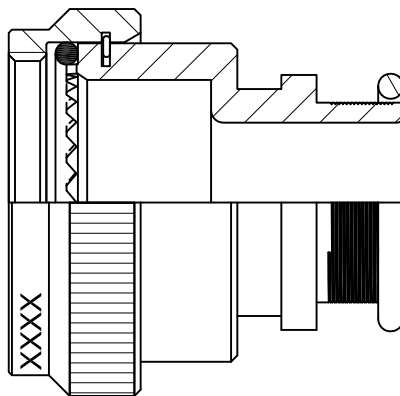


TE CONNECTIVITY RESERVES THE RIGHT TO AMEND THIS DRAWING AT ANY TIME. USERS SHOULD EVALUATE THE SUITABILITY OF THE PRODUCT FOR THEIR APPLICATION.

REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED
H	REVISED PER ECO-12-021161	04DEC12	G.WELLS
J	REVISED PER ECO-15-002319	16FEB15	H.SMITH



CODE 41 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 DETAILS ON TINEL-LOCK RING. RINGS ARE DESIGNED TO BE HEATED ELECTRICALLY. ALL RINGS ARE MARKED WITH THERMOCHROMIC PAINT WHICH CHANGES COLOR WHEN INSTALLATION TEMPERATURE IS REACHED.
4. ADAPTER TO BE PERMANENTLY MARKED WITH CODE IDENT. NO. AND PART NO. LESS RING DESIGNATOR (E.G.: 06090-TXR41AB00-1206). RINGS SHALL BEAR NO MARKING.
- ⑤ FOR LARGER ENTRY SIZES, A 2 PIECE ADAPTER (TYPE II) IS SUPPLIED.
- ⑥ ADAPTER MATES TO MIL-C-38999, SERIES I & II, CLASS E AND T, MS27466, MS27467, MS27468, MS27472, MS27473, MS27474, MS27479, MS27480, MS27481, MS27484, MS27497, MS27652, MS27653, MS27656 CONNECTORS.
- ⑦ THESE DIMENSIONS APPLY IF A SELF-LOCKING COUPLING NUT IS USED. (MOD. CODE "S").
- ⑧ THESE DIMENSIONS APPLY IF AN ADAPTER MATERIAL IS STAINLESS STEEL.

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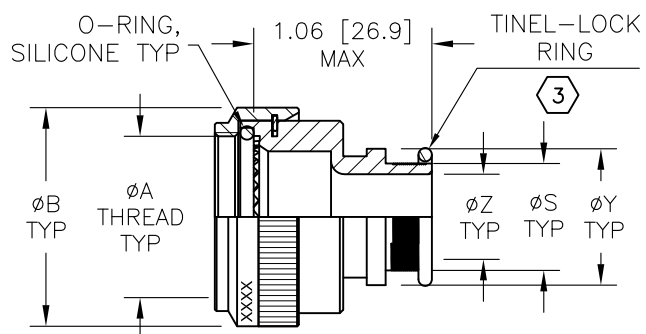
Raychem Adapters
CUSTOMER DRAWING

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. METRIC DIMENSIONS ARE IN BRACKETS. DECIMALS .XXX ± 0.005 [0.13 mm] .XX ± 0.01 [0.25 mm] .X ± 0.1 [0.50 mm] ANGLES .X ± 0.5 DEG	DRAWN	R. RAMIREZ	18-03-93	TE Connectivity		
	CHECKED	---	---			
	APPROVED	W.C. GAY	19-05-93	TITLE		
	REVISED	N. NAGAR	16-02-15			
	CAD NAME: txr41_1_j_cd					
THIRD ANGLE PROJECTION			SIZE A CODE IDENT. NO. 06090 DWG. NO. TXR41			
			DO NOT SCALE THIS DRAWING		SHEET 1 OF 3	

