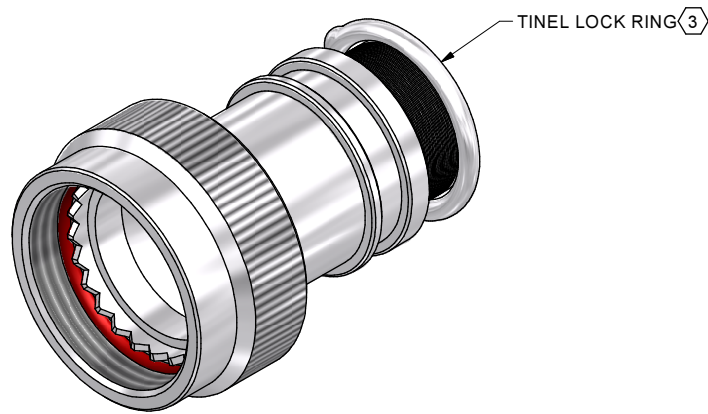




## CODE 64 - TINEL-LOCK BACKSHELL

**TXR64AB00-1608AI-**

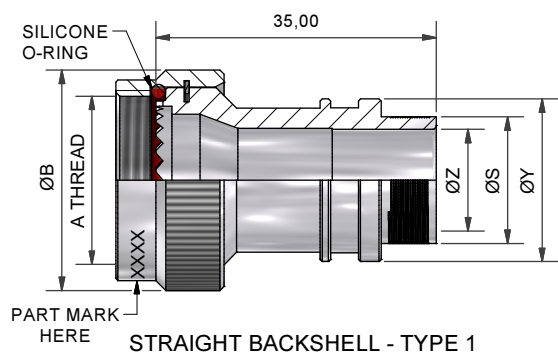
SERIES \_\_\_\_\_  
 TXR: RING INCLUDED  
 (SEE RING OPTION)  
 TX: RING NOT INCLUDED  
 CONNECTOR INTERFACE \_\_\_\_\_  
 MATERIAL \_\_\_\_\_  
 REFER TO CH00-0250-008  
 FINISH \_\_\_\_\_  
 REFER TO CH00-0250-008  
 ANGLE \_\_\_\_\_  
 DASH NUMBER (TABLE 1) \_\_\_\_\_  
 ENTRY SIZE (TABLE 2) \_\_\_\_\_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

### NOTES:

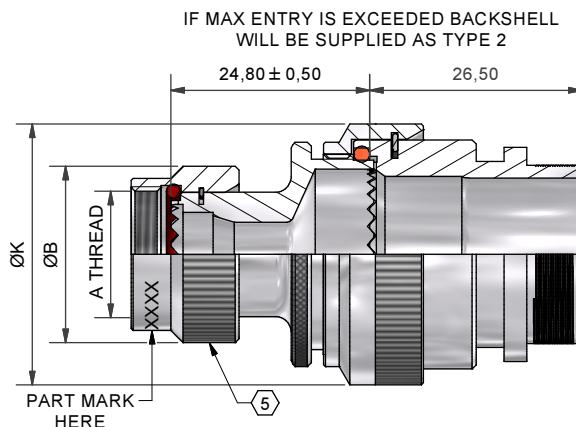
1. THIS PRODUCT IS DESIGNED TO TERMINATE A BRAIDED CABLE SHIELD AND A HEAT SHRINKABLE LIPPED BOOT TO A CONNECTOR.
- 2 FOR ADDITIONAL DIMENSIONS, ORDERING INFORMATION AND MODIFICATIONS, SEE CH00-0250-008.
- 3 SEE DRAWING TR FOR DETAIL ON TINEL-LOCK RING, RINGS ARE DESIGNED TO BE HEATED ELECTRICALLY, ALL 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-TXR64AB00-1406). RING SHALL BEAR NO MARKING.
- 5 IF MAX ENTRY IS EXCEEDED, A 2 PIECE BACKSHELL ASSEMBLY (TYPE 2) IS SUPPLIED.
6. BACKSHELL MATES TO VEAM "CIR" SERIES CONNECTORS, LESS ENDBELL.

If this document is printed it becomes uncontrolled. Check for the latest revision

