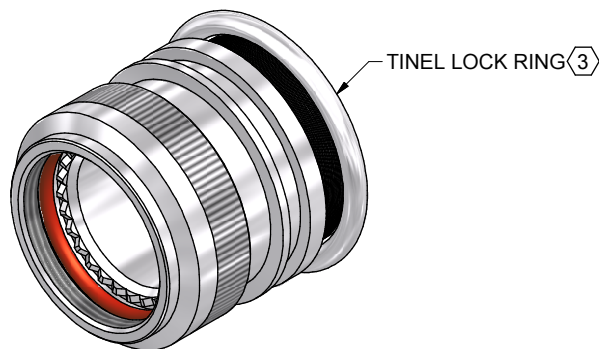




CODE 40 - TINEL-LOCK BACKSHELL

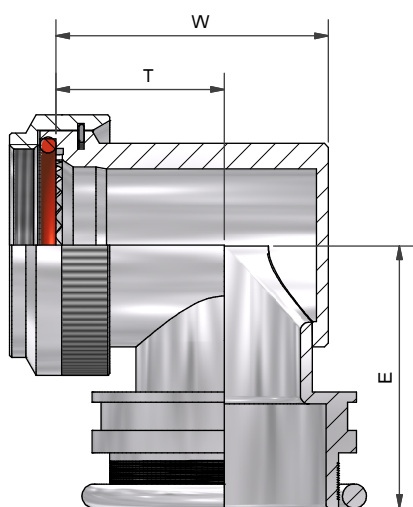
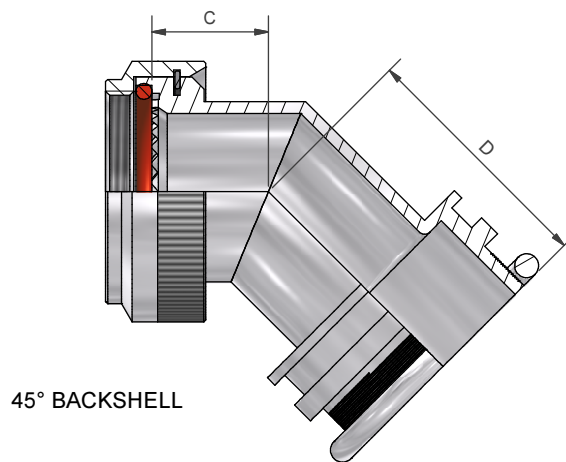
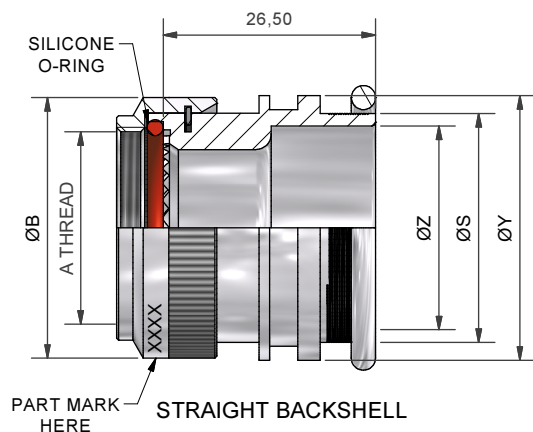
	STXR40AB00-1616AI-S
SERIES	
STXR: RING INCLUDED (SEE RING OPTION)	
STX: RING NOT INCLUDED	
CONNECTOR INTERFACE	
MATERIAL	
REFER TO CH00-0250-008	
FINISH	
REFER TO CH00-0250-008	
ANGLE	
ORDER NUMBER (TABLE 1)	
ENTRY SIZE (TABLE 2)	
RING OPTION	
AI - TO SUIT SINGLE BRAID	
BI - TO SUIT DOUBLE BRAID	
FOR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

NOTES:

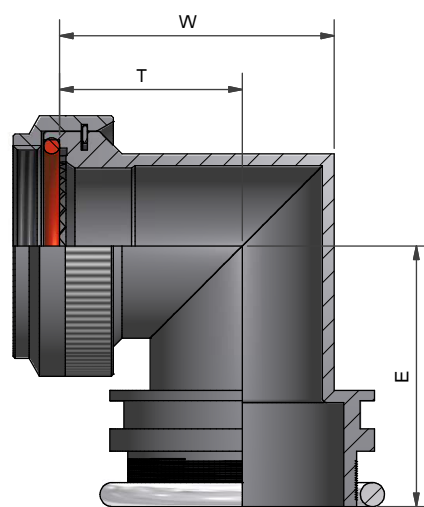
- THIS PRODUCT IS DESIGNED TO TERMINATE A BRAIDED CABLE SHIELD AND A HEAT SHRINKABLE LIPPED BOOT TO A CONNECTOR.
- FOR ADDITIONAL DIMENSIONS, ORDERING INFORMATION AND MODIFICATIONS, SEE CH00-0250-008.
- SEE DRAWING TR FOR DETAIL ON TINEL-LOCK RING, RINGS ARE DESIGNED TO BE HEATED ELECTRICALLY, ALL RINGS 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						
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				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	

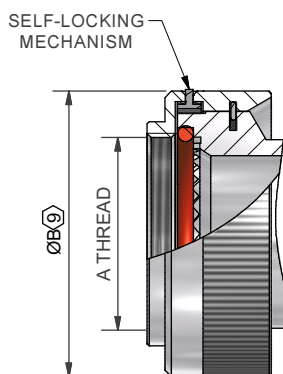


90° BACKSHELL



90° BACKSHELL
STAINLESS STEEL AND
NICKEL ALUMINIUM BRONZE

MODIFICATION S



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DRAWN	K.WINCZURA	DATE 20/01/2015	 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		20/01/2015						
APPROVED	K.SHEPPARD	29/01/2015						
APPROVED	H.SMITH	10/08/2015						
REVISIONS				ASSY USED ON: MIL-DTL-38999 SERIES III & IV				
LTR	DESCRIPTION	DATE	APPROVED					
D	REVISED PER ECO-15-002339	18/02/2015	H.SMITH					
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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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DRAWN	K.WINCZURA	DATE	20/01/2015	 3RD ANGLE PROJECTION NOT TO SCALE	TITLE:				 Polamco 	
CHECKED		20/01/2015	TINEL-LOCK BACKSHELL							
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:							
REVISIONS							MIL-DTL-38999 SERIES III & IV			
LTR	DESCRIPTION	DATE	APPROVED							
D	REVISED PER ECO-15-002339	18/02/2015	H.SMITH							
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