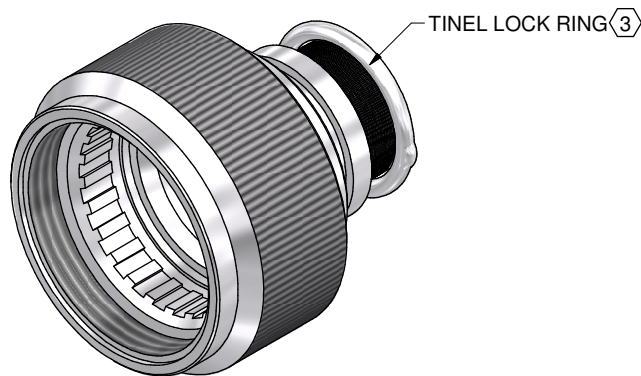




## CODE 30 - TINEL-LOCK BACKSHELL

**TXR30AB00-1608AI-S**

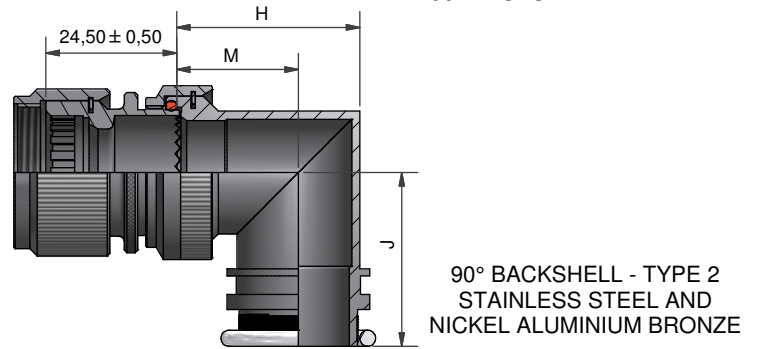
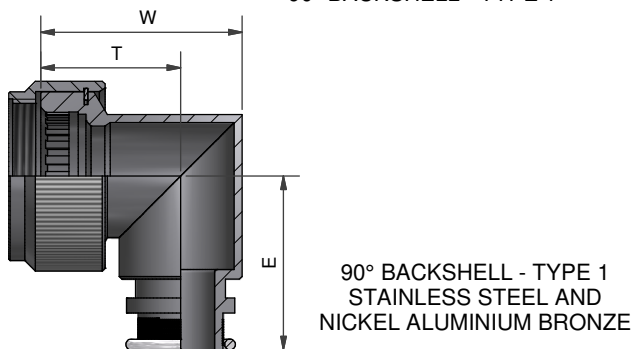
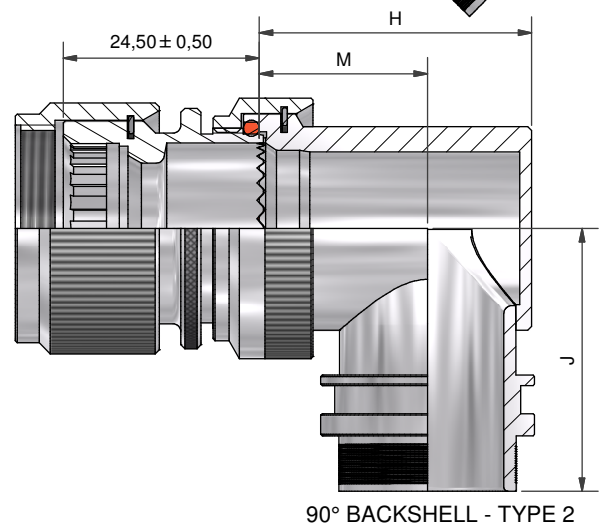
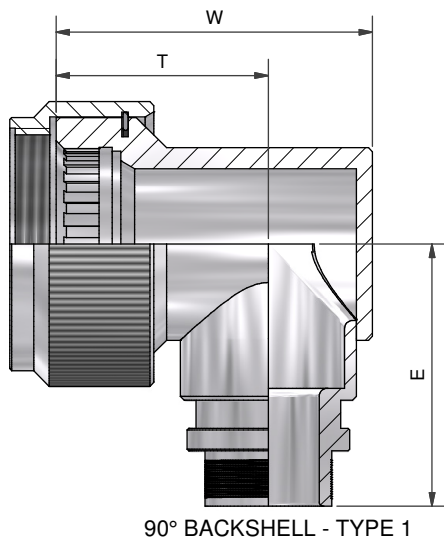
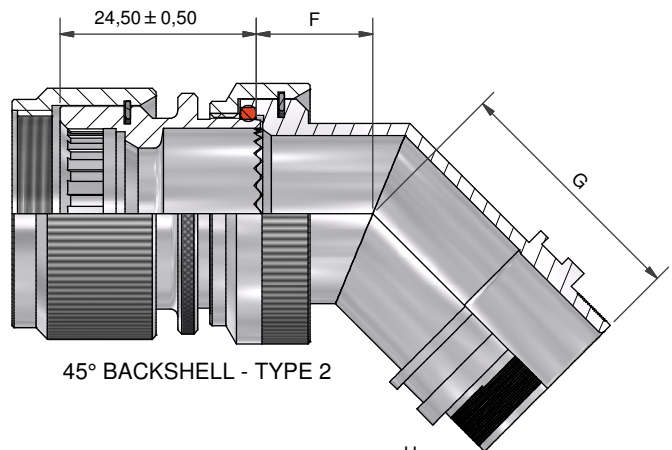
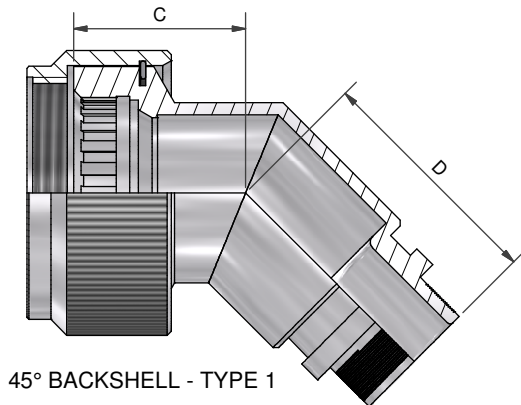
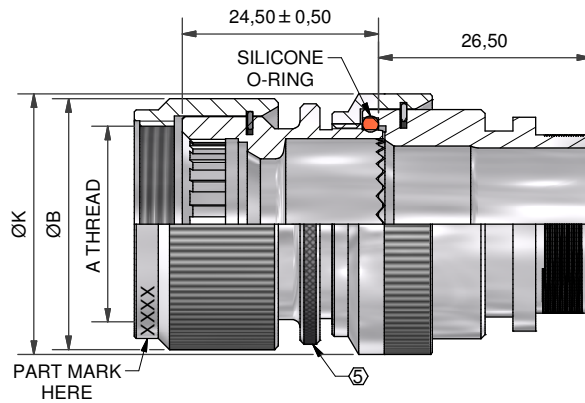
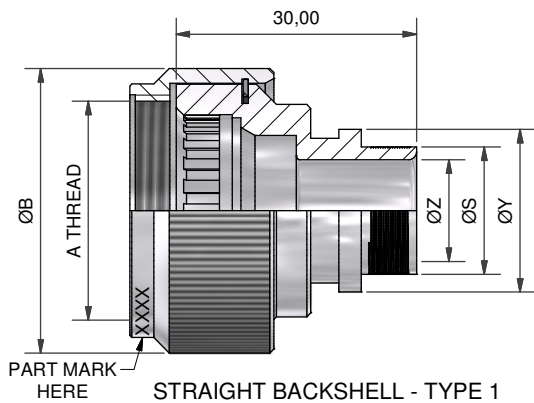
SERIES \_\_\_\_\_  
 TXR: RING INCLUDED  
 (SEE RING OPTION)  
 TX: RING NOT INCLUDED  
 CONNECTOR INTERFACE \_\_\_\_\_  
 MATERIAL \_\_\_\_\_  
 REFER TO CH00-0250-008  
 FINISH \_\_\_\_\_  
 REFER TO CH00-0250-008  
 ANGLE \_\_\_\_\_  
 ORDER NUMBER (TABLE 1) \_\_\_\_\_  
 ENTRY SIZE (TABLE 2) \_\_\_\_\_  
 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                                                                                                              | <br>3RD ANGLE<br>PROJECTION<br>NOT TO<br>SCALE | TITLE:                                                                                                                                                                                                                   | TINEL LOCK BACKSHELL |  |                      |                   |          | <br>Polamco<br> |
| CHECKED                                            |                           | 15/12/2014 |                                                                                                                         |                                                                                                                                   |                                                                                                                                                                                                                          |                      |  |                      |                   |          |                                                                                                                                                                                           |
| APPROVED                                           | K.SHEPPARD                | 16/12/2014 | UNLESS OTHERWISE SPECIFIED<br>ALL DIMENSIONS IN MILLIMETRES<br><b>GENERAL TOL</b><br>LINEAR +/-0.25MM<br>ANGULAR +/- 1° |                                                                                                                                   | ASSY USED ON:                                                                                                                                                                                                            | MIL-DTL-28840        |  |                      |                   |          |                                                                                                                                                                                           |
| 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<br>POLAMCO/TE CAGE CODE: U5792 |                           |            |                                                                                                                         |                                                                                                                                   | 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>TXR30 | DRAWING REV:<br>G | SHT<br>1 |                                                                                                                                                                                           |

