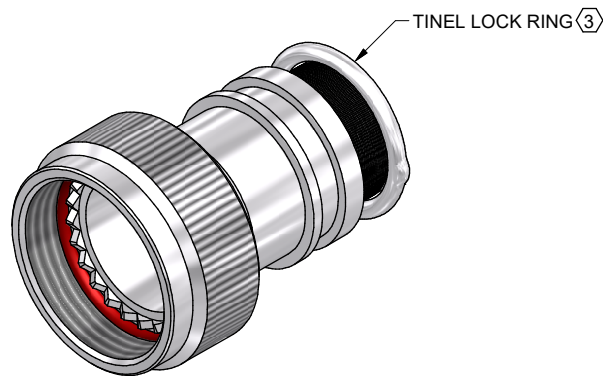




CODE 78 - TINEL-LOCK BACKSHELL

TXR78AB00-1608AI-

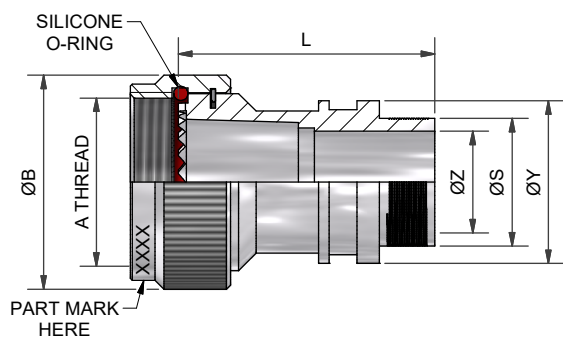
SERIES _____
 TXR: RING INCLUDED
 (SEE RING OPTION)
 TX: RING NOT INCLUDED
 CONNECTOR INTERFACE _____
 MATERIAL _____
 REFER TO CH00-0250-008
 FINISH _____
 REFER TO CH00-0250-008
 ANGLE _____
 DASH NUMBER (TABLE 1) _____
 ENTRY SIZE (TABLE 2) _____
 RING OPTION _____
 AI - TO SUIT SINGLE BRAID
 BI - TO SUIT DOUBLE BRAID
 FOR TX, LEAVE BLANK
 MODIFICATION CODE _____
 SEE CH00-0250-008 FOR OPTIONS ②

NOTES:

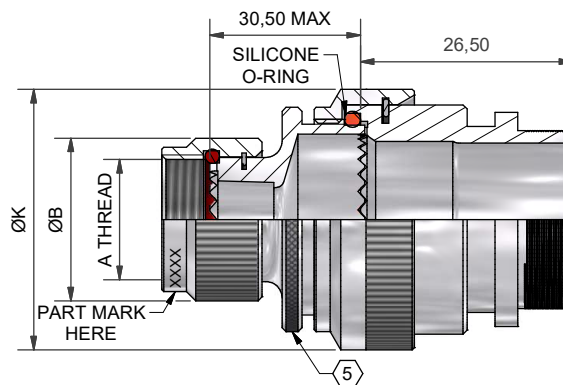
1. THIS PRODUCT IS DESIGNED TO TERMINATE A BRAIDED CABLE SHIELD AND A HEAT SHRINKABLE LIPPED BOOT TO A CONNECTOR.
- ② FOR ADDITIONAL DIMENSIONS, ORDERING INFORMATION AND MODIFICATIONS, SEE CH00-0250-008.
- ③ SEE DRAWING TR FOR DETAIL ON TINEL-LOCK RING, RINGS ARE DESIGNED TO BE HEATED ELECTRICALLY, ALL 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-TXR78AB00-1810). RING SHALL BEAR NO MARKING.
- ⑤ WHEN ENTRY SIZE EXCEEDS "MAX ENTRY", A 2 PIECE ADAPTER (TYPE II) IS SUPPLIED.
6. BACKSHELL MATES TO BS9522 F0032 (PATT121B) CONNECTORS; ONLY MANUFACTURED BY AB CONNECTORS LTD. SEALING IS ONLY ACHIEVED WHEN USING GROMMETS ABB-***-GAC-***, SUPPLIED BY AB CONNECTORS

DRAWN	K.WINCZURA	DATE	05/05/2015	 3RD ANGLE PROJECTION NOT TO SCALE	TITLE: TINEL-LOCK BACKSHELL			 Polamco 		
CHECKED		05/05/2015								
APPROVED	K.SHEPPARD	23/06/2015	UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS IN MILLIMETRES GENERAL TOL LINEAR +/-0.25MM ANGULAR +/- 1°		ASSY USED ON: BS9522 F0032 (PATT121B) CONNECTORS					
APPROVED	H.SMITH	21/10/2015								
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: TXR78		DRAWING REV: E	SHT 1
LTR	DESCRIPTION	DATE	APPROVED							
D	REVISED PER ECO-15-013162	14/09/2015	H.SMITH							
E	REVISED PER ECO-15-015098	21/10/2015	H.SMITH							
TE CAGE CODE: 06090 POLAMCO/TE CAGE CODE: U15792										

