



CODE 40 - TINEL-LOCK BACKSHELL

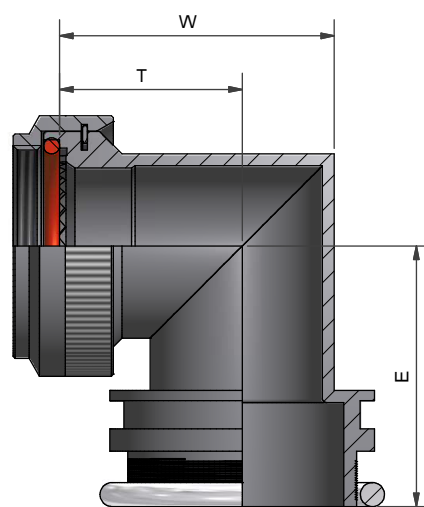
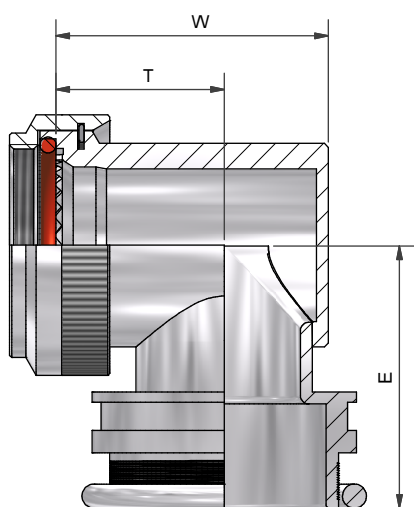
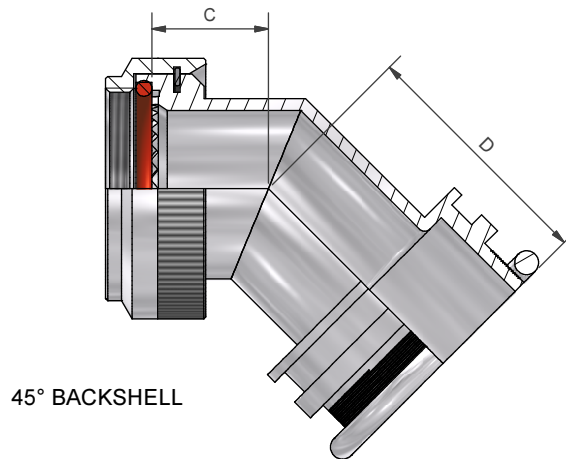
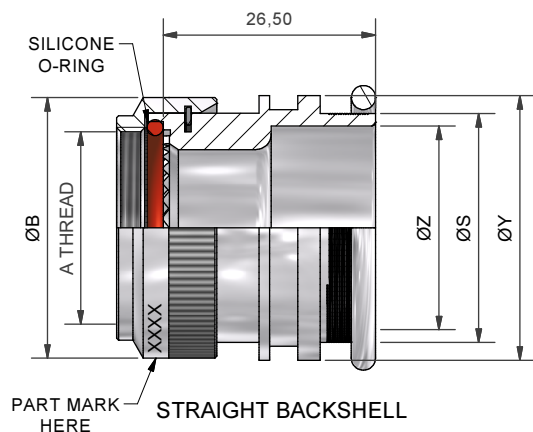
STXR40AB00-1616AI-S

SERIES	_____
STXR: RING INCLUDED (SEE RING OPTION)	_____
STX: 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 STX, LEAVE BLANK	
MODIFICATION CODE	_____
REFER TO CH00-0250-008	②

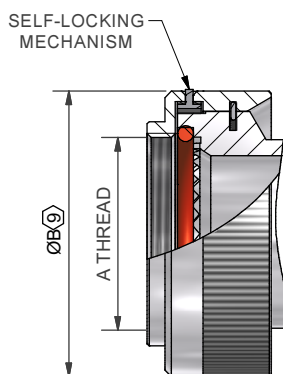
NOTES:

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-STXR40AB00-2018). RING SHALL BEAR NO MARKING.
- ⑤ TINEL-LOCK RING ENTRY SIZE AND BRAID DESIGNATOR IS TO BE SPECIFIED IN PART NUMBER WHEN ORDERING.
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 PREFIX 'S' DENOTES THAT THE ADAPTER HAS A LARGER ENTRY THAN THE STANDARD TXR BUT IS STILL OF THE TYPE 1 DESIGN.
- ⑧ SEE SHEET 3 FOR TABLE OF ENTRY SIZE APPLICABLE TO THE STXR RANGE. FOR ENTRY SIZE LARGER THAN MAX INDICATED, CONTACT TE. MAX ENTRY ONLY APPLIES TO ANGLES 45 & 90.
- ⑨ THESE DIMENSIONS APPLY IF A SELF-LOCKING COUPLING NUT IS USED.