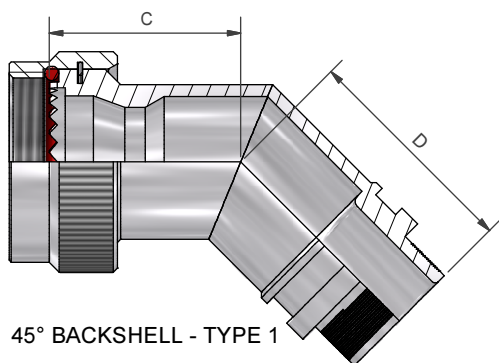
|                                                    |                           |                    |                                                                                                                                                                                                                          |                                                      |                                                                                                  |                                                                                                             |          |
|----------------------------------------------------|---------------------------|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------|--------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|----------|
| DRAWN                                              | K.WINCZURA                | DATE<br>16/12/2014 | <br>3RD ANGLE<br>PROJECTION<br>NOT TO<br>SCALE                                                                                        | TITLE:<br><br>TINEL-LOCK BACKSHELL                   | <br>Polamco |                                                                                                             |          |
| CHECKED                                            |                           | 16/12/2014         |                                                                                                                                                                                                                          |                                                      |                                                                                                  |                                                                                                             |          |
| APPROVED                                           | K.SHEPPARD                | 19/12/2014         |                                                                                                                                                                                                                          | ASSY USED ON:<br><br>VEAM "CIR" SERIES, LESS ENDBELL |                                                                                                  | <br>TE<br>connectivity |          |
| APPROVED                                           | H.SMITH                   | 17/07/2015         |                                                                                                                                                                                                                          |                                                      |                                                                                                  |                                                                                                             |          |
| REVISIONS                                          |                           |                    | TE CONNECTIVITY - POLAMCO LTD RESERVES THE RIGHT TO AMEND THIS DRAWING<br>AND THE INFORMATION SET FORTH HEREON AT ANY TIME. USERS SHOULD<br>INDEPENDENTLY EVALUATE THE SUITABILITY OF THE PRODUCT FOR THEIR APPLICATION. | DRAWING NO:<br>TXR64                                 | DRAWING REV:<br>G                                                                                |                                                                                                             | SHT<br>1 |
| LTR                                                | DESCRIPTION               | DATE               |                                                                                                                                                                                                                          |                                                      |                                                                                                  |                                                                                                             |          |
| F                                                  | REVISED PER ECO-15-002352 | 18/02/2015         |                                                                                                                                                                                                                          |                                                      |                                                                                                  | H.SMITH                                                                                                     |          |
| G                                                  | REVISED PER ECO-15-010492 | 17/07/2015         |                                                                                                                                                                                                                          |                                                      |                                                                                                  | H.SMITH                                                                                                     |          |
| TE CAGE CODE: 06090<br>POLAMCO/TE CAGE CODE: U5792 |                           |                    |                                                                                                                                                                                                                          |                                                      |                                                                                                  |                                                                                                             |          |



