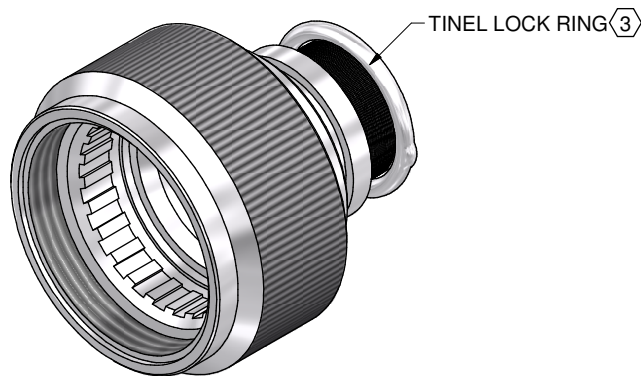




CODE 30 - TINEL-LOCK BACKSHELL

TXR30AB00-1608AI-S

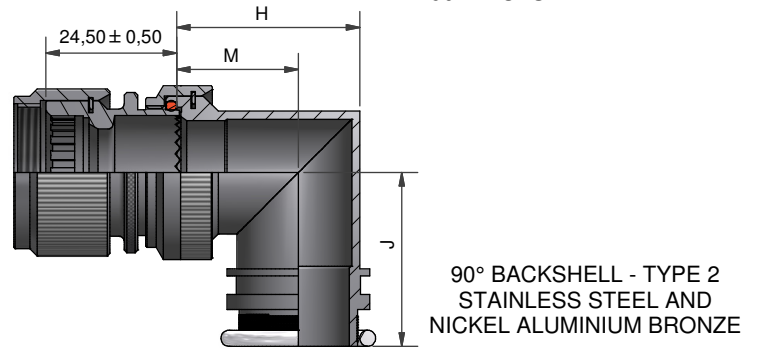
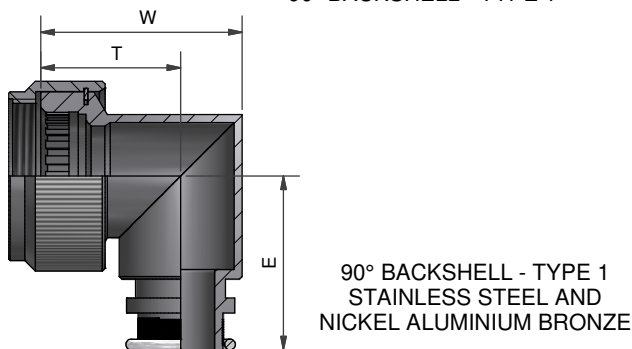
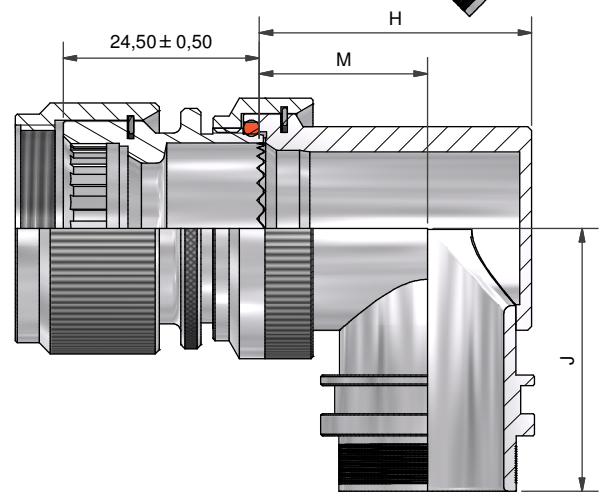
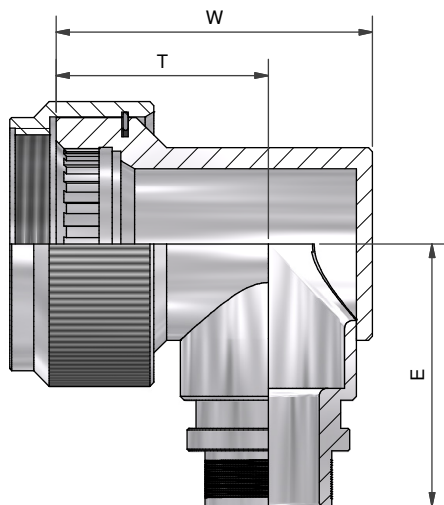
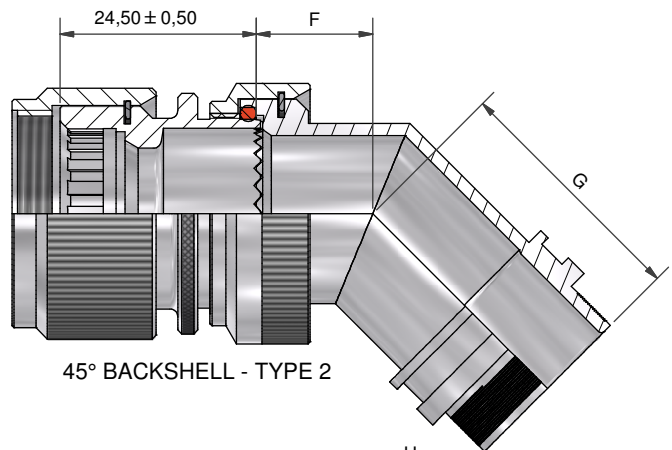
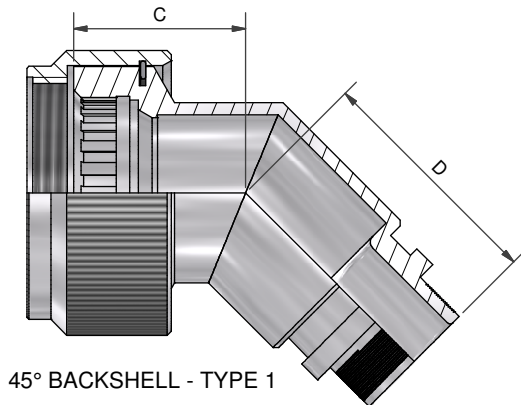
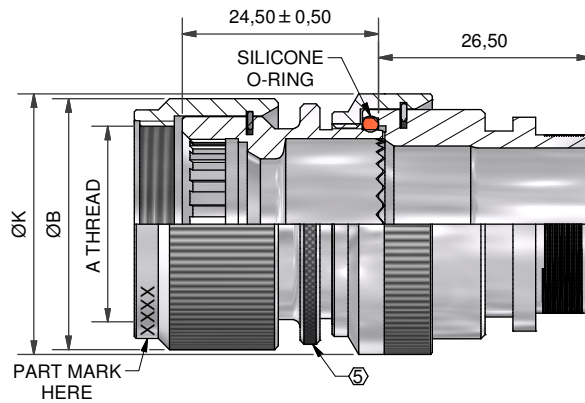
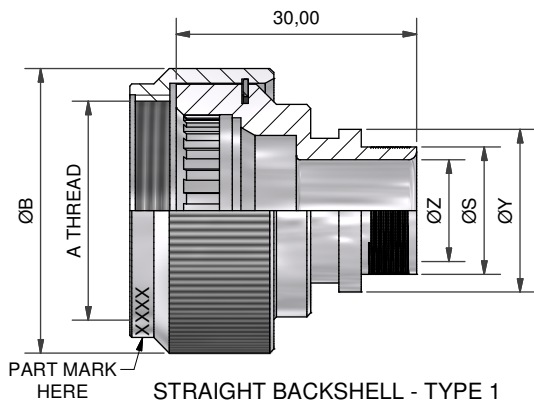
SERIES _____
 TXR: RING INCLUDED
 (SEE RING OPTION)
 TX: RING NOT INCLUDED
 CONNECTOR INTERFACE _____
 MATERIAL _____
 REFER TO CH00-0250-008
 FINISH _____
 REFER TO CH00-0250-008
 ANGLE _____
 ORDER NUMBER (TABLE 1) _____
 ENTRY SIZE (TABLE 2) _____
 RING OPTION _____
 AI - TO SUIT SINGLE BRAID
 BI - 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-TXR30AB00-1206). RING SHALL BEAR NO MARKING.
- (5) FOR LARGER ENTRY SIZES, A 2 PIECE BACKSHELL ASSEMBLY (TYPE 2) IS SUPPLIED.
6. BACKSHELL MATES TO MIL-C-28840, M28840/10, /11, /14 & /16
- (7) THESE DIMENSIONS APPLY IF A SELF-LOCKING COUPLING NUT IS USED.

DRAWN	K.WINCZURA	DATE	15/12/2014	 3RD ANGLE PROJECTION NOT TO SCALE UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS IN MILLIMETRES GENERAL TOL LINEAR +/-0.25MM ANGULAR +/- 1°	TITLE:	TINEL LOCK BACKSHELL					 Polamco 
CHECKED		15/12/2014									
APPROVED	K.SHEPPARD	16/12/2014									
APPROVED	H.SMITH	01/10/2015									
REVISIONS					ASSY USED ON:	MIL-DTL-28840					
LTR	DESCRIPTION		DATE	APPROVED							
F	REVISED PER ECO-15-002400		18/02/2015	H.SMITH							
G	REVISED PER ECO-15-013980		01/10/2015	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			
						TXR30	G	1			

