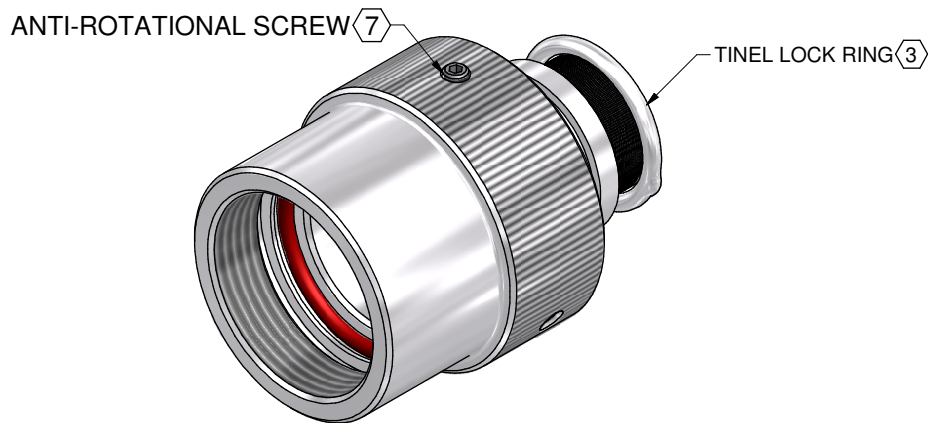




## CODE 32 - TINEL-LOCK BACKSHELL

**TXR32AB00-1608AI-**

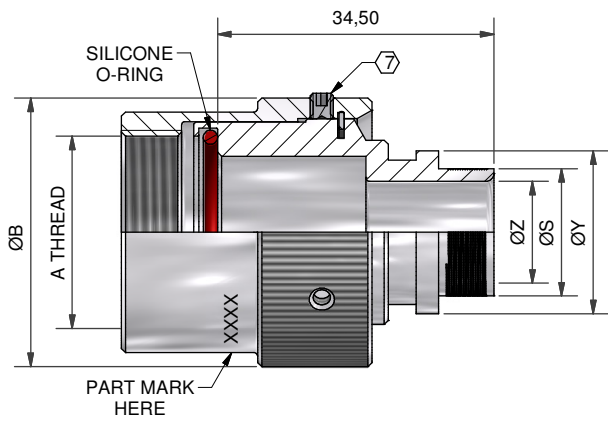
|                                         |       |
|-----------------------------------------|-------|
| SERIES                                  | _____ |
| TXR: RING INCLUDED<br>(SEE RING OPTION) | _____ |
| TX: RING NOT INCLUDED                   | _____ |
| CONNECTOR INTERFACE                     | _____ |
| MATERIAL                                | _____ |
| REFER TO CH00-0250-008                  | _____ |
| FINISH                                  | _____ |
| REFER TO CH00-0250-008                  | _____ |
| ANGLE                                   | _____ |
| SHELL SIZE (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:

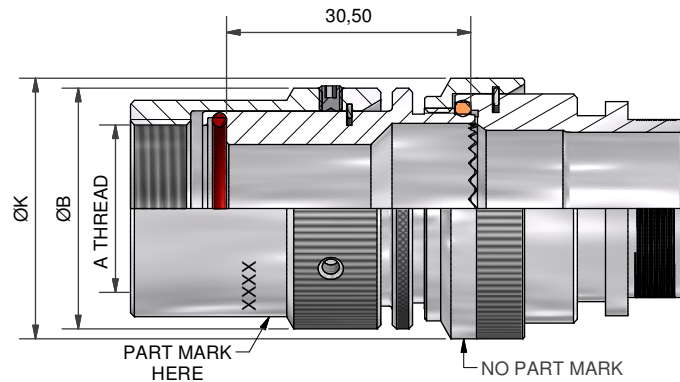
1. THIS PRODUCT IS DESIGNED TO TERMINATE A BRAIDED CABLE SHIELD AND A HEAT SHRINKABLE LIPPED BOOT TO A CONNECTOR.
- (2) FOR ADDITIONAL DIMENSIONS, ORDERING INFORMATION AND MODIFICATIONS, SEE CH00-0250-008.
- (3) SEE DRAWING TR FOR DETAIL ON TINEL-LOCK RING, RINGS ARE DESIGNED TO BE HEATED ELECTRICALLY, 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-TXR32AB00-1406). RING SHALL BEAR NO MARKING.
- (5) FOR LARGER ENTRY SIZES, A 2 PIECE BACKSHELL ASSEMBLY (TYPE 2) IS SUPPLIED.
6. BACKSHELL MATES TO MIL-DTL-22992, CLASS C & R, MS17343, 44, 45 & 47 CONNECTORS.
- (7) ANTI-ROTATIONAL SET SCREW, 3 THREADED HOLES  $120^\circ \pm 5^\circ$  APART, SINGLE MATING SET SCREW SUPPLIED.