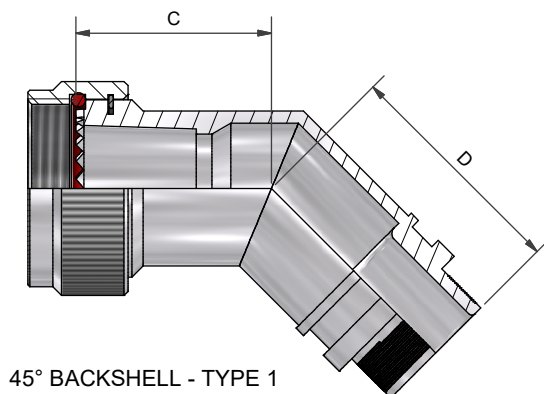
IF MAX ENTRY IS EXCEEDED BACKSHELL
WILL BE SUPPLIED AS TYPE 2



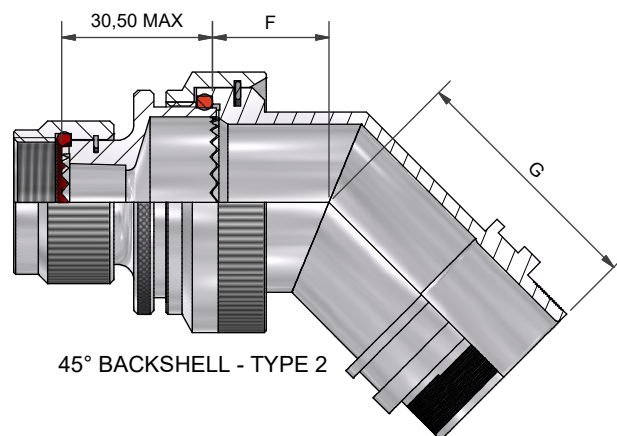
STRAIGHT BACKSHELL - TYPE 1



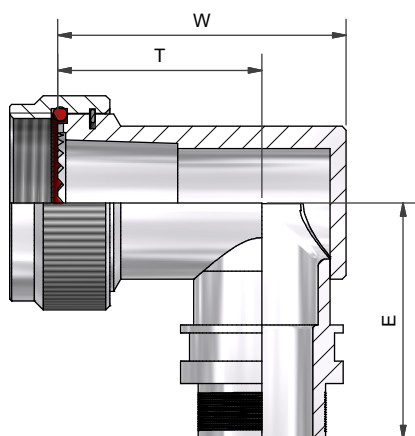
STRAIGHT BACKSHELL - TYPE 2



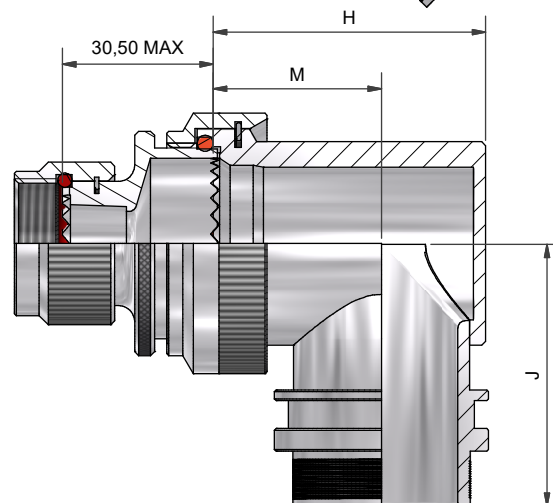
45° BACKSHELL - TYPE 1



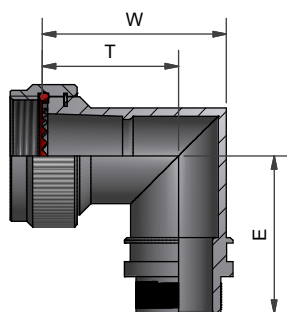
45° BACKSHELL - TYPE 2



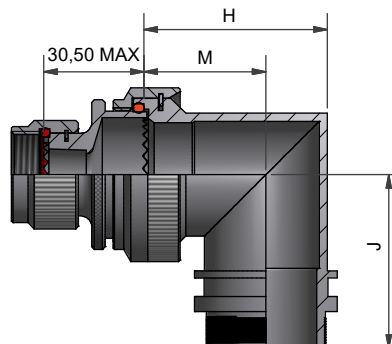
90° BACKSHELL - TYPE 1



90° BACKSHELL - TYPE 2



90° BACKSHELL - TYPE 1
STAINLESS STEEL AND
NICKEL ALUMINIUM BRONZE



90° BACKSHELL - TYPE 2
STAINLESS STEEL AND
NICKEL ALUMINIUM BRONZE

DRAWN	K.WINCZURA	DATE	05/05/2015
CHECKED		DATE	05/05/2015
APPROVED	K.SHEPPARD	DATE	23/06/2015
APPROVED	H.SMITH	DATE	21/10/2015
REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED
D	REVISED PER ECO-15-013162	14/09/2015	H.SMITH
E	REVISED PER ECO-15-015098	21/10/2015	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 +/-0,25MM
ANGULAR +/- 1°

TITLE:

TINEL-LOCK BACKSHELL

ASSY USED ON:

BS9522 F0032 (PATT121B) CONNECTORS

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:
TXR78

DRAWING REV:
E

SHT
2



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TABLE 1

ORDER NUMBER	SHELL SIZE	A THREAD	ØB MAX	MAX ENTRY	C ±0,5	D ±0,5	W ±0,5	T ±0,5	E ±0,5	THESE DIMENSIONS APPLY IF BACKSHELL IS STAINLESS STEEL OR NICKEL ALUMINIUM BRONZE			
										W MAX	T ±0,5	E ±0,5	L MAX
12	10SL & 12S	5/8-24UNEF	20,3	05	15,2	27,5	25,0	17,3	27,4	25,5	17,3	27,4	32,00
14	14S	3/4-20UNEF	23,7	07	16,2	28,0	29,0	20,0	28,0	29,5	20,1	28,0	32,00
16	16/16S	7/8-20UNEF	26,7	08	23,9	29,0	36,0	25,5	29,5	36,5	25,5	29,5	36,83
18	18	1-20UNEF	30,3	10	24,6	29,7	39,0	27,0	31,0	39,5	27,0	31,0	36,83
20	20	1 1/8-18UNEF	35,3	12	25,1	30,5	42,0	28,0	32,7	42,5	28,0	32,7	38,87
22	22	1 1/4-18UNEF	38,3	14	25,9	30,9	45,0	29,5	34,3	45,5	29,5	34,3	38,87
24	24	1 3/8-18UNEF	41,3	16	27,1	31,1	48,0	31,0	35,8	48,5	31,0	35,8	41,15
28	28	1 5/8-18UNEF	47,8	18	28,8	32,1	55,1	35,5	38,9	55,6	35,5	38,9	41,15
32	32	1 7/8-16UN	54,2	22	29,7	29,3	59,0	36,2	42,4	59,5	36,2	42,4	44,71
36	36	2 1/16-16UNS	62,2	24	31,2	30,7	64,0	39,0	45,2	64,5	39,0	45,2	44,71

TABLE 2

ENTRY SIZE	ØZ MIN	ØS	ØY ± 0,3	ØK MAX	F ±0,5	G ±0,5	H ±0,5	M ±0,5	J ±0,5	THESE DIMENSIONS APPLY IF BACKSHELL IS STAINLESS STEEL OR NICKEL ALUMINIUM BRONZE		
										H ±0,5	M ±0,5	J ±0,5
04	6,35	9,49 +/-0,04	14,00	NA	NA	NA	NA	NA	NA	NA	NA	NA
05	7,92	11,06 +/-0,04	15,50	NA	NA	NA	NA	NA	NA	NA	NA	NA
06	9,53	12,66 +/-0,04	17,10	21,0	12,5	27,5	24,0	15,5	28,0	24,3	17,2	28,2
07	11,10	14,21 +/-0,07	18,70	21,0	12,5	27,5	24,0	15,5	28,0	24,3	17,2	28,2
08	12,70	15,81 +/-0,07	20,30	24,5	13,1	28,0	27,0	17,0	29,5	28,3	19,4	29,7
10	15,88	18,96 +/-0,08	23,50	29,0	13,5	29,0	31,0	19,5	31,0	31,1	21,0	31,2
12	19,05	22,14 +/-0,08	26,70	32,5	14,5	29,7	34,0	21,0	32,7	34,2	22,8	32,9
14	22,23	25,30 +/-0,08	29,80	35,5	15,5	30,5	35,0	20,0	34,3	38,5	25,3	34,5
16	25,40	28,48 +/-0,08	33,00	37,0	16,1	30,9	38,0	21,5	35,8	40,7	26,1	36,1
18	28,58	31,65 +/-0,08	36,20	40,0	16,5	31,1	42,0	24,0	37,4	43,7	27,6	37,6
20	31,75	34,83 +/-0,08	39,40	43,5	17,0	32,1	45,0	25,5	38,9	46,4	29,1	39,1
22	34,93	37,98 +/-0,08	42,50	48,5	18,5	35,3	54,5	31,0	42,0	50,0	31,0	42,0
24	38,10	41,15 +/-0,08	45,70	52,1	21,9	38,1	58,0	33,0	46,0	53,5	33,0	46,0

DRAWN	K.WINCZURA	DATE	05/05/2015	 3RD ANGLE PROJECTION NOT TO SCALE UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS IN MILLIMETRES GENERAL TOL LINEAR +/-0,25MM ANGULAR +/- 1°
CHECKED		DATE	05/05/2015	
APPROVED	K.SHEPPARD	DATE	23/06/2015	
APPROVED	H.SMITH	DATE	21/10/2015	
REVISIONS				
LTR	DESCRIPTION	DATE	APPROVED	
D	REVISED PER ECO-15-013162	14/09/2015	H.SMITH	
E	REVISED PER ECO-15-015098	21/10/2015	H.SMITH	

TITLE:

TINEL-LOCK BACKSHELL

ASSY USED ON:

BS9522 F0032 (PATT121B) CONNECTORS

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DRAWING NO:

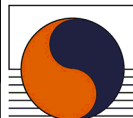
TXR78

DRAWING REV:

E

SHT

3



Polamco



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