IF MAX ENTRY IS EXCEEDED BACKSHELL
WILL BE SUPPLIED AS TYPE 2



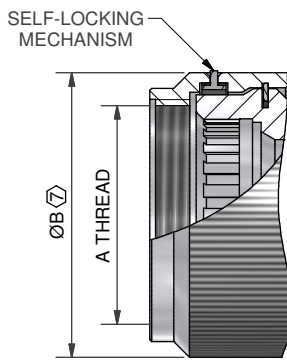
DRAWN	K.WINCZURA	DATE	15/12/2014
CHECKED		DATE	15/12/2014
APPROVED	K.SHEPPARD	DATE	16/12/2014
APPROVED	H.SMITH	DATE	01/10/2015
REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED
F	REVISED PER ECO-15-002400	18/02/2015	H.SMITH
G	REVISED PER ECO-15-013980	01/10/2015	H.SMITH
TE CAGE CODE: 06090 POLAMCO/TE CAGE CODE: U5792			

TITLE:		TINEL LOCK BACKSHELL	
ASSY USED ON:		MIL-DTL-28840	
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: TXB30	DRAWING G

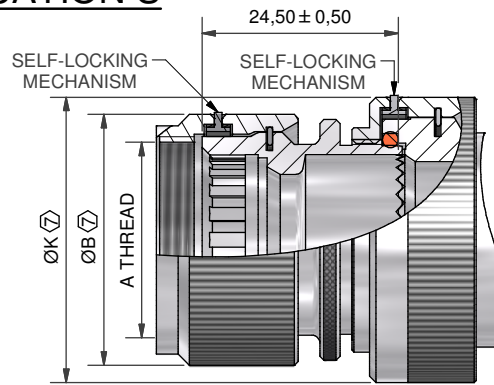

Polamco

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MODIFICATION S



BACKSHELL - TYPE 1



BACKSHELL - TYPE 2

TABLE 1

ORDER NUMBER	SHELL SIZE 6 COM'L / MIL	A THREAD	ØB MAX	MAX ENTRY	C ±0,5	D ±0,5	W ±0,5	T ±0,5	E ±0,5	THESE DIMENSIONS APPLY IF BACKSHELL IS STAINLESS STEEL OR NICKEL ALUMINIUM BRONZE		
										W ±0,5	T ±0,5	E ±0,5
10	11 / A	3/4 - 20UNEF	26,5	05	19,7	27,5	31,2	22,4	27,95	29,6	22,4	28,2
12	13 / B	7/8 - 20UNEF	29,7	08	20,8	28,0	34,3	23,3	29,45	32,3	23,3	29,7
14	15 / C	1 - 20UNEF	31,3	10	21,5	29,0	36,7	24,2	31,00	34,4	24,2	31,2
16	17 / D	1 1/8 - 18 UNEF	35,5	12	21,5	29,7	39,5	26,2	32,70	37,7	26,2	32,9
18	19 / E	1 1/4 - 18UNEF	38,7	14	22,0	30,5	42,8	25,3	34,25	38,6	25,3	34,5
22	23 / F	1 7/16 -18UNEF	43,6	16	22,6	31,1	48,2	28,2	37,40	44,4	28,2	37,6
24	25 / G	1 9/16 -18UNEF	47,2	18	23,6	32,1	51,0	31,5	38,90	48,9	31,5	39,1
28	29 / H	1 7/8 - 16UN	55,2	22	25,7	35,3	60,3	37,0	45,30	57,0	37,0	45,3
32	33 / J	2 1/16 -16UN	60,5	24	26,7	38,1	63,4	38,5	47,80	60,5	38,5	47,8

TABLE 2

ENTRY SIZE	ØZ MIN	ØS	ØY ± 0,3	ØK MAX	ØK MAX Ø	F ±0,5	G ±0,5	H ±0,5	M ±0,5	J ±0,5	THESE DIMENSIONS APPLY IF BACKSHELL IS STAINLESS STEEL OR NICKEL ALUMINIUM BRONZE		
											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	NA
05	7,92	11,06 +/-0,04	15,50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
06	9,53	12,66 +/-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 +/-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 +/-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 +/-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 +/-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 +/-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 +/-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 +/-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 +/-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 +/-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 +/-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	15/12/2014	3RD ANGLE PROJECTION NOT TO SCALE UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS IN MILLIMETRES GENERAL TOL LINEAR +/-0,25MM ANGULAR +/- 1°	TITLE:	TINEL LOCK BACKSHELL			Polamco TE connectivity			
CHECKED		DATE	15/12/2014		ASSY USED ON:					MIL-DTL-28840		
APPROVED	K.SHEPPARD	DATE	16/12/2014									
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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: TXR30	DRAWING REV: G	SHT 3