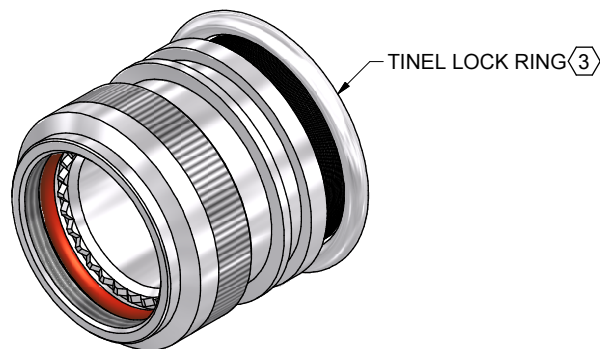




CODE 40 - TINEL-LOCK BACKSHELL

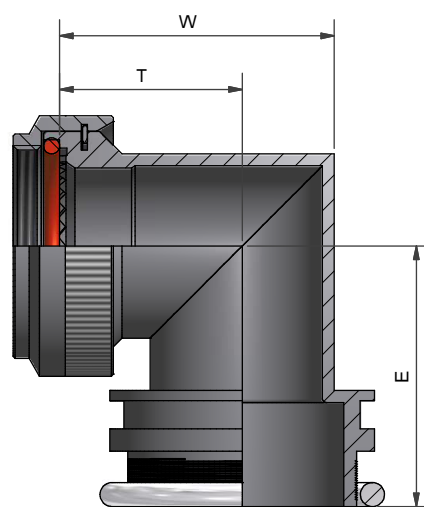
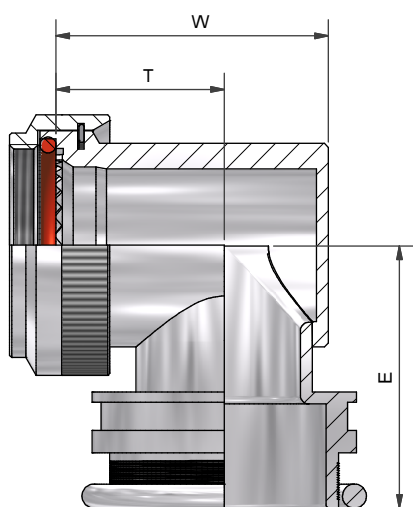
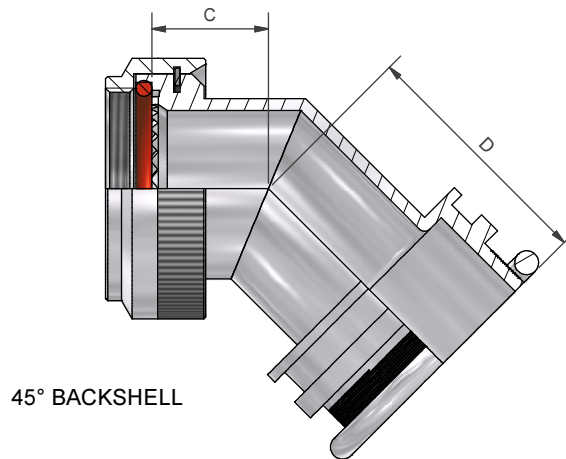
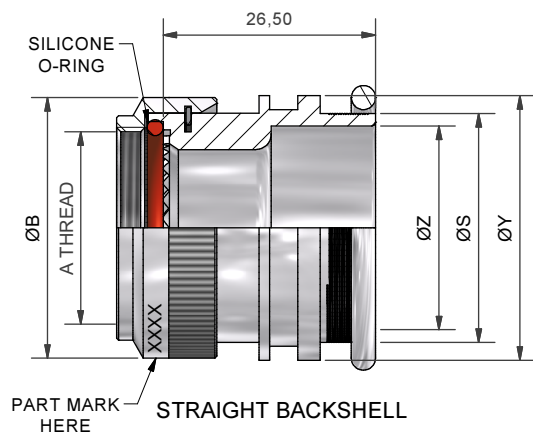
	STXR40AB00-1616AI-S
SERIES	
STXR: RING INCLUDED (SEE RING OPTION)	
STX: RING NOT INCLUDED	
CONNECTOR INTERFACE	
MATERIAL	
REFER TO CH00-0250-008	
FINISH	
REFER TO CH00-0250-008	
ANGLE	
ORDER NUMBER (TABLE 1)	
ENTRY SIZE (TABLE 2)	
RING OPTION	
AI - TO SUIT SINGLE BRAID	
BI - TO SUIT DOUBLE BRAID	
FOR STX, LEAVE BLANK	
MODIFICATION CODE	
REFER TO CH00-0250-008 (2)	

NOTES:

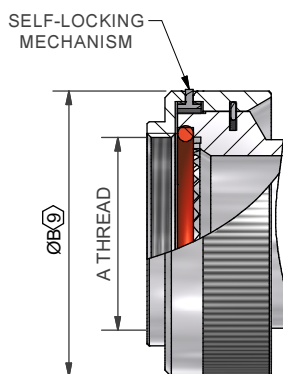
- THIS PRODUCT IS DESIGNED TO TERMINATE A BRAIDED CABLE SHIELD AND A HEAT SHRINKABLE LIPPED BOOT TO A CONNECTOR.
- FOR ADDITIONAL DIMENSIONS, ORDERING INFORMATION AND MODIFICATIONS, SEE CH00-0250-008.
- SEE DRAWING TR FOR DETAIL ON TINEL-LOCK RING, RINGS ARE DESIGNED TO BE HEATED ELECTRICALLY, ALL RINGS ARE MARKED WITH THERMOCHROMIC PAINT WHICH CHANGES COLOUR WHEN INSTALLATION TEMPERATURE IS REACHED.
- 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.
- TINEL-LOCK RING ENTRY SIZE AND BRAID DESIGNATOR IS TO BE SPECIFIED IN PART NUMBER WHEN ORDERING.
- 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.
- PREFIX 'S' DENOTES THAT THE ADAPTER HAS A LARGER ENTRY THAN THE STANDARD TXR BUT IS STILL OF THE TYPE 1 DESIGN.
- 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.
- THESE DIMENSIONS APPLY IF A SELF-LOCKING COUPLING NUT IS USED.

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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°		ASSY USED ON: MIL-DTL-38999 SERIES III & IV			
APPROVED	H.SMITH	10/08/2015						
REVISIONS					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



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APPROVED	K.SHEPPARD	DATE	29/01/2015
APPROVED	H.SMITH	DATE	10/08/2015
REVISIONS			
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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			



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
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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	ØB⑨ 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	MAX⑧								
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

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CHECKED		20/01/2015										
APPROVED	K.SHEPPARD	29/01/2015			ASSY USED ON: MIL-DTL-38999 SERIES III & IV							
APPROVED	H.SMITH	10/08/2015										
REVISIONS					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
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								

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