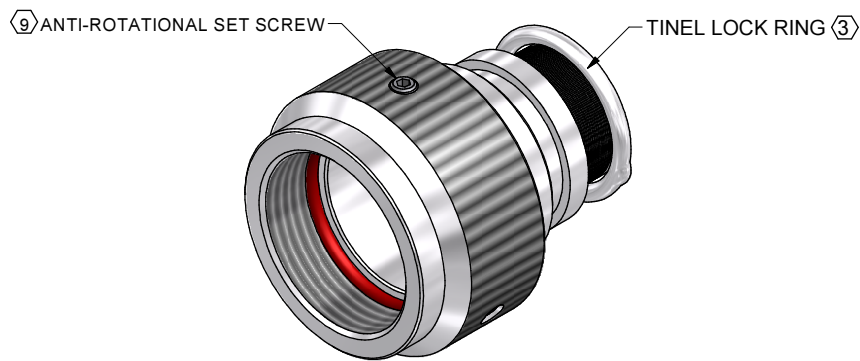




CODE 18 - TINEL-LOCK BACKSHELL

TXR18AB00 -1608AI-

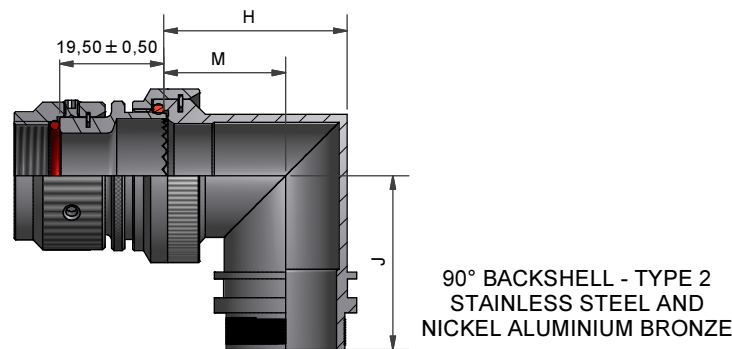
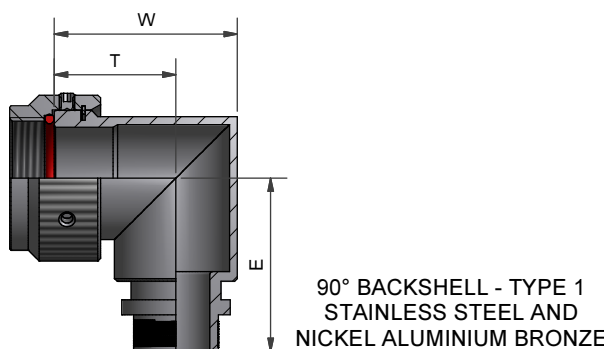
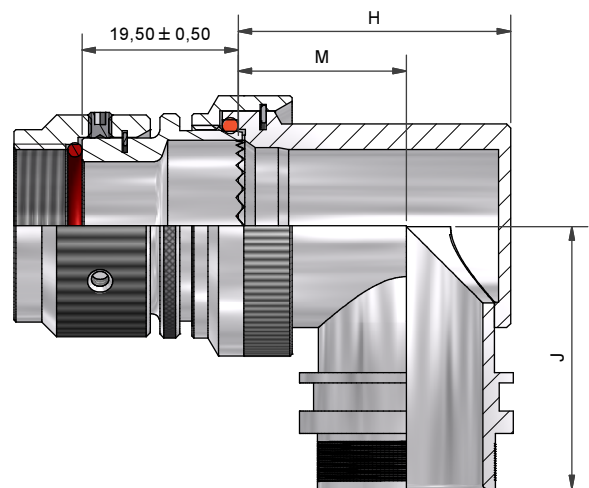
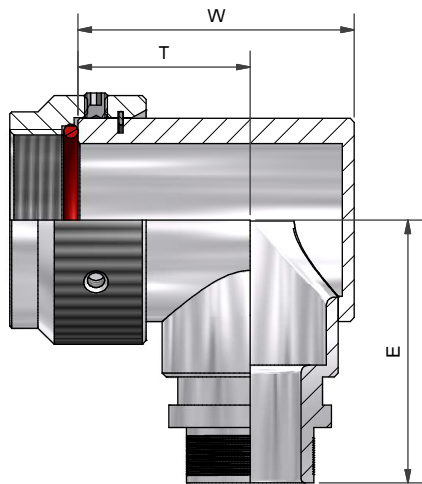
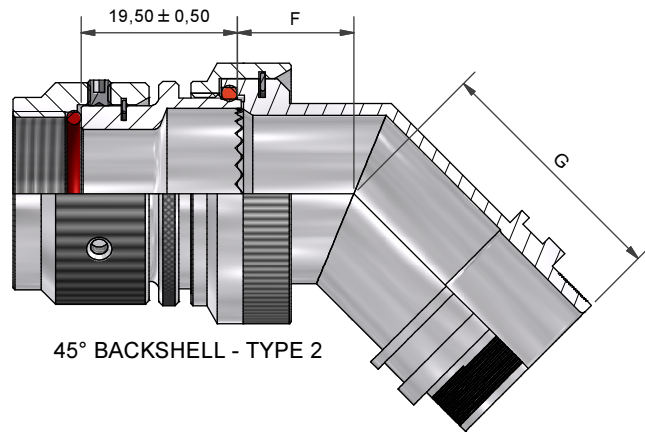
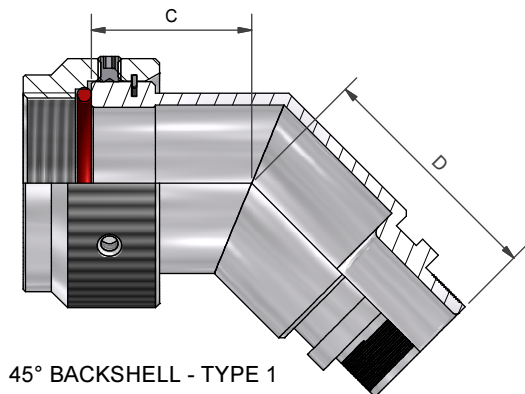
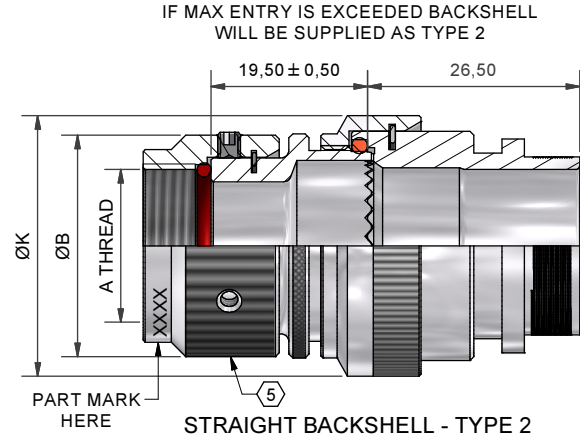
