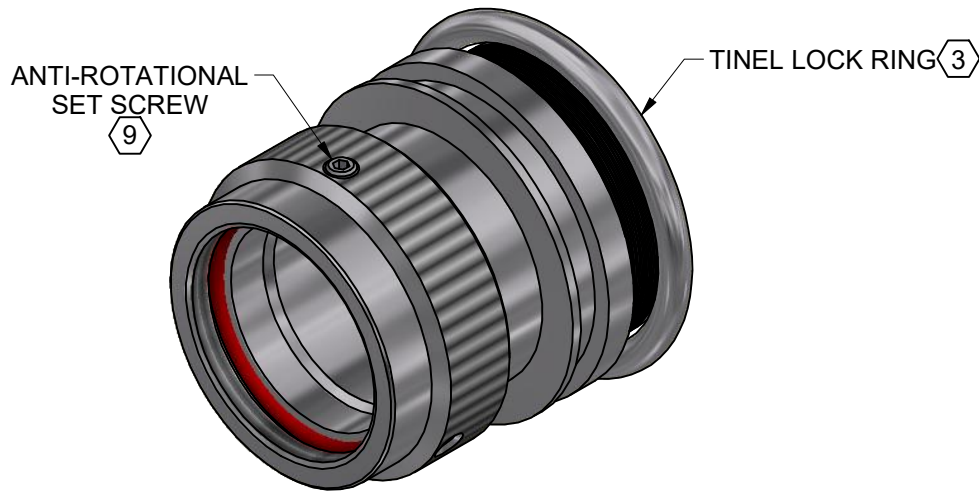




CODE 21 - TINEL-LOCK BACKSHELL

STXR21AB00-1616AI-

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

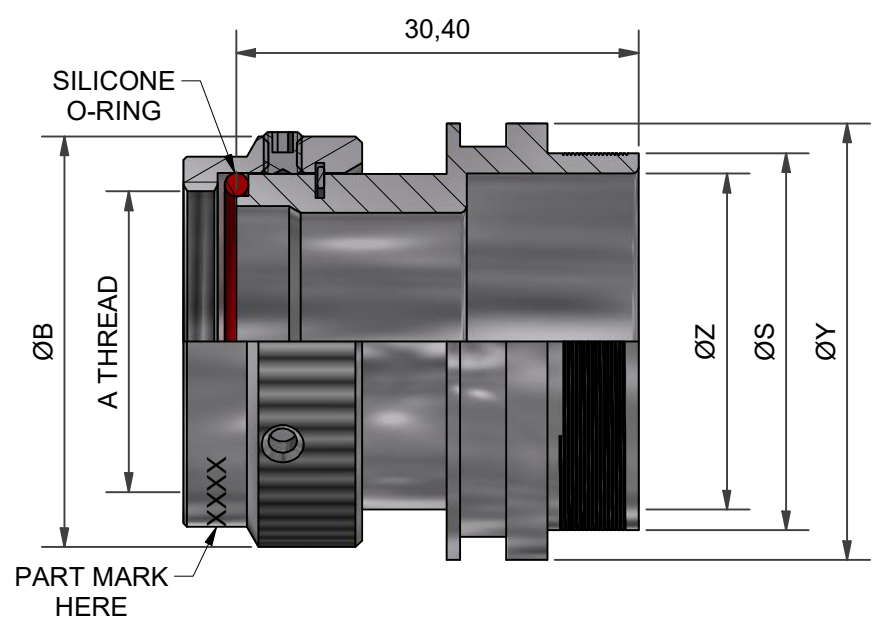
MODIFICATION CODE

REFER TO CH00-0250-008 2

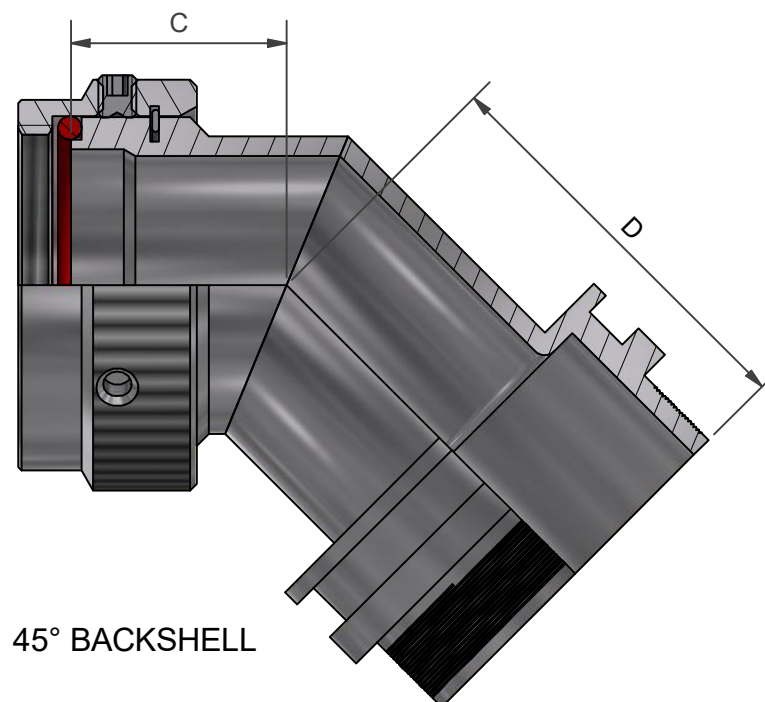
NOTES:

