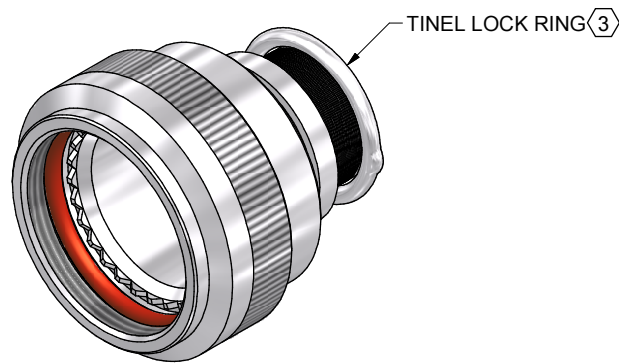




CODE 40 - TINEL-LOCK BACKSHELL

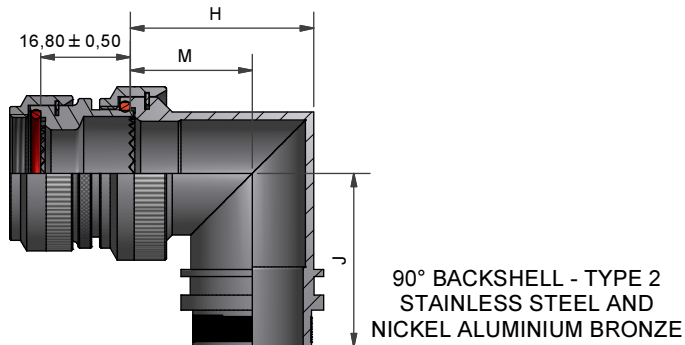
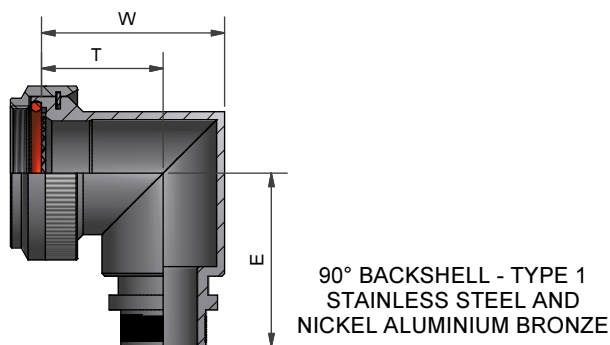
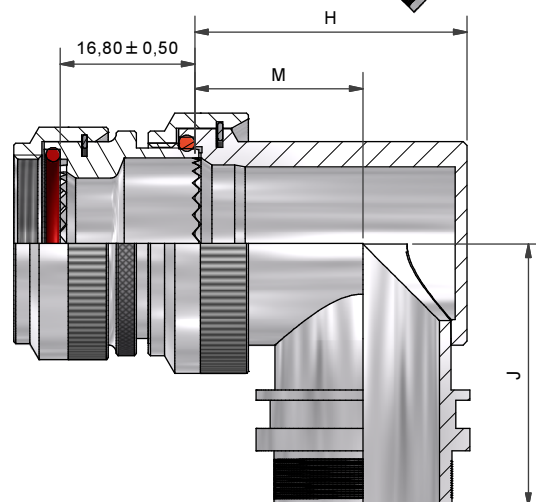
