.13] .432 [10.97]	.612 [15.54]	1.75 [44.5]	N/A	N/A	N/A	N/A	N/A
06	.375 [9.52]	.501 [12.73] .495 [12.57]	.675 [17.14]	1.81 [46.0]	.77 [19.6]	.93 [23.6]	1.19 [30.2]	1.16 [29.5]	.80 [20.3]
07	.437 [11.09]	.563 [14.31] .556 [14.12]	.737 [18.71]	1.87 [47.5]	.80 [20.3]	.95 [24.1]	1.38 [35.1]	1.22 [31.0]	.92 [23.4]
08	.500 [12.70]	.626 [15.91] .619 [15.72]	.800 [20.32]	1.95 [49.5]	.80 [20.3]	.95 [24.1]	1.38 [35.1]	1.22 [31.0]	.92 [23.4]
10	.625 [15.87]	.752 [19.11] .742 [18.84]	.925 [23.49]	2.07 [52.5]	.84 [21.3]	1.00 [25.4]	1.51 [38.4]	1.35 [34.3]	1.18 [30.0]
12	.750 [19.05]	.877 [22.28] .867 [22.02]	1.050 [26.67]	2.19 [55.5]	.86 [21.8]	1.01 [25.7]	1.63 [41.4]	1.40 [35.6]	1.35 [34.3]
14	.875 [22.23]	1.002 [25.46] .991 [25.17]	1.175 [29.84]	2.32 [59.0]	.88 [22.4]	1.04 [26.4]	1.78 [45.2]	1.46 [37.1]	1.41 [35.8]
16	1.000 [25.40]	1.127 [28.63] 1.116 [28.34]	1.300 [33.02]	2.44 [62.0]	.91 [23.1]	1.06 [26.9]	1.88 [47.8]	1.53 [38.9]	1.60 [40.6]
18	1.125 [28.57]	1.252 [31.81] 1.241 [31.52]	1.425 [36.19]	2.56 [65.0]	.93 [23.6]	1.09 [27.7]	2.01 [51.1]	1.59 [40.4]	1.66 [42.2]
20	1.250 [31.75]	1.377 [34.98] 1.366 [34.69]	1.550 [39.37]	2.72 [69.0]	.98 [24.9]	1.13 [28.7]	2.13 [54.1]	1.78 [45.2]	2.04 [51.8]
22	1.375 [34.93]	1.502 [38.15] 1.488 [37.79]	1.675 [42.55]	2.80 [71.0]	1.03 [26.2]	1.38 [35.1]	2.29 [58.2]	1.85 [47.0]	2.23 [56.6]
24	1.500 [38.10]	1.627 [41.33] 1.613 [40.97]	1.800 [45.72]	N/A	1.08 [27.4]	1.44 [36.6]	2.42 [61.5]	1.92 [48.8]	2.23 [56.6]

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SIZE	CODE IDENT. NO.	DWG. NO.	REV
A	06090	TXR58	N/C
DO NOT SCALE THIS DWG			SHEET 3 OF 3