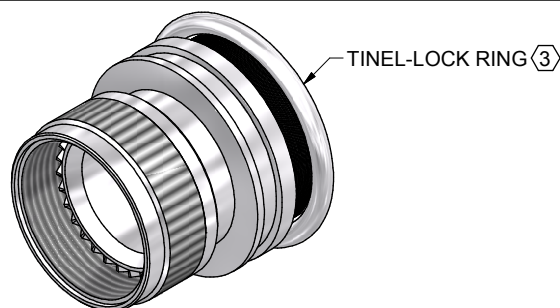




CODE 54 - TINEL-LOCK BACKSHELL

STXR54AB00-1616AI-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

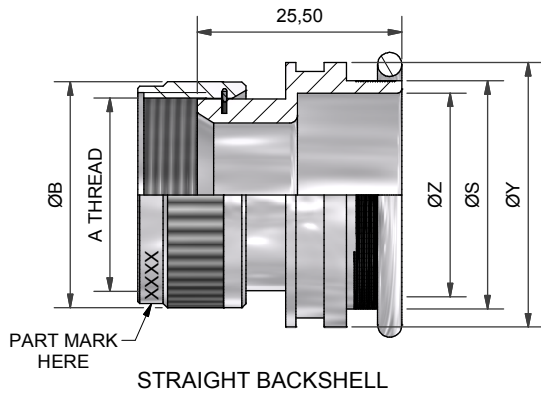
NOTES:

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-STXR54AB00-2018). 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-C-81703, SERIES III, MS3424, MS3446, MS3464, MS3467, MS3468.
7. BACKSHELL MATES TO MIL-C-5015G, MS3400 SERIES, CLASS D, E, K, L, U & W, MS3400, MS3401, MS3404, MS3406, MS3424, MS3446, MS3464, MS3467, MS3468, MS3450, MS3451, MS3454, MS3456, MS3470, MS3471, MS3472, MS3474, MS3475, MS3476. MIL-C-83723, SERIES II, CLASS A & L. MIL-C-83723, SERIES I & II, CLASS A, G, K, R & S: M83723/1, /2, /3, /4, /5, /6, /7, /8, /13, /14, /36, /37, /38, /39, /40, /41, /42, /43, /48, /49, /65, /66, /67, /68, /69, /70, /71, /72, /73, /74, /75, /76, /77, /78, /82, /83, /84, /85, /86, /87, /91, /92, /95, /97, /98, (MS3155 CONTROLLED INTERFACE).
- ⑧ PREFIX 'S' DENOTES THAT THE BACKSHELL HAS A LARGER ENTRY THAN THE STANDARD TXR BUT IS STILL OF THE TYPE 1 DESIGN.
- ⑨ 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.
- ⑩ THESE DIMENSIONS APPLY IF A SELF-LOCKING COUPLING NUT IS USED.

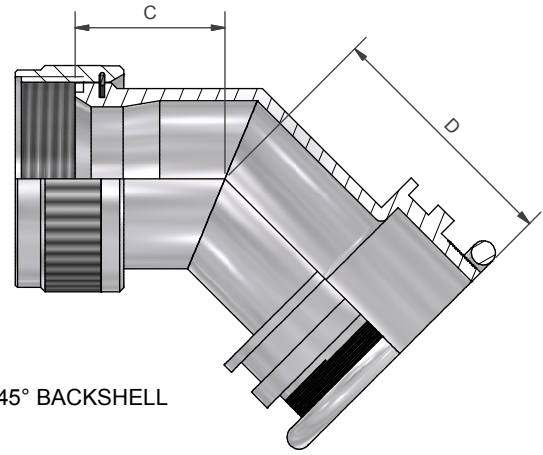
DRAWN	K.WINCZURA	DATE	20/01/2015	 3RD ANGLE PROJECTION NOT TO SCALE UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS IN MILLIMETRES GENERAL TOL LINEAR +/-0.25MM ANGULAR +/- 1°	TITLE: TINEL LOCK BACKSHELL			 Polamco		
CHECKED		20/01/2015								
APPROVED	K.SHEPPARD	29/01/2015								
APPROVED	H.SMITH	05/10/2015								
REVISIONS					ASSY USED ON: MIL-DTL-26482 SERIES II / MIL-DTL-83723 SERIES I & III			 TE connectivity		
LTR	DESCRIPTION		DATE	APPROVED						
B	REVISED PER ECO-15-002403		19.02.15	H.SMITH						
C	REVISED PER ECO-15-013980		05.10.15	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: STXR54	DRAWING REV: C	SHT 1