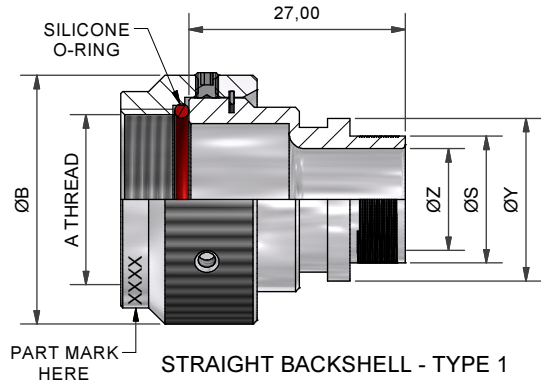
SERIES
 TXR: RING INCLUDED
 (SEE RING OPTION)
 TX: RING NOT INCLUDED
 CONNECTOR INTERFACE
 MATERIAL
 REFER TO CH00-0250-008
 FINISH
 REFER TO CH00-0250-008
 ANGLE
 MANUFACTURER CODE
 SEE TABLE 3
 DASH NUMBER (TABLE 1)
 ENTRY SIZE (TABLE 2)
 RING OPTION
 AI - TO SUIT SINGLE BRAID
 BI - TO SUIT DOUBLE BRAID
 FOR TX, LEAVE BLANK
 MODIFICATION CODE
 REFER TO CH00-0250-008 (2)

NOTES:

1. THIS PRODUCT IS DESIGNED TO TERMINATE A BRAIDED CABLE SHIELD AND A HEAT SHRINKABLE LIPPED BOOT TO A CONNECTOR.
- (2) FOR ADDITIONAL DIMENSIONS, ORDERING INFORMATION AND MODIFICATIONS, SEE CH00-0250-008.
- (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. BACKSHELL TO BE PERMANENTLY MARKED/BAGGED AND LABELLED WITH CODE IDENTIFICATION NUMBER AND PART NUMBER LESS RING DESIGNATOR. (e.g. 06090-TXR18AB00-1406). RING SHALL BEAR NO MARKING.
- (5) IF MAX ENTRY IS EXCEEDED, A 2 PIECE BACKSHELL ASSEMBLY (TYPE 2) IS SUPPLIED.
6. BACKSHELL MATES TO MIL-DTL-5015D, CLASS A, E & R, MS3100, MS3101 & MS3106. RESILIENT INSERT, SOLDER TYPE & BENDIX 10-214, CANNON CA-RX COMMERCIAL CRIMP TYPE.
- (7) ADDITIONAL PIECE(S) SUPPLIED WHEN CONNECTOR MANUFACTURER IS UNKNOWN ("D" IN TABLE 1).
- (8) ALL THREADS SIZES FOR ORDER NO. APPLY
- (9) ANTI-ROTATIONAL SET SCREW, THREE THREADED HOLES $120^\circ \pm 5^\circ$ APART, SINGLE MATING SET SCREW SUPPLIED: AN565DC4H2, NOT REQUIRED FOR TYPE 2 ADAPTERS.

If this document is printed it becomes uncontrolled. Check for the latest revision

DRAWN	K.WINCZURA	DATE 18/12/2014	 3RD ANGLE PROJECTION NOT TO SCALE UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS IN MILLIMETRES GENERAL TOL LINEAR +/-0.25MM ANGULAR +/- 1°	TITLE:	 Polamco TE connectivity
CHECKED		18/12/2014		TINEL-LOCK BACKSHELL	
APPROVED	K.SHEPPARD	19/12/2014		ASSY USED ON:	
APPROVED	H.SMITH	07/07/2015		MIL-DTL-5015D	
REVISIONS					
LTR	DESCRIPTION	DATE	APPROVED		
J	REVISED PER ECO-15-002435	18/02/2015	H.SMITH		
K	REVISED PER ECO-15-009990	07/07/2015	H.SMITH		
TE CAGE CODE: 06090 POLAMCO/TE CAGE CODE: U5792				TE CONNECTIVITY - POLAMCO LTD RESERVES THE RIGHT TO AMEND THIS DRAWING AND THE INFORMATION SET FORTH HEREON AT ANY TIME. USERS SHOULD INDEPENDENTLY EVALUATE THE SUITABILITY OF THE PRODUCT FOR THEIR APPLICATION.	DRAWING NO: TXR18 DRAWING REV: K SHT 1



DRAWN	K.WINCZURA	DATE	18/12/2014
CHECKED		DATE	18/12/2014
APPROVED	K.SHEPPARD	DATE	19/12/2014
APPROVED	H.SMITH	DATE	07/07/2015
REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED
J	REVISED PER ECO-15-002435	18/02/2015	H.SMITH
K	REVISED PER ECO-15-009990	07/07/2015	H.SMITH
TE CAGE CODE: 06090 POLAMCO/TE CAGE CODE: U5792			

TITLE:		TINEL-LOCK BACKSHELL	
ASSY USED ON:		MIL-DTL-5015D	
TE CONNECTIVITY - POLAMCO LTD RESERVES THE RIGHT TO AMEND THIS DRAWING AND THE INFORMATION SET FORTH HEREON AT ANY TIME. USERS SHOULD INDEPENDENTLY EVALUATE THE SUITABILITY OF THE PRODUCT FOR THEIR APPLICATION.		DRAWING NO: TXR18	DRAWING K