|                                                    |                           |      |            |                                                                                                                                   |                                                                                                                                                                                                                          |                                    |                                                                                                  |                          |                       |              |
|----------------------------------------------------|---------------------------|------|------------|-----------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|--------------------------------------------------------------------------------------------------|--------------------------|-----------------------|--------------|
| DRAWN                                              | K.WINCZURA                | DATE | 15/12/2014 | <br>3RD ANGLE<br>PROJECTION<br>NOT TO<br>SCALE | TITLE:<br><br>TINEL-LOCK BACKSHELL                                                                                                                                                                                       |                                    | <br>Polamco |                          |                       |              |
| CHECKED                                            |                           | DATE | 15/12/2014 |                                                                                                                                   |                                                                                                                                                                                                                          |                                    |                                                                                                  |                          |                       |              |
| APPROVED                                           | K.SHEPPARD                | DATE | 01/09/2015 |                                                                                                                                   | UNLESS OTHERWISE SPECIFIED<br>ALL DIMENSIONS IN MILLIMETRES<br><b>GENERAL TOL</b><br>LINEAR +/-0.25MM<br>ANGULAR +/- 1°                                                                                                  | ASSY USED ON:<br><br>MIL-DTL-22992 |                                                                                                  |                          |                       |              |
| APPROVED                                           | H.SMITH                   | DATE | 06/10/2015 |                                                                                                                                   |                                                                                                                                                                                                                          |                                    |                                                                                                  |                          |                       |              |
| 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><br>TXR32 | DRAWING REV:<br><br>F | SHT<br><br>1 |
| LTR                                                | DESCRIPTION               |      | DATE       | APPROVED                                                                                                                          |                                                                                                                                                                                                                          |                                    |                                                                                                  |                          |                       |              |
| E                                                  | REVISED PER ECO-14-008400 |      | 06.04.14   | I.M                                                                                                                               |                                                                                                                                                                                                                          |                                    |                                                                                                  |                          |                       |              |
| F                                                  | REVISED PER ECO-15-014373 |      | 01.09.15   | H.SMITH                                                                                                                           |                                                                                                                                                                                                                          |                                    |                                                                                                  |                          |                       |              |
| TE CAGE CODE: 06090<br>POLAMCO/TE CAGE CODE: U5792 |                           |      |            |                                                                                                                                   |                                                                                                                                                                                                                          |                                    |                                                                                                  |                          |                       |              |

