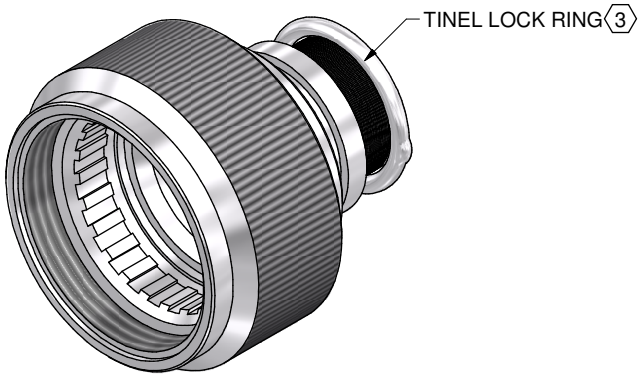


CODE 30 - TINEL-LOCK BACKSHELL

TXR30AB00-1608AI-S

- 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
- ORDER 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
  - 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-TXR30AB00-1206). RING SHALL BEAR NO MARKING.

⟨5⟩ FOR LARGER ENTRY SIZES, A 2 PIECE BACKSHELL ASSEMBLY (TYPE 2) IS SUPPLIED.

6. BACKSHELL MATES TO MIL-C-28840, M28840/10, /11, /14 & /16

⟨7⟩ THESE DIMENSIONS APPLY IF A SELF-LOCKING COUPLING NUT IS USED.

DRAWN	K.WINCZURA	DATE 15/12/2014	3RD ANGLE PROJECTION NOT TO SCALE
CHECKED		15/12/2014	
APPROVED	K.SHEPPARD	16/12/2014	UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS IN MILLIMETRES GENERAL TOL LINEAR +/-0,25MM ANGULAR +/- 1°
APPROVED	H.SMITH	01/10/2015	

REVISIONS

LTR	DESCRIPTION	DATE	APPROVED
F	REVISED PER ECO-15-002400	18/02/2015	H.SMITH
G	REVISED PER ECO-15-013980	01/10/2015	H.SMITH

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

TITLE: TINEL LOCK BACKSHELL

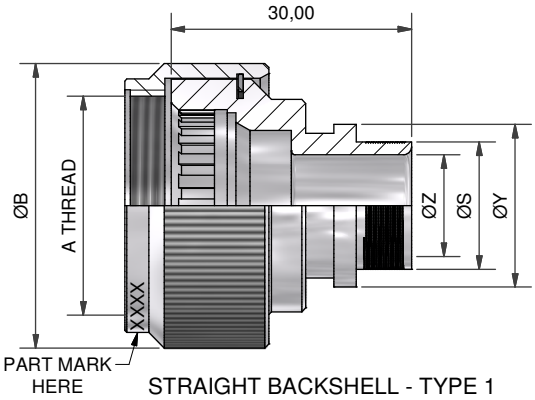
ASSY USED ON: MIL-DTL-28840

Polamco TE connectivity

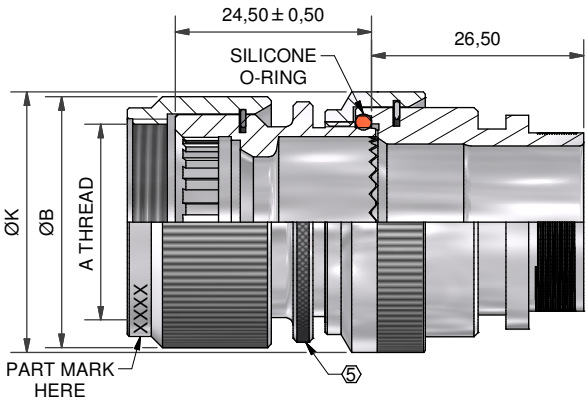
TE CONNECTIVITY - POLAMCO LTD RESERVES THE RIGHT TO AMEND THIS DRAWING AND THE INFORMATION SET FORTH HEREON AT ANY TIME. USERS SHOULD INDEPENDENTLY EVALUATE THE SUITABILITY OF THE PRODUCT FOR THEIR APPLICATION.