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-STXR21AB00-1412). 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-26482 SERIES I, MS3110, MS3116, MS3120, MS3126 CLASS E AND F CONNECTORS.
- 7 PREFIX 'S' DENOTES THAT THE BACKSHELL 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 ANTI-ROTATIONAL SET SCREW, 3 THREADED HOLES 120° ± 5° APART, SINGLE MATING SET SCREW SUPPLIED.

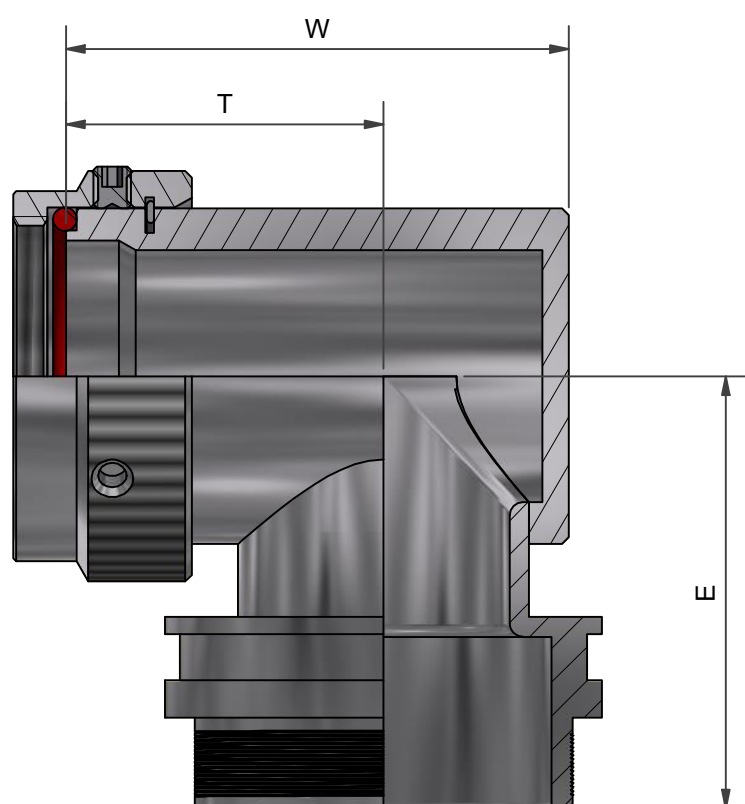
DRAWN	B.VESA	DATE 27/10/2015	3RD ANGLE PROJECTION NOT TO SCALE UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS IN MILLIMETRES GENERAL TOL LINEAR +/-0,25MM ANGULAR +/- 1°	TITLE: TINEL-LOCK BACKSHELL		ASSY USED ON: MIL-DTL-26482 SERIES I		 Polamco 					
CHECKED		27/10/2015											
APPROVED	K.SHEPPARD	28/10/2015											
APPROVED	H.SMITH	16/11/2015											
REVISIONS													
LTR	DESCRIPTION		DATE	APPROVED									
A	REVISED PER ECO-14-010308		07/07/14	I.MYONG									
B	REVISED PER ECO-15-016466		16/11/2015	H.SMITH									
C	ECR 8177		09/04/21	M.PAUL									
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: STXR21	DRAWING REV: B	SHT 1				