Polamco



TE
connectivity

DRAWING NO:	DRAWING REV:	SHT
TXR18	K	2

TABLE 1

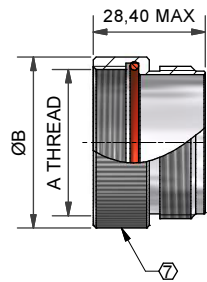
											THESE DIMENSIONS APPLY IF BACKSHELL IS STAINLESS STEEL OR NICKEL ALUMINIUM BRONZE		
ORDER NUMBER	SHELL SIZE	MFR CODE TABLE 3	MAX ENTRY	A THREAD	ØB MAX	C ±0,5	D ±0,5	W ±0,5	T ±0,5	E ±0,5	W ±0,5	T ±0,5	E ±0,5
08	8S	B	04	3/8-32 UNEF	18,5	15,0	20,1	21,7	15,2	26,0	21,7	15,2	29,0
	8S	C	04	7/16-28 UNEF	18,1	15,0	20,1	21,7	15,2	26,0	21,7	15,2	29,0
	8S	A, R	04	7/16-27 UNS	18,5	15,0	20,1	21,7	15,2	26,0	21,7	15,2	29,0
	8S	D (8)	04	(7)	18,5	15,0	20,1	21,7	15,2	26,0	21,7	15,2	29,0
10	10S	-	06	1/2-28 UNEF	19,8	15,4	21,6	23,2	15,7	27,7	23,2	15,7	31,2
11	10SL	C	07	9/16-24 UNEF	21,6	18,4	21,6	25,0	16,5	27,7	27,2	17,5	33,0
	10SL	A, B, R	07	5/8-24 UNEF	23,2	18,4	21,6	27,2	17,5	27,7	27,2	17,5	33,0
	10SL	D (8)	07	(7)	23,2	18,4	21,6	27,2	17,5	27,7	27,2	17,5	33,0
12	12 & 12S	B, C	08	5/8-24 UNEF	23,0	18,4	21,6	27,2	17,5	27,7	27,2	17,5	33,0
	12 & 12S	A, R	08	11/16-24 UNEF	24,9	18,4	21,6	27,2	17,5	27,7	27,2	17,5	33,0
	12 & 12S	D (8)	08	(7)	24,9	18,4	21,6	27,2	17,5	27,7	27,2	17,5	33,0
14	14 & 14S	-	10	3/4-20UNEF	27,7	19,3	22,2	30,7	19,5	30,7	30,7	19,5	34,9
16	16 & 16S	-	12	7/8-20 UNEF	31,1	20,0	23,6	34,2	21,5	32,4	34,2	21,5	35,5
18	18	-	12	1-20 UNEF	34,4	20,6	23,7	37,2	23,0	34,0	37,2	23,0	37,2
20	20	A, B, C	16	1 1/8-18 UNEF	37,6	21,3	24,6	40,7	24,5	35,6	40,7	24,5	38,7
	20	R	16	1 1/8-24 UNS	37,6	21,3	24,6	40,7	24,5	35,6	40,7	24,5	38,7
	20	D (8)	16	(7)	37,6	21,3	24,6	40,7	24,5	35,6	40,7	24,5	38,7
22	22	-	18	1 1/4-18 UNEF	40,6	21,9	25,0	43,7	26,0	37,1	43,7	26,0	40,2
24	24	-	20	1 3/8-18 UNEF	43,6	22,5	25,4	46,7	27,5	38,6	46,7	27,5	44,9
28	28	-	22	1 5/8-18 UNEF	48,6	23,6	25,4	51,7	30,0	41,1	51,7	30,0	46,0
32	32	B, C	24	1 7/8-16 UN	54,9	24,9	27,5	58,4	32,7	44,5	58,4	32,2	51,3
	32	A, R	24	1 29/32-18 UN	54,9	24,9	27,5	58,4	32,7	44,5	58,4	32,2	51,3
	32	D (8)	24	(7)	54,9	24,9	27,5	58,4	32,7	44,5	58,4	32,2	51,3
36	36	B	24	2 1/16-16 UNS	64,6	27,5	29,0	67,7	38,0	49,1	67,7	38,0	54,3
	36	R	24	2 1/16-20 UNS	64,6	27,5	29,0	67,7	38,0	49,1	67,7	38,0	54,3
	36	C	24	2 1/8-16 UN	64,6	27,5	29,0	67,7	38,0	49,1	67,7	38,0	54,3
	36	A	24	2 1/8-18 UNS	64,6	27,5	29,0	67,7	38,0	49,1	67,7	38,0	54,3
	36	D (8)	24	(7)	64,6	27,5	29,0	67,7	38,0	49,1	67,7	38,0	54,3
40	40	B	24	2 5/16-16 UN	70,6	30,1	30,1	72,2	41,1	51,3	72,2	41,1	57,5
	40	A, C, R	24	2 3/8-16UN	70,6	30,1	30,1	72,2	41,1	51,3	72,2	41,1	57,5
	40	D (8)	24	(7)	69,3	30,1	30,1	72,2	41,1	51,3	72,2	41,1	57,5
44	44	-	24	2 5/8-16 UN	82,0	30,1	30,1	77,6 MAX	41,1	51,3	72,2	41,1	57,5
48	48	C	24	2 13/16-18 UNS	82,0	31,3	38,5	84,0 MAX	44,1	57,5	75,5	40,8	57,5
	48	A, R	24	2 7/8-16 UN	82,0	31,3	38,5	84,0 MAX	47,2	57,5	75,5	40,8	57,5
	48	D (8)	24	(7)	82,0	31,3	38,5	84,0 MAX	47,2	57,5	75,5	40,8	57,5

