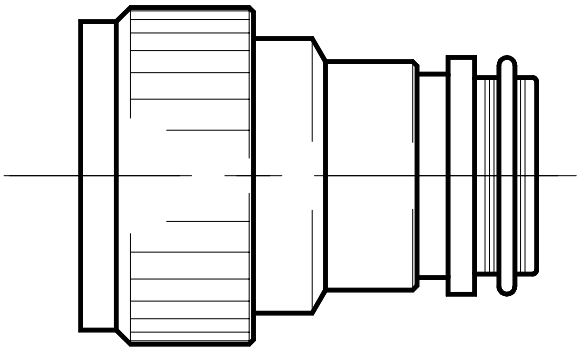
REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED
N/C	INITIAL ISSUE	SEP 97	KJW



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 CH00-0250-008 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-TXR58A800-2012). RING SHALL BEAR NO MARKING.

(5) FOR LARGER ENTRY SIZES, A 2 PIECE ADAPTER (TYPE II) IS SUPPLIED.

(6) ADAPTOR MATES TO: ITT CANNON MS3100, MS3101, MS3106 AND MS3108 CONNECTORS, CLASSES E, F AND R LESS ACCESSORIES, TO MIL-C-5015D.

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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
CHECKED	KJW	DATE	SEP 97
APPROVED	KJW	DATE	SEP 97
APPROVED	KJW	DATE	SEP 97
CAD NAME	TXR58SCD-1		

THIRD ANGLE PROJECTION

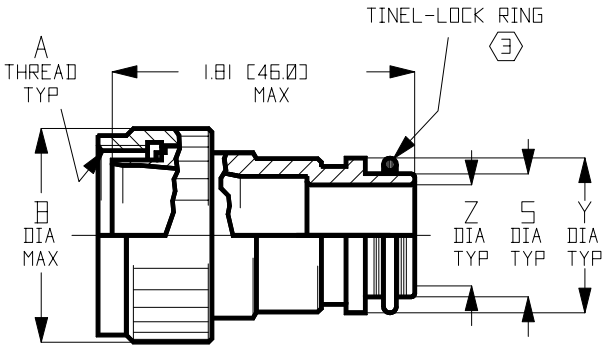
Raychem
RAYCHEM CORPORATION
300 CONSTITUTION DRIVE
MENLO PARK CALIFORNIA 94025

TITLE
TM
TINEL-LOCK ADAPTER

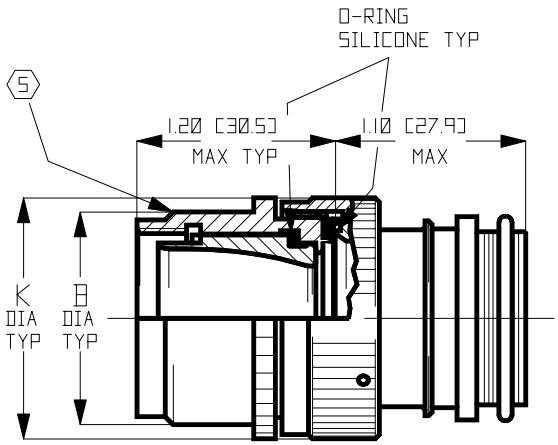
SIZE	CODE IDENT. NO.	DWG. NO.	REV
A	06090	TXR58	N/C