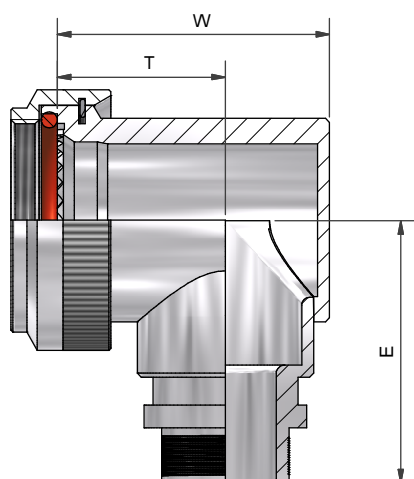
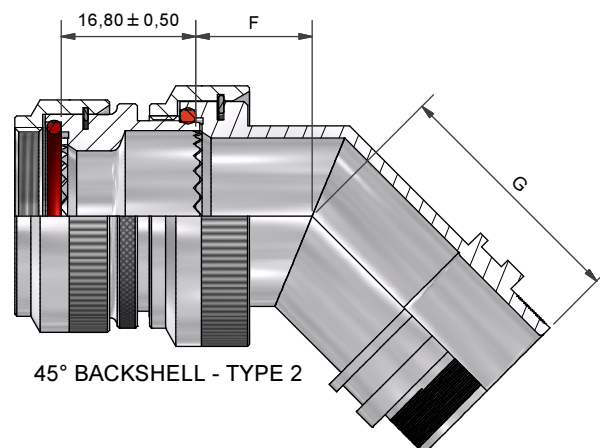
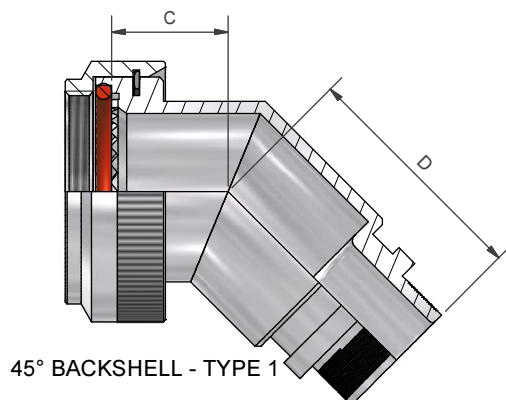
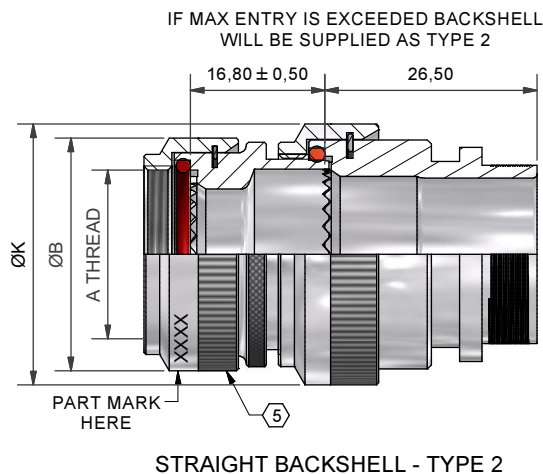
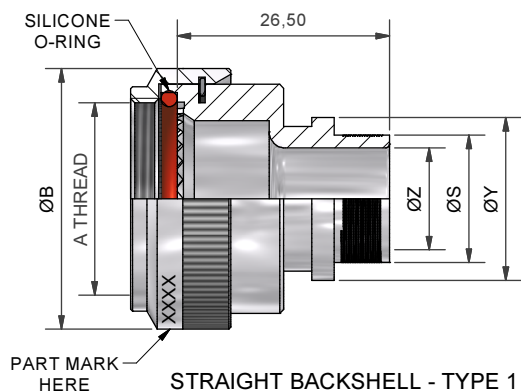
TXR40AB00-1608AI-S