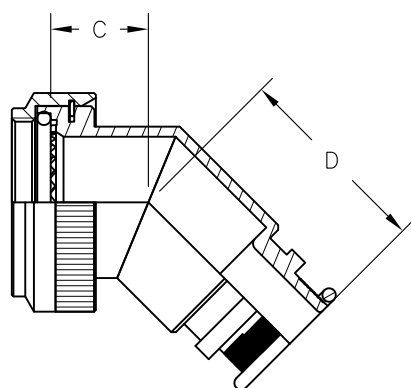
2

1

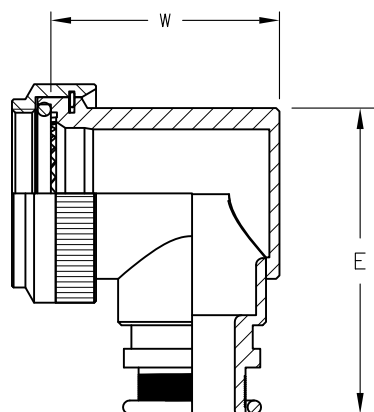
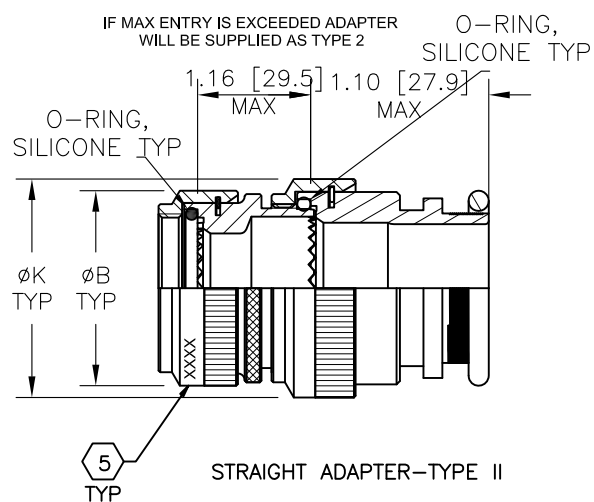
SEE SHEET 1 FOR REVISION



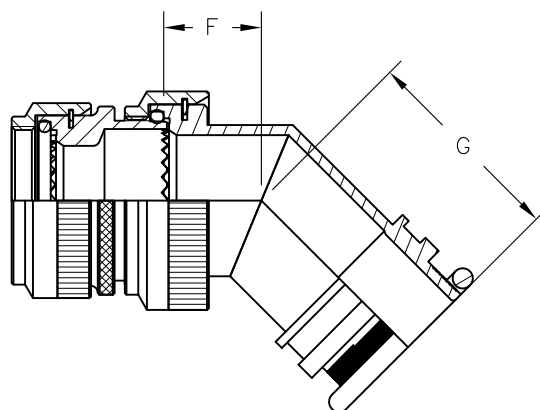
STRAIGHT ADAPTER-TYPE I



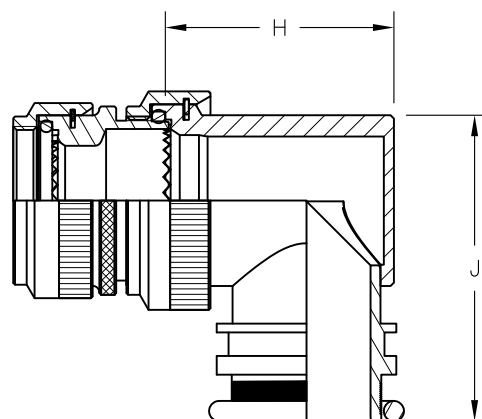
45° ADAPTER-TYPE I

90° ADAPTER
TYPE I

STRAIGHT ADAPTER-TYPE II



45° ADAPTER-TYPE II

90° ADAPTER
TYPE IIRaychem Adapters
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SIZE	CODE IDENT. NO.	DWG. NO.	REV
A	06090	TXR41	J
DO NOT SCALE THIS DRAWING			CAD NAME: txr41_2_j_cd
SHEET 2 OF 3			

2

1



SEE SHEET 1 FOR REVISION

TABLE I											
ORDER NO.	SHELL SIZE 		MAX ENTRY SIZE TYPE I 	A UNIFIED THD CLASS 2B	B DIA MAX	B DIA MAX 	C MAX	D MAX	E MAX	W MAX	W MAX 
	SER 1	SER 2									
08	9	8	04	.438-28 UNEF	.750 [19.10]	.969 [24.6]	.69 [17.5]	1.075 [27.3]	1.15 [29.2]	.85 [21.6]	.85 [21.8]
10	11	10	06	.562-24 UNEF	.850 [21.60]	1.063 [27.0]	.72 [18.3]	1.102 [28.0]	1.21 [30.7]	.97 [24.6]	.98 [24.9]
12	13	12	08	.688-24 UNEF	.965 [24.50]	1.219 [31.0]	.74 [18.8]	1.122 [28.5]	1.28 [32.5]	1.10 [27.9]	1.13 [28.9]
14	15	14	10	.812-20 UNEF	1.142 [29.00]	1.406 [35.7]	.76 [19.3]	1.161 [29.5]	1.34 [34.0]	1.24 [31.5]	1.25 [31.7]
16	17	16	12	.938-20 UNEF	1.250 [31.80]	1.469 [37.3]	.79 [20.1]	1.189 [30.2]	1.40 [35.6]	1.36 [34.5]	1.37 [34.8]
18	19	18	12	1.062-18 UNEF	1.400 [35.60]	1.594 [40.5]	.81 [20.6]	1.220 [31.0]	1.46 [37.1]	1.41 [35.8]	1.53 [39.1]
20	21	20	14	1.188-18 UNEF	1.500 [38.10]	1.750 [44.5]	.84 [21.3]	1.236 [31.4]	1.53 [38.9]	1.53 [38.9]	1.62 [41.3]
22	23	22	16	1.312-18 UNEF	1.650 [41.90]	1.844 [46.8]	.87 [22.1]	1.244 [31.6]	1.59 [40.4]	1.67 [42.5]	1.74 [44.3]
24	25	24	18	1.438-18 UNEF	1.750 [44.45]	2.031 [51.6]	.89 [22.6]	1.283 [32.6]	1.65 [41.9]	1.79 [45.5]	1.85 [47.0]