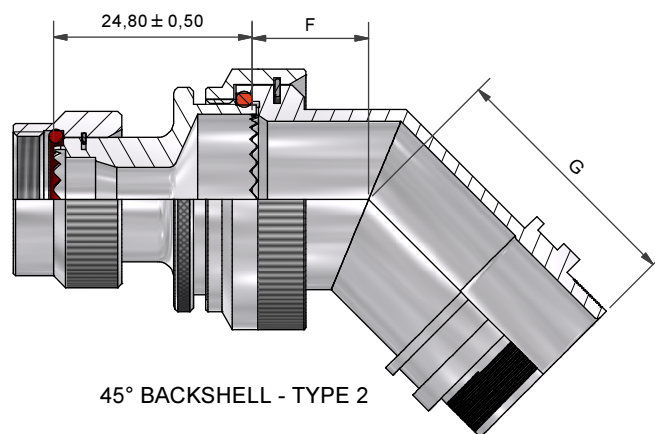
STRAIGHT BACKSHELL - TYPE 1



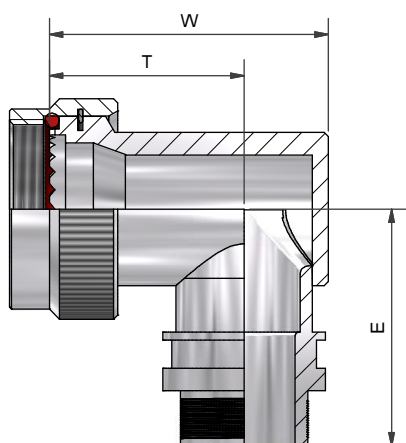
STRAIGHT BACKSHELL - TYPE 2



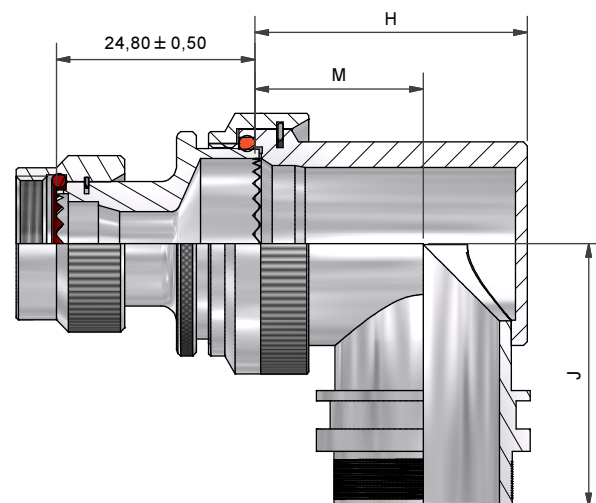
45° BACKSHELL - TYPE 1



45° BACKSHELL - TYPE 2

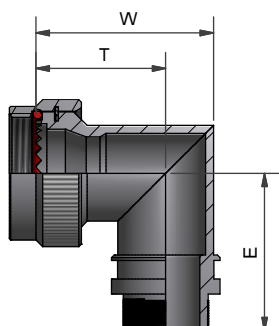


90° BACKSHELL - TYPE 1

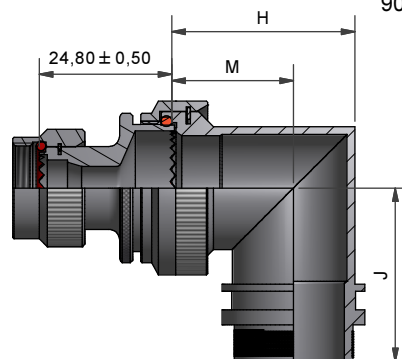


90° BACKSHELL - TYPE 2

If this document is printed it becomes uncontrolled. Check for the latest revision



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



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

|                             |                           |            |            |
|-----------------------------|---------------------------|------------|------------|
| DRAWN                       | K.WINCZURA                | DATE       | 16/12/2014 |
| CHECKED                     |                           | DATE       | 16/12/2014 |
| APPROVED                    | K.SHEPPARD                | DATE       | 19/12/2014 |
| APPROVED                    | H.SMITH                   | DATE       | 17/07/2015 |
| REVISIONS                   |                           |            |            |
| LTR                         | DESCRIPTION               | DATE       | APPROVED   |
| F                           | REVISED PER ECO-15-002352 | 18/02/2015 | H.SMITH    |
| G                           | REVISED PER ECO-15-010492 | 17/07/2015 | 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  $\pm 0,25$ MM  
ANGULAR  $\pm 1^\circ$

TITLE:

TINEL-LOCK BACKSHELL

ASSY USED ON:

VEAM "CIR" SERIES, LESS ENDBELL

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:  
TXR64

DRAWING REV:  
G

SHT  
2



TABLE 1

|              |               |                |           |              |           |           |           |           |           | THESE DIMENSIONS APPLY IF<br>BACKSHELL IS STAINLESS STEEL<br>OR NICKEL ALUMINIUM BRONZE |           |           |
|--------------|---------------|----------------|-----------|--------------|-----------|-----------|-----------|-----------|-----------|-----------------------------------------------------------------------------------------|-----------|-----------|
| ORDER<br>NO. | SHELL<br>SIZE | A THREAD       | ØB<br>MAX | MAX<br>ENTRY | C<br>±0,5 | D<br>±0,5 | W<br>±0,5 | T<br>±0,5 | E<br>±0,5 | W<br>MAX                                                                                | T<br>±0,5 | E<br>±0,5 |
| 11           | 10SL          | 5/8 - 24UNEF   | 23,1      | 05           | 20,3      | 27,5      | 29,7      | 22,0      | 26,50     | 30,2                                                                                    | 22,0      | 28,2      |
| 14           | 14S           | 3/4 - 20UNEF   | 26,4      | 06           | 21,3      | 28,0      | 32,8      | 23,8      | 27,95     | 33,3                                                                                    | 23,8      | 28,2      |
| 16           | 16, 16S       | 7/8 - 20UNEF   | 31,0      | 08           | 23,1      | 29,0      | 34,8      | 24,3      | 29,45     | 35,3                                                                                    | 24,3      | 29,7      |
| 18           | 18            | 1 - 20UNEF     | 34,3      | 10           | 24,6      | 29,7      | 39,1      | 27,1      | 31,00     | 39,6                                                                                    | 27,1      | 31,2      |
| 20           | 20            | 1 1/8 - 18UNEF | 37,4      | 12           | 25,9      | 30,5      | 41,4      | 27,4      | 32,70     | 41,9                                                                                    | 27,4      | 32,9      |
| 22           | 22            | 1 1/4 - 18UNEF | 40,6      | 12           | 26,4      | 30,9      | 45,0      | 29,5      | 34,25     | 45,5                                                                                    | 29,5      | 34,5      |
| 24           | 24            | 1 3/8 - 18UNEF | 43,7      | 14           | 27,2      | 31,1      | 48,3      | 31,3      | 35,80     | 48,8                                                                                    | 31,3      | 36,1      |
| 28           | 28            | 1 5/8 - 18UNEF | 50,0      | 16           | 27,7      | 32,1      | 52,3      | 32,7      | 38,90     | 52,8                                                                                    | 32,7      | 39,1      |
| 32           | 32            | 1 7/8 - 16UN   | 56,4      | 20           | 29,2      | 31,4      | 58,4      | 35,6      | 42,00     | 58,9                                                                                    | 35,6      | 48,4      |
| 36           | 36            | 2 1/16 - 16UNS | 62,7      | 22           | 30,5      | 32,3      | 64,5      | 39,5      | 44,70     | 65,0                                                                                    | 39,5      | 51,4      |
| 40           | 40            | 2 5/16 - 16UNS | 69,1      | 28           | 32,0      | 35,2      | 73,2      | 44,2      | 49,10     | 73,7                                                                                    | 44,2      | 57,7      |