DRAWN	K.WINCZURA	DATE	20/01/2015	 3RD ANGLE PROJECTION NOT TO SCALE	TITLE: TINEL-LOCK BACKSHELL		 Polamco			
CHECKED		DATE	20/01/2015							
APPROVED	K.SHEPPARD	DATE	29/01/2015		ASSY USED ON: MIL-DTL-38999 SERIES III & IV					
APPROVED	H.SMITH	DATE	10/08/2015							
REVISIONS				UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS IN MILLIMETRES GENERAL TOL LINEAR +/-0.25MM ANGULAR +/- 1°	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: STXR40	DRAWING REV: E	SHT 1	
LTR	DESCRIPTION		DATE							APPROVED
D	REVISED PER ECO-15-002339		18/02/2015							H.SMITH
E	REVISED PER ECO-15-010970		10/08/2015							H.SMITH
TE CAGE CODE: 06090 POLAMCO/TE CAGE CODE: U5792										



MODIFICATION S



DRAWN	K.WINCZURA	DATE	20/01/2015
CHECKED		DATE	20/01/2015
APPROVED	K.SHEPPARD	DATE	29/01/2015
APPROVED	H.SMITH	DATE	10/08/2015
REVISIONS			
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TE CAGE CODE: 06090 POLAMCO/TE CAGE CODE: U5792			



3RD ANGLE
PROJECTION
NOT TO
SCALE

UNLESS OTHERWISE SPECIFIED
ALL DIMENSIONS IN MILLIMETRES
GENERAL TOL
LINEAR $\pm 0.25\text{MM}$
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:
STXR40




DRAWING REV:
E

SHT
2



TABLE 1												THESE DIMENSIONS APPLY IF BACKSHELL IS STAINLESS STEEL OR NICKEL ALUMINIUM BRONZE		
ORDER NUMBER	SHELL SIZE COM / MIL	A THREAD	ØB MAX	ØB(9) MAX	ENTRY SIZE		C ±0,5	D ±0,5	W ±0,5	T ±0,5	E ±0,5	W ±0,5	T ±0,5	E ±0,5
					MIN	MAX(8)								
08	9 / A	M12 × 1.0	18,0	21,5	05	06	12,0	26,8	21,0	14,0	26,20	21,2	16,3	26,4
10	11 / B	M15 × 1.0	21,0	24,6	08	10	12,5	27,5	24,0	15,5	27,95	24,3	17,2	28,2
12	13 / C	M18 × 1.0	24,5	28,3	10	12	13,1	28,0	27,0	17,0	29,45	28,3	19,4	29,7
14	15 / D	M22 × 1.0	29,0	32,4	12	16	13,5	29,0	31,0	19,5	31,00	31,1	21,0	31,2
16	17 / E	M25 × 1.0	32,5	35,6	14	18	14,5	29,7	34,0	21,0	32,70	34,2	22,8	32,9
18	19 / F	M28 × 1.0	35,5	38,5	16	20	15,5	30,5	35,0	20,0	34,25	38,5	25,3	34,5
20	21 / G	M31 × 1.0	37,0	41,7	18	22	16,1	30,9	38,0	21,5	35,80	40,7	26,1	36,1
22	23 / H	M34 × 1.0	40,0	43,9	20	24	16,5	31,1	42,0	24,0	37,40	43,7	27,6	37,6
24	25 / J	M37 × 1.0	43,5	47,0	22	24	17,0	32,1	45,0	25,5	38,90	46,4	29,1	39,1

TABLE 2			
ENTRY SIZE	ØZ MIN	ØS	ØY ±03
05	7,92	11,06 +/-0,04	15,50
06	9,53	12,66 +/-0,04	17,10
07	11,10	14,21 +/-0,07	18,70
08	12,70	15,81 +/-0,07	20,30
10	15,88	18,96 +/-0,08	23,50
12	19,05	22,14 +/-0,08	26,70
14	22,23	25,30 +/-0,08	29,80
16	25,40	28,48 +/-0,08	33,00
18	28,58	31,65 +/-0,08	36,20
20	31,75	34,83 +/-0,08	39,40
22	34,93	37,98 +/-0,08	42,50
24	38,10	41,15 +/-0,08	45,70

DRAWN	K.WINCZURA	DATE 20/01/2015	 3RD ANGLE PROJECTION NOT TO SCALE	TITLE: TINEL-LOCK BACKSHELL					 Polamco 		
CHECKED		20/01/2015									
APPROVED	K.SHEPPARD	29/01/2015		UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS IN MILLIMETRES GENERAL TOL LINEAR +/-0,25MM ANGULAR +/- 1°							
APPROVED	H.SMITH	10/08/2015	ASSY USED ON: MIL-DTL-38999 SERIES III & IV								
REVISIONS											
LTR	DESCRIPTION	DATE	APPROVED	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: STXR40	DRAWING REV: E	SHT 3
D	REVISED PER ECO-15-002339	18/02/2015	H.SMITH								
E	REVISED PER ECO-15-010970	10/08/2015	H.SMITH								
TE CAGE CODE: 06090 POLAMCO/TE CAGE CODE: U5792											

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