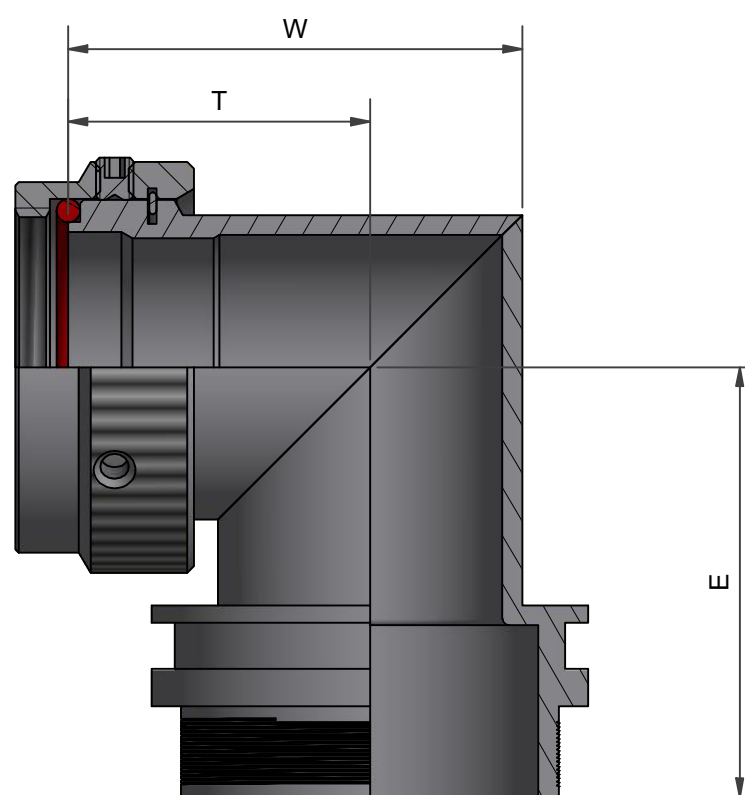
STRAIGHT BACKSHELL



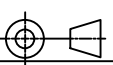
45° BACKSHELL



90° BACKSHELL



90° BACKSHELL
STAINLESS STEEL AND
NICKEL ALUMINIUM BRONZE

DRAWN	B.VESA	DATE 27/10/2015	 3RD ANGLE PROJECTION NOT TO SCALE UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS IN MILLIMETRES GENERAL TOL LINEAR +/-0,25MM ANGULAR +/- 1°
CHECKED		27/10/2015	
APPROVED	K.SHEPPARD	28/10/2015	
APPROVED	H.SMITH	16/11/2015	

REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED
A	REVISED PER ECO-14-010308	07/07/14	I.MYONG
B	REVISED PER ECO-15-016466	16/11/2015	H.SMITH
C	ECR 8177	09/04/21	M.PAUL

TE CAGE CODE: 06090
POLAMCO/TE CAGE CODE: U5792

TITLE:

TINEL-LOCK BACKSHELL

ASSY USED ON:

MIL-DTL-26482 SERIES I

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:
STXR21

DRAWING REV:
B

SHT
2



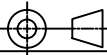
TABLE 1

ORDER NUMBER	SHELL SIZE	A THREAD	ØB 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								
08	8	7/16-28UNEF	18,05	05	06	13,9	26,8	25,0	17,5	26,20	22,5	17,5	26,4
10	10	9/16-24UNEF	21,55	07	10	14,7	27,5	28,0	18,6	27,95	25,8	18,6	28,2
12	12	11/16-24UNEF	24,65	10	12	15,1	28,0	31,5	20,5	29,45	29,5	20,5	29,7
14	14	13/16-20UNEF	27,65	12	16	16,0	29,0	35,0	22,5	31,00	32,7	22,5	31,2
16	16	15/16-20UNEF	31,05	14	18	16,3	29,7	38,0	24,0	32,70	35,5	24,0	32,9
18	18	1 1/16-18UNEF	34,35	14	20	17,3	30,5	41,5	26,0	34,25	39,3	26,0	34,5
20	20	1 3/16-18UNEF	37,55	16	22	18,1	30,9	45,0	28,0	35,80	42,7	28,0	36,1
22	22	1 5/16-18UNEF	40,55	18	24	18,5	31,1	48,0	29,5	37,40	45,7	29,5	37,6
24	24	1 7/16-18UNEF	43,55	20	24	19,3	32,1	51,0	31,0	38,90	48,4	31,0	39,1

THESE DIMENSIONS APPLY IF
BACKSHELL IS STAINLESS STEEL
OR NICKEL ALUMINIUM BRONZE

TABLE 2

ENTRY SIZE	ØZ MIN	ØS	ØY ±0.3
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	B.VESA	DATE 27/10/2015	 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		27/10/2015					ASSY USED ON: MIL-DTL-26482 SERIES I	
APPROVED	K.SHEPPARD	28/10/2015						
APPROVED	H.SMITH	16/11/2015						
REVISIONS								
LTR	DESCRIPTION		DATE	APPROVED				
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