TABLE II										
ENTRY SIZE	Z +.010 -.020	S DIA		Y ±.015 [±0.38]	F MAX	G MAX	H MAX	J MAX	K MAX	K MAX 7
04	.250 [6.35]	.376 [9.56]	.370 [9.39]	.550 [13.97]	N/A	N/A	N/A	N/A	N/A	N/A
05	.312 [7.92]	.438 [11.13]	.432 [10.97]	.612 [15.54]	.77 [19.6]	1.10 [28.0]	1.19 [30.2]	1.16 [29.5]	.83 [21.0]	.97 [24.6]
06	.375 [9.52]	.501 [12.73]	.495 [12.57]	.675 [17.14]	.77 [19.6]	1.10 [28.0]	1.19 [30.2]	1.16 [29.5]	.83 [21.0]	.97 [24.6]
07	.437 [11.09]	.563 [14.31]	.556 [14.12]	.737 [18.71]	.80 [20.3]	1.10 [28.0]	1.38 [35.1]	1.22 [31.0]	.92 [23.4]	.97 [24.6]
08	.500 [12.70]	.626 [15.91]	.619 [15.72]	.800 [20.32]	.80 [20.3]	1.12 [28.5]	1.38 [35.1]	1.22 [31.0]	.96 [24.5]	1.11 [28.3]
10	.625 [15.87]	.752 [19.11]	.742 [18.84]	.925 [23.49]	.84 [21.3]	1.16 [29.5]	1.51 [38.4]	1.35 [34.3]	1.18 [30.0]	1.28 [32.4]
12	.750 [19.05]	.877 [22.28]	.867 [22.02]	1.050 [26.67]	.88 [22.4]	1.19 [30.2]	1.63 [41.4]	1.40 [35.6]	1.35 [34.3]	1.40 [35.6]
14	.875 [22.23]	1.002 [25.46]	.991 [25.17]	1.175 [29.84]	.88 [22.4]	1.22 [31.0]	1.78 [45.2]	1.46 [37.1]	1.41 [35.8]	1.51 [38.5]
16	1.000 [25.40]	1.127 [28.63]	1.116 [28.34]	1.300 [33.02]	.93 [23.6]	1.24 [31.4]	1.88 [47.8]	1.53 [38.9]	1.60 [40.6]	1.64 [41.7]
18	1.125 [28.57]	1.252 [31.81]	1.241 [31.52]	1.425 [36.19]	.93 [23.6]	1.25 [31.6]	2.01 [51.1]	1.59 [40.4]	1.66 [42.2]	1.73 [43.9]
20	1.250 [31.75]	1.377 [34.98]	1.366 [34.69]	1.550 [39.37]	.98 [24.9]	1.28 [32.6]	2.13 [54.1]	1.78 [45.2]	2.04 [51.8]	2.04 [51.8]
22	1.375 [34.93]	1.502 [38.15]	1.488 [37.79]	1.675 [42.55]	1.03 [26.2]	1.41 [35.8]	2.29 [58.2]	1.85 [47.0]	2.23 [56.6]	2.23 [56.6]
24	1.500 [38.10]	1.627 [41.33]	1.613 [40.97]	1.800 [45.72]	1.08 [27.4]	1.52 [38.6]	2.42 [61.5]	1.92 [48.8]	2.23 [56.6]	2.23 [56.6]

Raychem Adapters
CUSTOMER DRAWING

SIZE	CODE IDENT. NO.	DWG. NO.	REV
A	06090	TXR41	J
DO NOT SCALE THIS DRAWING			CAD NAME: txr41_3_j_cd
SHEET 3 OF 3			