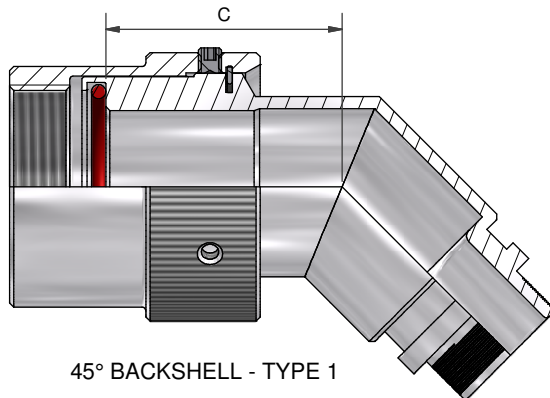
IF MAX ENTRY IS EXCEEDED BACKSHELL  
WILL BE SUPPLIED AS TYPE 2



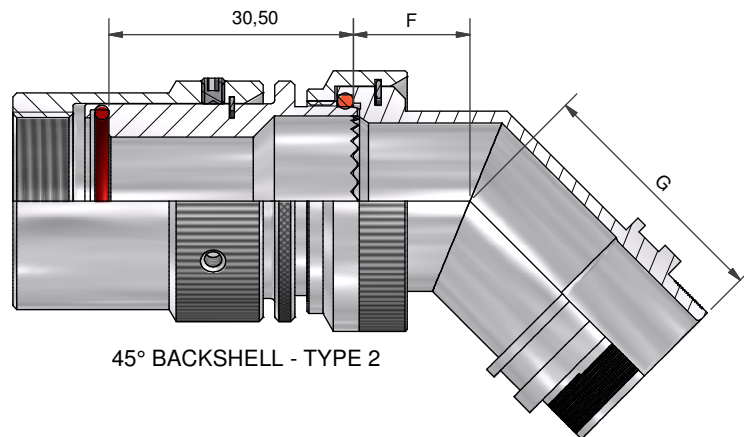
STRAIGHT BACKSHELL - TYPE 1



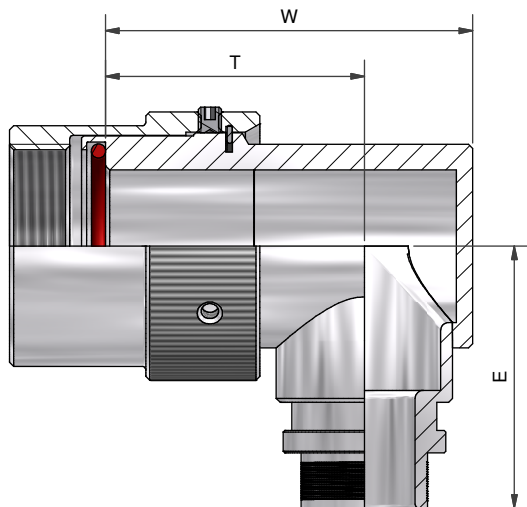
STRAIGHT BACKSHELL - TYPE 2



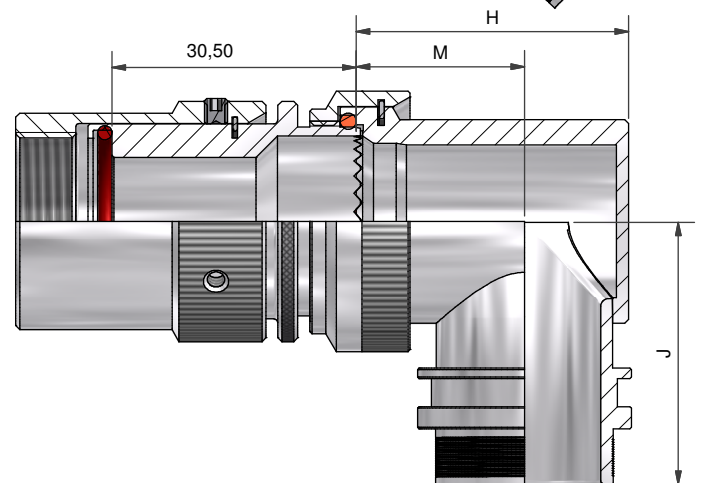
45° BACKSHELL - TYPE 1



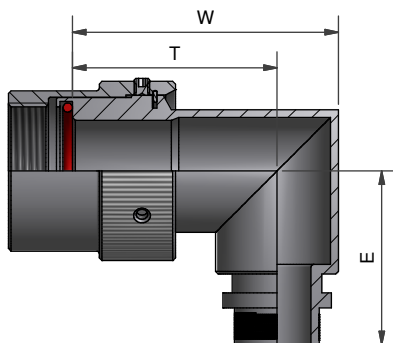
45° BACKSHELL - TYPE 2



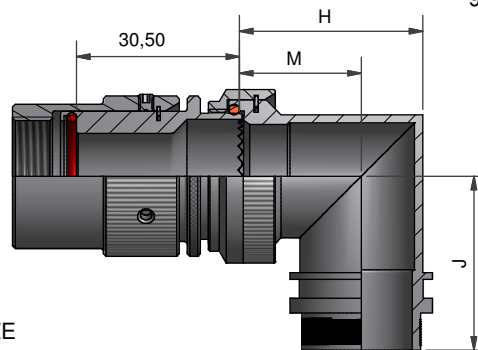
90° BACKSHELL - TYPE 1



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 |
| CHECKED                                            |                           | DATE     | 15/12/2014 |
| APPROVED                                           | K.SHEPPARD                | DATE     | 01/09/2015 |
| APPROVED                                           | H.SMITH                   | DATE     | 06/10/2015 |
| REVISIONS                                          |                           |          |            |
| LTR                                                | DESCRIPTION               | DATE     | APPROVED   |
| E                                                  | REVISED PER ECO-14-008400 | 06.04.14 | I.M        |
| F                                                  | REVISED PER ECO-15-014373 | 01.09.15 | H.SMITH    |
| TE CAGE CODE: 06090<br>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-22992

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:  
TXR32

DRAWING REV:  
F

SHT  
2



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

| SHELL<br>SIZE | A<br>LH THREAD | ØB<br>MAX | MAX<br>ENTRY | C<br>MAX | D<br>MAX | W<br>±0,5 | T<br>±0,5 | E<br>±0,5 | W<br>MAX | T<br>±0,5 | E<br>±0,5 |
|---------------|----------------|-----------|--------------|----------|----------|-----------|-----------|-----------|----------|-----------|-----------|