DO NOT SCALE THIS DWG

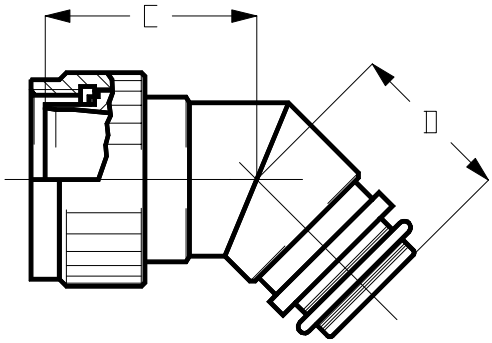
SEE SHEET 1 FOR REVISIONS



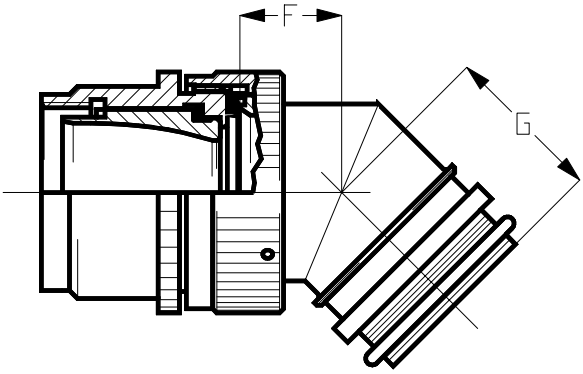
STRAIGHT ADAPTER - TYPE I



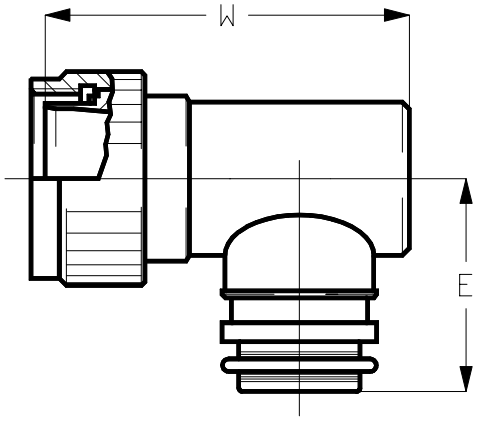
STRAIGHT ADAPTER - TYPE II



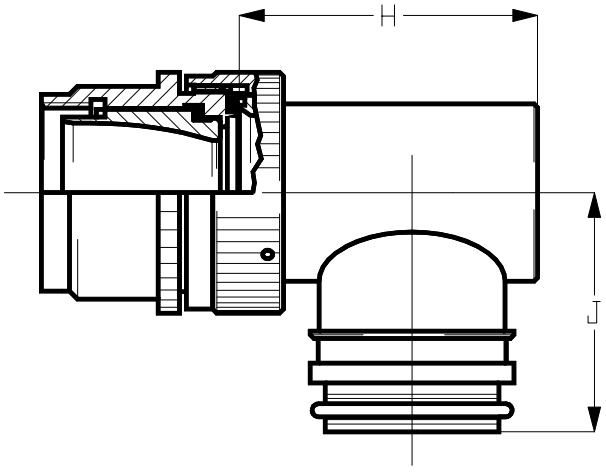
45# ADAPTER - TYPE I



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	

SEE SHEET 1 FOR REVISIONS

TABLE I

ORDER NO.	SHELL SIZE (6)	MAX ENTRY SIZE TYPE I (5)	A UNIFIED THREAD CLASS 2B	B DIA MAX	C MAX	D MAX	E MAX
10	10SL	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 +.010 -.020 [+0.25] [-0.50]	S DIAMETER		Y DIA #.015 [#0.38]	W MAX	F MAX	G MAX	H MAX	J MAX	K MAX
04	.250 [6.35]	.376 .370	[9.56] [9.39]	.550 [13.97]	1.71 [43.5]	N/A	N/A	N/A	N/A	N/A
05	.312 [7.92]	.438 .432	[11.13] [10.97]	.612 [15.54]	1.75 [44.5]	N/A	N/A	N/A	N/A	N/A
06	.375 [9.52]	.501 .495	[12.73] [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 .556	[14.31] [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 .619	[15.91] [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 .742	[19.11] [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 .867	[22.28] [22.02]	1.050 [26.67]	21.9 [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 .991	[25.46] [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 1.116	[28.63] [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 1.241	[31.81] [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 1.366	[34.98] [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 1.488	[38.15] [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 1.613	[41.33] [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

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