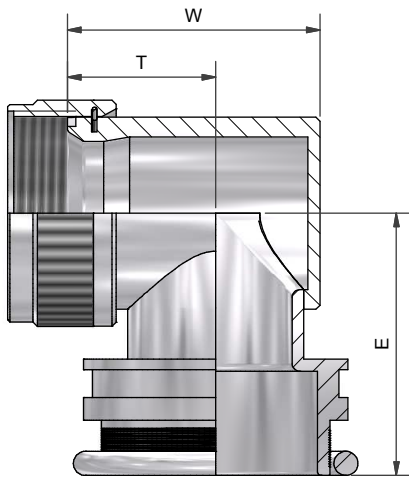
STAINLESS
STEEL
TEETH VIEW



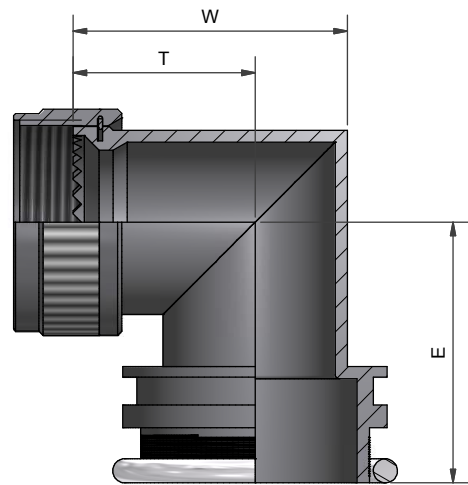
STRAIGHT BACKSHELL



45° BACKSHELL

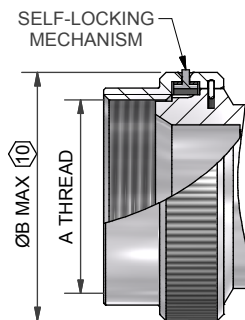


90° BACKSHELL



90° BACKSHELL
STAINLESS STEEL AND
NICKEL ALUMINIUM BRONZE

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	05/10/2015
REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED
B	REVISED PER ECO-15-002403	19.02.15	H.SMITH
C	REVISED PER ECO-15-013980	05.10.15	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 +/-0.25MM
ANGULAR +/- 1°

TITLE:

TINEL LOCK BACKSHELL

ASSY USED ON:

MIL-DTL-26482 SERIES II / MIL-DTL-83723 SERIES I & III

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:
STXR54

DRAWING REV:
C

SHT
2



Polamco



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

TABLE 1

ORDER NUMBER	SHELL SIZE		A THREAD	ØB MAX	ØB MAX (10)	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
	(6)	(7)				MIN	MAX (9)								
03	3		9/16-24 UNEF	17,0	19,4	05	06	16,8	27,0	26,4	17,8	25,9	26,3	16,0	25,9
08		8 & 8S	1/2-20 UNF	15,6	18,0	05	06	16,6	26,8	24,5	17,5	26,2	22,4	17,5	26,2
10		10, 10S & 10SL	5/8-24 UNEF	18,6	21,0	08	10	16,8	27,5	26,5	17,8	28,0	25,0	18,8	28,0
12	7	12 & 12S	3/4-20 UNEF	21,7	25,0	10	12	17,3	28,0	29,0	18,7	29,5	28,3	20,4	29,5
14	12	14 & 14S	7/8-20 UNEF	24,9	28,0	10	12	18,1	29,0	30,5	19,0	31,0	30,4	21,5	31,0
16	19	16 & 16S	1-20 UNEF	28,2	31,0	12	16	19,0	29,7	34,0	21,0	32,7	33,5	23,0	32,7
18	27	18	1 1/16-18 UNEF	30,9	34,0	14	18	19,2	30,5	37,0	23,5	32,7	35,5	24,0	32,7
20	37	20	1 3/16-18 UNEF	34,1	36,5	16	20	20,1	30,9	42,0	27,0	34,3	38,8	25,7	34,3
22		22	1 5/16-18 UNEF	37,3	39,8	18	22	20,3	31,1	44,0	27,0	35,8	41,9	27,2	35,8
24		24	1 7/16-18 UNEF	40,4	42,0	20	24	21,8	32,1	45,0	27,0	37,4	44,8	28,7	37,4
28		28	1 3/4-18UNS	50,0	49,8	24	24	23,3	32,5	54,2	31,4	41,9	50,7	31,6	41,9
61		61	1 1/2-18 UNEF	42,0	43,6	20	24	22,1	26,6	47,8	28,0	38,7	48,3	27,0	38,7

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	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				
APPROVED	H.SMITH	DATE	05/10/2015				
REVISIONS				ASSY USED ON: MIL-DTL-26482 SERIES II / MIL-DTL-83723 SERIES I & III	DRAWING NO: STXR54	DRAWING REV: C	SHT 3
LTR	DESCRIPTION	DATE	APPROVED				
B	REVISED PER ECO-15-002403	19.02.15	H.SMITH				
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