DRAWING NO:	DRAWING REV:	SHT
TXR30	G	1

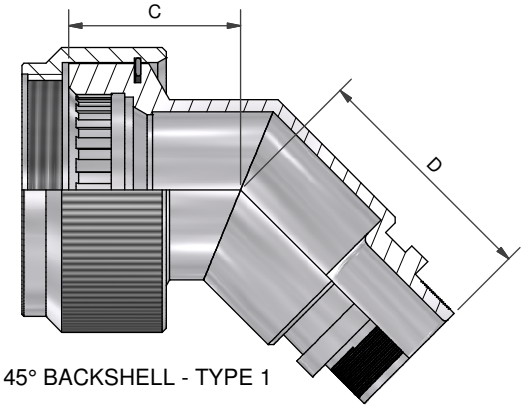
IF MAX ENTRY IS EXCEEDED BACKSHELL
WILL BE SUPPLIED AS TYPE 2



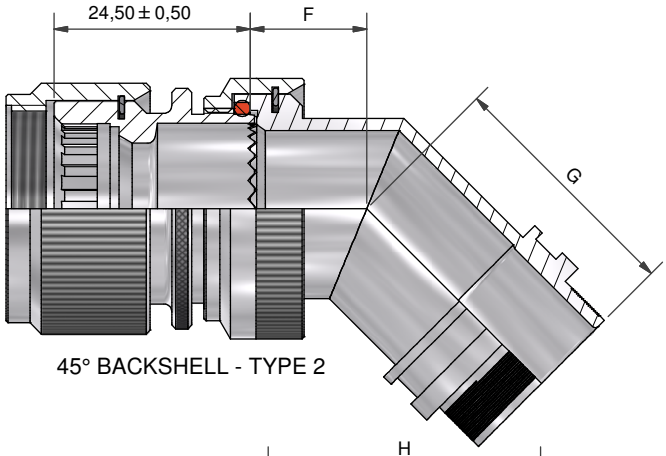
STRAIGHT BACKSHELL - TYPE 1



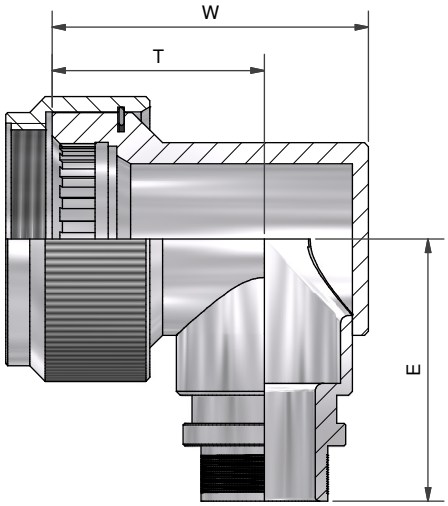
STRAIGHT BACKSHELL - TYPE 2



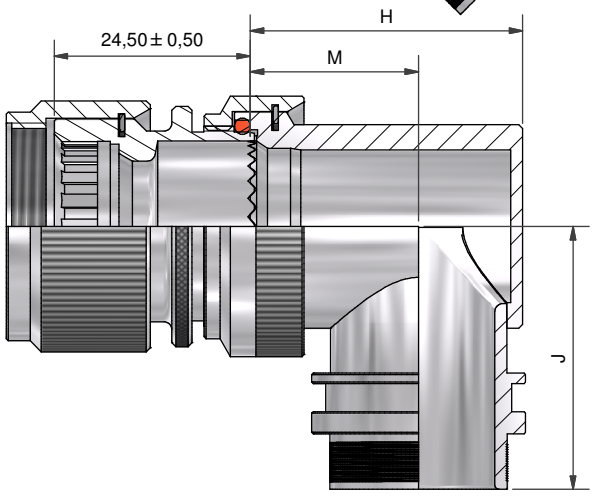
45° BACKSHELL - TYPE 1



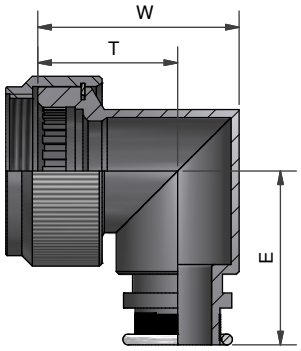
45° BACKSHELL - TYPE 2



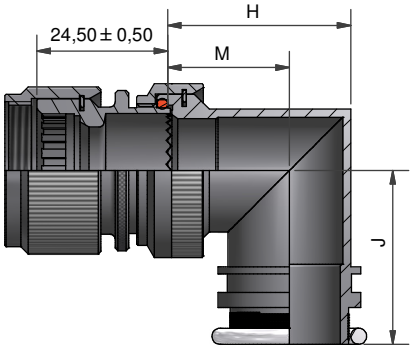
90° BACKSHELL - TYPE 1



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 15/12/2014	3RD ANGLE PROJECTION NOT TO SCALE
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APPROVED	H.SMITH	01/10/2015	

REVISIONS

LTR	DESCRIPTION	DATE	APPROVED
F	REVISED PER ECO-15-002400	18/02/2015	H.SMITH
G	REVISED PER ECO-15-013980	01/10/2015	H.SMITH

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

TITLE:

TINEL LOCK BACKSHELL

ASSY USED ON:

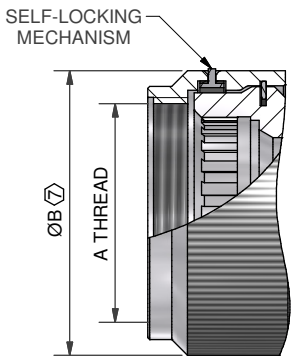
MIL-DTL-28840

Polamco
TE connectivity

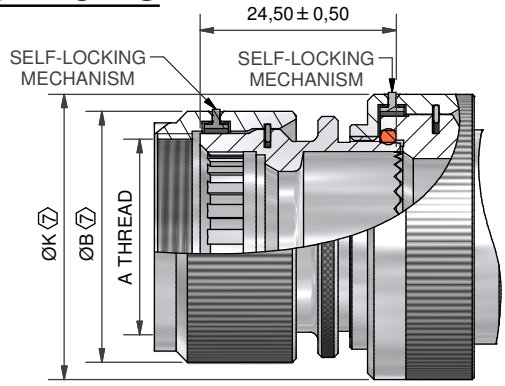
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DRAWING NO:	DRAWING REV:	SHT
TXR30	G	2

MODIFICATION S



BACKSHELL - TYPE 1



BACKSHELL - TYPE 2

TABLE 1

ORDER NUMBER	SHELL SIZE 6 COM'L / MIL	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 ±0,5	T ±0,5	E ±0,5
10	11 / A	3/4 - 20UNEF	26,5	05	19,7	27,5	31,2	22,4	27,95	29,6	22,4	28,2
12	13 / B	7/8 - 20UNEF	29,7	08	20,8	28,0	34,3	23,3	29,45	32,3	23,3	29,7
14	15 / C	1 - 20UNEF	31,3	10	21,5	29,0	36,7	24,2	31,00	34,4	24,2	31,2
16	17 / D	1 1/8 - 18 UNEF	35,5	12	21,5	29,7	39,5	26,2	32,70	37,7	26,2	32,9
18	19 / E	1 1/4 - 18UNEF	38,7	14	22,0	30,5	42,8	25,3	34,25	38,6	25,3	34,5
22	23 / F	1 7/16 -18UNEF	43,6	16	22,6	31,1	48,2	28,2	37,40	44,4	28,2	37,6
24	25 / G	1 9/16 -18UNEF	47,2	18	23,6	32,1	51,0	31,5	38,90	48,9	31,5	39,1
28	29 / H	1 7/8 - 16UN	55,2	22	25,7	35,3	60,3	37,0	45,30	57,0	37,0	45,3
32	33 / J	2 1/16 -16UN	60,5	24	26,7	38,1	63,4	38,5	47,80	60,5	38,5	47,8

TABLE 2

ENTRY SIZE	ØZ MIN	ØS	ØY ± 0,3	ØK MAX	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	NA
05	7,92	11,06 +/-0,04	15,50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
06	9,53	12,66 +/-0,04	17,10	21,0	24,6	12,5	27,5	24,0	15,5	27,95	24,3	17,2	28,2
07	11,10	14,21 +/-0,07	18,70	21,0	24,6	12,5	27,5	24,0	15,5	27,95	24,3	17,2	28,2
08	12,70	15,81 +/-0,07	20,30	24,5	28,3	13,1	28,0	27,0	17,0	29,45	28,3	19,4	29,7
10	15,88	18,96 +/-0,08	23,50	29,0	32,4	13,5	29,0	31,0	19,5	31,00	31,1	21,0	31,2
12	19,05	22,14 +/-0,08	26,70	32,5	35,6	14,5	29,7	34,0	21,0	32,70	34,2	22,8	32,9
14	22,23	25,30 +/-0,08	29,80	35,5	38,5	15,5	30,5	35,0	20,0	34,25	38,5	25,3	34,5
16	25,40	28,48 +/-0,08	33,00	37,0	41,7	16,1	30,9	38,0	21,5	35,80	40,7	26,1	36,1
18	28,58	31,65 +/-0,08	36,20	40,0	43,9	16,5	31,1	42,0	24,0	37,40	43,7	27,6	37,6
20	31,75	34,83 +/-0,08	39,40	43,5	47,0	17,0	32,1	45,0	25,5	38,90	46,4	29,1	39,1
22	34,93	37,98 +/-0,08	42,50	48,5	50,0	18,5	35,3	54,5	31,0	42,00	50,0	31,0	42,0
24	38,10	41,15 +/-0,08	45,70	52,1	56,0	21,9	38,1	58,0	33,0	46,00	53,5	33,0	46,0

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G	REVISED PER ECO-15-013980	01/10/2015	H.SMITH

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

TITLE:

TINEL LOCK BACKSHELL

ASSY USED ON:

MIL-DTL-28840

Polamco

TE connectivity

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DRAWING NO:	DRAWING REV:	SHT
TXR30	G	3