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	_____
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-TXR40AB00-1206). RING SHALL BEAR NO MARKING.
- (5) FOR LARGER ENTRY SIZES, A 2 PIECE BACKSHELL ASSEMBLY (TYPE 2) IS SUPPLIED.
6. BACKSHELL MATES TO MIL-DTL-38999, SERIES III AND IV, CLASS C, F, K, AND W, D38999/20, /24, /26, /40, /46 AND /47 CONNECTORS, AND WHEN SO MATED SHALL PROVIDE A WATER-TIGHT SEAL MEETING THE REQUIREMENTS OF MIL-C-85049, PARA. 3. 5. 7.
- (7) THESE DIMENSIONS APPLY IF A SELF-LOCKING COUPLING NUT IS USED.

DRAWN	K.WINCZURA	DATE	04/12/2014	 3RD ANGLE PROJECTION NOT TO SCALE	TITLE: TINEL-LOCK BACKSHELL		 Polamco 		
CHECKED		DATE	04/12/2014						
APPROVED	K.SHEPPARD	DATE	04/12/2014		ASSY USED ON: MIL-DTL-38999 SERIES III & IV				
APPROVED	H.SMITH	DATE	15/06/2015						
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS IN MILLIMETRES GENERAL TOL LINEAR +/-0.25MM ANGULAR +/- 1°									
REVISIONS									
LTR	DESCRIPTION		DATE	APPROVED					
J	REVISED PER ECO-12-021161		12.04.12	G.WELLS					
K	REVISED PER ECO-15-002200		11.02.15	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: TXR40	DRAWING REV: K	SHT 1



DRAWN	K.WINCZURA	DATE	04/12/2014
CHECKED		DATE	04/12/2014
APPROVED	K.SHEPPARD	DATE	04/12/2014
APPROVED	H.SMITH	DATE	15/06/2015
REVISIONS			
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3RD ANGLE
PROJECTION
NOT TO
SCALE

UNLESS OTHERWISE SPECIFIED
ALL DIMENSIONS IN MILLIMETRES
GENERAL TOL
LINEAR $\pm 0,25$ MM
ANGULAR $\pm 1^\circ$

TITLE:

TINEL-LOCK BACKSHELL

ASSY USED ON:

MIL-DTL-38999 SERIES III & IV

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.

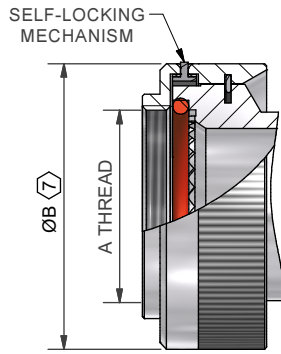
DRAWING NO:
TXR40

DRAWING REV:
K

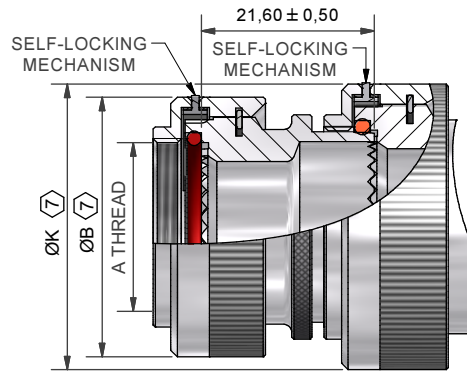
SHT
2



MODIFICATION S (SELF-LOCKING COUPLING NUT)



BACKSHELL - TYPE 1



BACKSHELL - TYPE 2

TABLE 1

ORDER NO.	SHELL SIZE COM'L / MIL	A THREAD	ØB MAX	ØB MAX ∇	MAX ENTRY	C $\pm 0,5$	D $\pm 0,5$	W $\pm 0,5$	T $\pm 0,5$	E $\pm 0,5$	THESE DIMENSIONS APPLY IF BACKSHELL IS STAINLESS STEEL OR NICKEL ALUMINIUM BRONZE		
08	9 / A	M12 x 1.0	18,0	21,5	04	12,0	26,8	21,0	14,0	26,20	W $\pm 0,5$	T $\pm 0,5$	E $\pm 0,5$
10	11 / B	M15 x 1.0	21,0	24,6	07	12,5	27,5	24,0	15,5	27,95	24,3	17,2	28,2
12	13 / C	M18 x 1.0	24,5	28,3	08	13,1	28,0	27,0	17,0	29,45	28,3	19,4	29,7
14	15 / D	M22 x 1.0	29,0	32,4	10	13,5	29,0	31,0	19,5	31,00	31,1	21,0	31,2
16	17 / E	M25 x 1.0	32,5	35,6	12	14,5	29,7	34,0	21,0	32,70	34,2	22,8	32,9
18	19 / F	M28 x 1.0	35,5	38,5	14	15,5	30,5	35,0	20,0	34,25	38,5	25,3	34,5
20	21 / G	M31 x 1.0	37,0	41,7	16	16,1	30,9	38,0	21,5	35,80	40,7	26,1	36,1
22	23 / H	M34 x 1.0	40,0	43,9	18	16,5	31,1	42,0	24,0	37,40	43,7	27,6	37,6
24	25 / J	M37 x 1.0	43,5	47,0	20	17,0	32,1	45,0	25,5	38,90	46,4	29,1	39,1