TABLE 2

													THESE DIMENSIONS APPLY IF BACKSHELL IS STAINLESS STEEL OR NICKEL ALUMINIUM BRONZE
ENTRY SIZE	ØZ MIN	ØS	ØY ±0,3	ØK MAX	F ±0,5	G ±0,5	H ±0,5	M ±0,5	J ±0,5	H ±0,5	M ±0,5	J ±0,5	
04	6,35	9,49 +/-0,04	14,00	NA	NA	NA	NA	NA	NA	NA	NA	NA	
05	7,92	11,06 +/-0,04	15,50	21,0	12,5	27,5	24,0	15,5	27,95	24,3	17,2	28,2	
06	9,53	12,66 +/-0,04	17,10	21,0	12,5	27,5	24,0	15,5	27,95	24,3	17,2	28,2	
07	11,10	14,21 +/-0,07	18,70	21,0	12,5	27,5	24,0	15,5	27,95	24,3	17,2	28,2	
08	12,70	15,81 +/-0,07	20,30	24,5	13,1	28,0	27,0	17,0	29,45	28,3	19,4	29,7	
10	15,88	18,96 +/-0,08	23,50	29,0	13,5	29,0	31,0	19,5	31,00	31,1	21,0	31,2	
12	19,05	22,14 +/-0,08	26,70	32,5	14,5	29,7	34,0	21,0	32,70	34,2	22,8	32,9	
14	22,23	25,30 +/-0,08	29,80	35,5	15,5	30,5	35,0	20,0	34,25	38,5	25,3	34,5	
16	25,40	28,48 +/-0,08	33,00	37,0	16,1	30,9	38,0	21,5	35,80	40,7	26,1	36,1	
18	28,58	31,65 +/-0,08	36,20	40,0	16,5	31,1	42,0	24,0	37,40	43,7	27,6	37,6	
20	31,75	34,83 +/-0,08	39,40	43,5	17,0	32,1	45,0	25,5	38,90	46,4	29,1	39,1	
22	34,93	37,98 +/-0,08	42,50	48,5	18,5	35,3	54,5	31,0	42,00	50,0	31,0	42,0	
24	38,10	41,15 +/-0,08	45,70	52,1	21,9	38,1	58,0	33,0	46,00	53,5	33,0	46,0	

TABLE 3

MFR CODE	CONNECTOR MANUFACTURER (MS 3100, MS 3101 & MS 3106)
A	AMPHENOL - CLASS A
B	BENDIX - CLASS A, E & R
C	CANNON - CLASS A, E & R
D	MFR UNKNOWN, CLASS A, E & R
R	AMPHENOL - CLASS R
-	MFR CODE NOT REQUIRED



If this document is printed it becomes uncontrolled. Check for the latest revision

DRAWN	K.WINCZURA	DATE	18/12/2014	 3RD ANGLE PROJECTION NOT TO SCALE	TITLE:	TINEL-LOCK BACKSHELL				 Polamco 
CHECKED		18/12/2014								
APPROVED	K.SHEPPARD	19/12/2014	UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS IN MILLIMETRES GENERAL TOL LINEAR +/-0,25MM ANGULAR +/- 1°		ASSY USED ON:	MIL-DTL-5015D				
APPROVED	H.SMITH	07/07/2015								
REVISIONS										
LTR	DESCRIPTION		DATE	APPROVED						
J	REVISED PER ECO-15-002435		18/02/2015	H.SMITH						
K	REVISED PER ECO-15-009990		07/07/2015	H.SMITH						
TE CAGE CODE: 06090 POLAMCO/TE CAGE CODE: U5792					TE CONNECTIVITY - POLAMCO LTD RESERVES THE RIGHT TO AMEND THIS DRAWING AND THE INFORMATION SET FORTH HEREON AT ANY TIME. USERS SHOULD INDEPENDENTLY EVALUATE THE SUITABILITY OF THE PRODUCT FOR THEIR APPLICATION.		DRAWING NO:	DRAWING REV:	SHT	
							TXR18	K	3	