| 12            | 3/4-20UNEF     | 27,2      | 08           | 29,0     | 28,5     | 41,0      | 30,0      | 29,5      | 41,0     | 30,0      | 29,7      |
| 14            | 7/8-20UNEF     | 30,2      | 10           | 29,7     | 29,5     | 44,0      | 31,5      | 31,0      | 44,0     | 31,5      | 31,2      |
| 16            | 1-20UNEF       | 33,5      | 12           | 30,0     | 30,2     | 45,8      | 32,3      | 32,7      | 45,8     | 32,3      | 32,9      |
| 18            | 1 1/8-18UNEF   | 36,6      | 14           | 30,7     | 31,0     | 51,5      | 36,0      | 34,3      | 51,5     | 36,0      | 34,5      |
| 20            | 1 1/4-18UNEF   | 39,9      | 16           | 31,2     | 31,4     | 54,7      | 37,2      | 35,8      | 54,7     | 37,2      | 36,1      |
| 22            | 1 3/8-18UNEF   | 42,9      | 18           | 32,0     | 31,6     | 56,9      | 38,5      | 37,4      | 56,9     | 38,5      | 37,6      |
| 24            | 1 5/8-18UNEF   | 52,6      | 22           | 33,5     | 32,6     | 67,0      | 43,9      | 41,9      | 64,2     | 42,8      | 41,9      |
| 28            | 1 7/8-16UN     | 58,9      | 24           | 34,8     | 33,0     | 71,3      | 46,3      | 45,3      | 70,8     | 46,0      | 45,3      |
| 32            | 2 1/16-16UNS   | 65,3      | 24           | 36,3     | 32,5     | 81,5      | 52,0      | 48,4      | 81,5     | 52,0      | 48,4      |
| 36            | 2 5/16-16UNS   | 71,6      | 24           | 37,6     | 33,8     | 84,8      | 52,8      | 51,4      | 84,0     | 52,8      | 51,4      |
| 40            | 2 5/8-18UN     | 78,0      | 24           | 38,9     | 35,3     | 90,0      | 55,6      | 54,6      | 90,0     | 55,6      | 54,6      |
| 44            | 2 7/8-16UNS    | 83,0      | 28           | 40,5     | 37,0     | 93,0      | 57,0      | 57,7      | 93,0     | 57,0      | 57,7      |