TABLE 2

|               |           |               |            |           |           |           |           |           |           | THESE DIMENSIONS APPLY IF<br>BACKSHELL IS STAINLESS STEEL<br>OR NICKEL ALUMINIUM BRONZE |           |           |
|---------------|-----------|---------------|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------------------------------------------------------------------------------------|-----------|-----------|
| ENTRY<br>SIZE | ØZ<br>MIN | ØS            | ØY<br>±0,3 | ØK<br>MAX | F<br>±0,5 | G<br>±0,5 | H<br>±0,5 | M<br>±0,5 | J<br>±0,5 | H<br>±0,5                                                                               | M<br>±0,5 | J<br>±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      | 27,95     | 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      | 27,95     | 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      | 29,45     | 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      | 31,00     | 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      | 32,70     | 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      | 34,25     | 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      | 35,80     | 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      | 37,40     | 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      | 38,90     | 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      | 42,00     | 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      | 46,00     | 53,5                                                                                    | 33,0      | 46,0      |
| 28            | 44,45     | 47,50 +/-0,08 | 52,00      | 58,5      | 26,9      | 44,4      | 65,5      | 36,5      | 51,1      | 60,3                                                                                    | 36,5      | 51,1      |

If this document is printed it becomes uncontrolled. Check for the latest revision

|                                                    |                           |                    |                                                                                                                                   |                                                                                                                                                                                                                          |  |  |  |                                                                                                  |                          |                 |          |
|----------------------------------------------------|---------------------------|--------------------|-----------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--------------------------------------------------------------------------------------------------|--------------------------|-----------------|----------|
| DRAWN                                              | K.WINCZURA                | DATE<br>16/12/2014 | <br>3RD ANGLE<br>PROJECTION<br>NOT TO<br>SCALE | TITLE:<br><br>TINEL-LOCK BACKSHELL                                                                                                                                                                                       |  |  |  | <br>Polamco |                          |                 |          |
| CHECKED                                            |                           | 16/12/2014         |                                                                                                                                   |                                                                                                                                                                                                                          |  |  |  |                                                                                                  |                          |                 |          |
| APPROVED                                           | K.SHEPPARD                | 19/12/2014         |                                                                                                                                   | ASSY USED ON:<br><br>VEAM "CIR" SERIES, LESS ENDBELL                                                                                                                                                                     |  |  |  |                                                                                                  |                          |                 |          |
| APPROVED                                           | H.SMITH                   | 17/07/2015         |                                                                                                                                   |                                                                                                                                                                                                                          |  |  |  |                                                                                                  |                          |                 |          |
| REVISIONS                                          |                           |                    | UNLESS OTHERWISE SPECIFIED<br>ALL DIMENSIONS IN MILLIMETRES<br>GENERAL TOL<br>LINEAR +/-0,25MM<br>ANGULAR +/- 1°                  | TE CONNECTIVITY - POLAMCO LTD RESERVES THE RIGHT TO AMEND THIS DRAWING<br>AND THE INFORMATION SET FORTH HEREON AT ANY TIME. USERS SHOULD<br>INDEPENDENTLY EVALUATE THE SUITABILITY OF THE PRODUCT FOR THEIR APPLICATION. |  |  |  | DRAWING NO:<br><b>TXR64</b>                                                                      | DRAWING REV:<br><b>G</b> | SHT<br><b>3</b> |          |
| LTR                                                | DESCRIPTION               | DATE               |                                                                                                                                   |                                                                                                                                                                                                                          |  |  |  |                                                                                                  |                          |                 | APPROVED |
| F                                                  | REVISED PER ECO-15-002352 | 18/02/2015         |                                                                                                                                   |                                                                                                                                                                                                                          |  |  |  |                                                                                                  |                          |                 | H.SMITH  |
| G                                                  | REVISED PER ECO-15-010492 | 17/07/2015         |                                                                                                                                   |                                                                                                                                                                                                                          |  |  |  |                                                                                                  |                          |                 | H.SMITH  |
| TE CAGE CODE: 06090<br>POLAMCO/TE CAGE CODE: U5792 |                           |                    |                                                                                                                                   |                                                                                                                                                                                                                          |  |  |  |                                                                                                  |                          |                 |          |