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

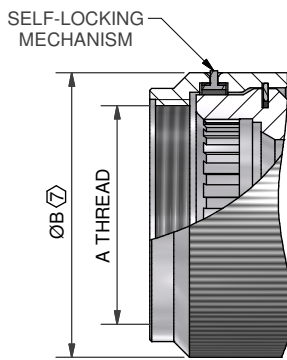


|                                                    |                           |            |            |
|----------------------------------------------------|---------------------------|------------|------------|
| DRAWN                                              | K.WINCZURA                | DATE       | 15/12/2014 |
| CHECKED                                            |                           | DATE       | 15/12/2014 |
| APPROVED                                           | K.SHEPPARD                | DATE       | 16/12/2014 |
| APPROVED                                           | H.SMITH                   | DATE       | 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<br>POLAMCO/TE CAGE CODE: U5792 |                           |            |            |

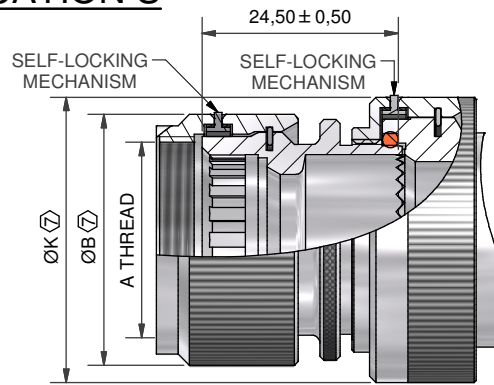
|                                                                                                                                                                                                                    |  |                      |              |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------|--------------|
| TITLE:                                                                                                                                                                                                             |  | TINEL LOCK BACKSHELL |              |
| ASSY USED ON:                                                                                                                                                                                                      |  | MIL-DTL-28840        |              |
| 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:<br>TXB30 | DRAWING<br>G |

  
**Polamco**  
  
**TE**  
 connectivity

# 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 Ø | 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   |

|                                                    |                           |            |            |                                                                                                                                                        |
|----------------------------------------------------|---------------------------|------------|------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| DRAWN                                              | K.WINCZURA                | DATE       | 15/12/2014 | <br>3RD ANGLE PROJECTION NOT TO SCALE<br>UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS IN MILLIMETRES<br>GENERAL TOL<br>LINEAR +/-0,25MM<br>ANGULAR +/- 1° |
| CHECKED                                            |                           | DATE       | 15/12/2014 |                                                                                                                                                        |
| APPROVED                                           | K.SHEPPARD                | DATE       | 16/12/2014 |                                                                                                                                                        |
| APPROVED                                           | H.SMITH                   | DATE       | 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<br>POLAMCO/TE CAGE CODE: U5792 |                           |            |            |                                                                                                                                                        |

|                                                                                                                                                                                                                    |  |                                                                                                                                                                                           |                   |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|
| TITLE:                                                                                                                                                                                                             |  | <br>Polamco<br> |                   |
| TINEL LOCK BACKSHELL                                                                                                                                                                                               |  |                                                                                                                                                                                           |                   |
| ASSY USED ON:                                                                                                                                                                                                      |  |                                                                                                                                                                                           |                   |
| MIL-DTL-28840                                                                                                                                                                                                      |  |                                                                                                                                                                                           |                   |
| 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:<br>TXB30                                                                                                                                                                      | DRAWING REV:<br>G |
|                                                                                                                                                                                                                    |  | SHT<br>3                                                                                                                                                                                  |                   |



**Стандарт  
Электрон  
Связь**

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