THESE DIMENSIONS APPLY IF  
BACKSHELL IS STAINLESS STEEL  
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  | 14,0        | NA        | NA        | NA        | NA        | NA        | NA        | NA        | NA        | NA        |
| 05            | 7,92      | 11,06 +/-0,04 | 15,5        | NA        | NA        | NA        | NA        | NA        | NA        | NA        | NA        | NA        |
| 06            | 9,53      | 12,66 +/-0,04 | 17,1        | NA        | NA        | NA        | NA        | NA        | NA        | NA        | NA        | NA        |
| 07            | 11,10     | 14,21 +/-0,07 | 18,7        | NA        | NA        | NA        | NA        | NA        | NA        | NA        | NA        | NA        |
| 08            | 12,70     | 15,81 +/-0,07 | 20,3        | NA        | NA        | NA        | NA        | NA        | NA        | NA        | NA        | NA        |
| 10            | 15,88     | 18,96 +/-0,08 | 23,5        | 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 | 26,7        | 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 | 29,8        | 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 | 33,0        | 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 | 36,2        | 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 | 39,4        | 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 | 42,5        | 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 | 45,7        | 52,1      | 21,9      | 38,1      | 58,0      | 33,0      | 46,0      | 53,5      | 33,0      | 46,0      |
| 28            | 44,45     | 47,50 +/-0,08 | 52,0        | 58,5      | 26,9      | 44,4      | 65,5      | 36,5      | 51,1      | 60,3      | 36,5      | 51,1      |

|                                                    |                           |             |                 |                                                                                                                                   |                                                                                                                                                                                                                          |                                                                                                                         |                          |                 |
|----------------------------------------------------|---------------------------|-------------|-----------------|-----------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|--------------------------|-----------------|
| <b>DRAWN</b>                                       | K.WINCZURA                | <b>DATE</b> | 15/12/2014      | <br>3RD ANGLE<br>PROJECTION<br>NOT TO<br>SCALE | <b>TITLE:</b><br><br>TINEL-LOCK BACKSHELL                                                                                                                                                                                | <br><b>Polamco</b><br>connectivity |                          |                 |
| <b>CHECKED</b>                                     |                           | <b>DATE</b> | 15/12/2014      |                                                                                                                                   |                                                                                                                                                                                                                          |                                                                                                                         |                          |                 |
| <b>APPROVED</b>                                    | K.SHEPPARD                | <b>DATE</b> | 01/09/2015      |                                                                                                                                   |                                                                                                                                                                                                                          |                                                                                                                         |                          |                 |
| <b>APPROVED</b>                                    | H.SMITH                   | <b>DATE</b> | 06/10/2015      |                                                                                                                                   |                                                                                                                                                                                                                          |                                                                                                                         |                          |                 |
| <b>REVISIONS</b>                                   |                           |             |                 | <b>ASSY USED ON:</b><br><br>MIL-DTL-22992                                                                                         | 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. | <b>DRAWING NO:</b><br>TXR32                                                                                             | <b>DRAWING REV:</b><br>F | <b>SHT</b><br>3 |
| <b>LTR</b>                                         | <b>DESCRIPTION</b>        | <b>DATE</b> | <b>APPROVED</b> |                                                                                                                                   |                                                                                                                                                                                                                          |                                                                                                                         |                          |                 |
| <b>E</b>                                           | REVISED PER ECO-14-008400 | 06.04.14    | I.M             |                                                                                                                                   |                                                                                                                                                                                                                          |                                                                                                                         |                          |                 |
| <b>F</b>                                           | REVISED PER ECO-15-014373 | 01.09.15    | H.SMITH         |                                                                                                                                   |                                                                                                                                                                                                                          |                                                                                                                         |                          |                 |
| TE CAGE CODE: 06090<br>POLAMCO/TE CAGE CODE: U5792 |                           |             |                 |                                                                                                                                   |                                                                                                                                                                                                                          |                                                                                                                         |                          |                 |

# Mouser Electronics

Authorized Distributor

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[TXR32AB00-2412AI2J](#) [TXR32AB00-3220AIJ](#) [TXR32AB00-2012AI-CS8191](#) [TXR32AB00-3620AIJ](#) [TXR32AB00-1404AI-CS8191](#) [TXR32AB45-3622AI2-CS2514](#) [TXR32AB00-2010AI2-CS2472](#) [TXR32AB00-2010AI2J](#) [TXR32AB00-2016AI2J](#) [TXR32AB90-2008AI2J](#) [TXR32AG00-2008AI2J](#) [TXR32AG00-3622AI2J](#) [TXR32AG90-3622AI2J](#)  
[TXR32AB00-2006BI](#)