TABLE 2

ENTRY SIZE	ØZ MIN	ØS	ØY $\pm 0,3$	ØK MAX	ØK MAX ∇	F $\pm 0,5$	G $\pm 0,5$	H $\pm 0,5$	M $\pm 0,5$	J $\pm 0,5$	THESE DIMENSIONS APPLY IF BACKSHELL IS STAINLESS STEEL OR NICKEL ALUMINIUM BRONZE		
04	6,35	9,49 $\pm 0,04$	14,00	NA	NA	NA	NA	NA	NA	NA	H $\pm 0,5$	M $\pm 0,5$	J $\pm 0,5$
05	7,92	11,06 $\pm 0,04$	15,50	21,0	24,6	12,5	27,5	24,0	15,5	27,95	24,3	17,2	28,2
06	9,53	12,66 $\pm 0,04$	17,10	21,0	24,6	12,5	27,5	24,0	15,5	27,95	24,3	17,2	28,2
07	11,10	14,21 $\pm 0,07$	18,70	21,0	24,6	12,5	27,5	24,0	15,5	27,95	24,3	17,2	28,2
08	12,70	15,81 $\pm 0,07$	20,30	24,5	28,3	13,1	28,0	27,0	17,0	29,45	28,3	19,4	29,7
10	15,88	18,96 $\pm 0,08$	23,50	29,0	32,4	13,5	29,0	31,0	19,5	31,00	31,1	21,0	31,2
12	19,05	22,14 $\pm 0,08$	26,70	32,5	35,6	14,5	29,7	34,0	21,0	32,70	34,2	22,8	32,9
14	22,23	25,30 $\pm 0,08$	29,80	35,5	38,5	15,5	30,5	35,0	20,0	34,25	38,5	25,3	34,5
16	25,40	28,48 $\pm 0,08$	33,00	37,0	41,7	16,1	30,9	38,0	21,5	35,80	40,7	26,1	36,1
18	28,58	31,65 $\pm 0,08$	36,20	40,0	43,9	16,5	31,1	42,0	24,0	37,40	43,7	27,6	37,6
20	31,75	34,83 $\pm 0,08$	39,40	43,5	47,0	17,0	32,1	45,0	25,5	38,90	46,4	29,1	39,1
22	34,93	37,98 $\pm 0,08$	42,50	48,5	50,0	18,5	35,3	54,5	31,0	42,00	50,0	31,0	42,0
24	38,10	41,15 $\pm 0,08$	45,70	52,1	56,0	21,9	38,1	58,0	33,0	46,00	53,5	33,0	46,0

DRAWN	K.WINCZURA	DATE 04/12/2014	 3RD ANGLE PROJECTION NOT TO SCALE	TITLE: TINEL-LOCK BACKSHELL	 Polamco 												
CHECKED		04/12/2014	UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS IN MILLIMETRES GENERAL TOL LINEAR $\pm 0,25$ MM ANGULAR $\pm 1^\circ$	ASSY USED ON: MIL-DTL-38999 SERIES III & IV													
APPROVED	K.SHEPPARD	04/12/2014		REVISIONS <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>LTR</th> <th>DESCRIPTION</th> <th>DATE</th> <th>APPROVED</th> </tr> <tr> <td>J</td> <td>REVISED PER ECO-12-021161</td> <td>12.04.12</td> <td>G.WELLS</td> </tr> <tr> <td>K</td> <td>REVISED PER ECO-15-002200</td> <td>11.02.15</td> <td>H.SMITH</td> </tr> </table>		LTR	DESCRIPTION	DATE	APPROVED	J	REVISED PER ECO-12-021161	12.04.12	G.WELLS	K	REVISED PER ECO-15-002200	11.02.15	H.SMITH
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				DRAWING NO: TXR40	DRAWING REV: K	SHT 3											