TINEL LOCK RING ⟨3⟩

CODE 54 - TINEL-LOCK BACKSHELL

TXR54AB00-1608AI-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
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
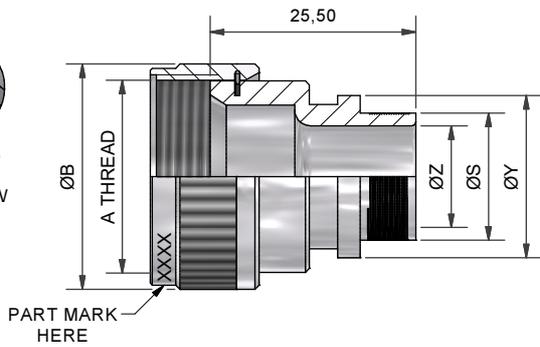 REFER TO CH00-0250-008

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-TXR54AB00-1206).
   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-81703, SERIES III, MS3424, MS3446, MS3464, MS3467, MS3468

⟨7⟩ BACKSHELL MATES TO MIL-C-5015G, MS3400 SERIES, CLASS D, E, K, L, U & W,
   MS3400, MS3401, MS3404, MS3406 MS3424, MS3446, MS3464, MS3467, MS3468,
   MS3450, MS3451, MS3454, MS3456, MS3470, MS3471, MS3472,
   MS3474, MS3475, MS3476. MIL-C-83723, SERIES II, CLASS A & L. MIL-C-83723,
   SERIES I & II, CLASS A, G, K, R & S: M83723/1, /2, /3, /4, /5, /6, /7, /8, /13,
   /14, /36, /37, /38, /39, /40, /41, /42, /43, /48, /49, /65, /66, /67, /68, /69,
   /70, /71, /72, /73, /74, /75, /76, /77, /78, /82, /83, /84, /85, /86, /87, /91, /92, /95, /97, /98,
   (MS3155 CONTROLLED INTERFACE).

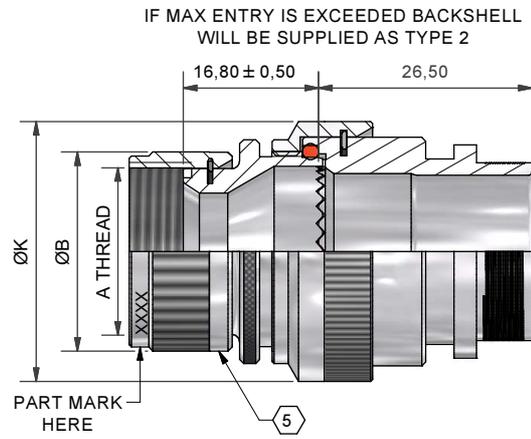⟨8⟩ THESE DIMENSIONS APPLY IF A SELF-LOCKING COUPLING NUT IS USED.

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

16,80 ± 0,50   26,50

STAINLESS
STEEL
TEETH VIEW

25,50

ØB
A THREAD

PART MARK
HERE

ØZ
ØS
ØY

STRAIGHT BACKSHELL - TYPE 1

ØK
ØB
A THREAD

PART MARK
HERE

5

STRAIGHT BACKSHELL - TYPE 2

C

D

45° BACKSHELL - TYPE 1

16,80 ± 0,50   F

G
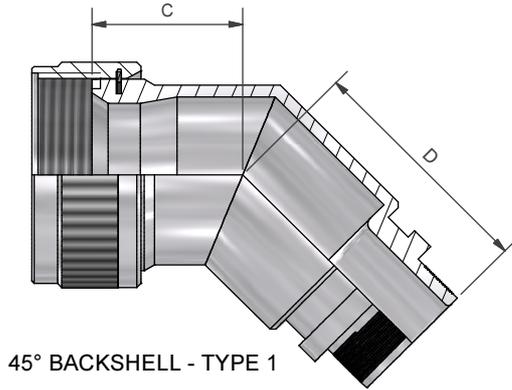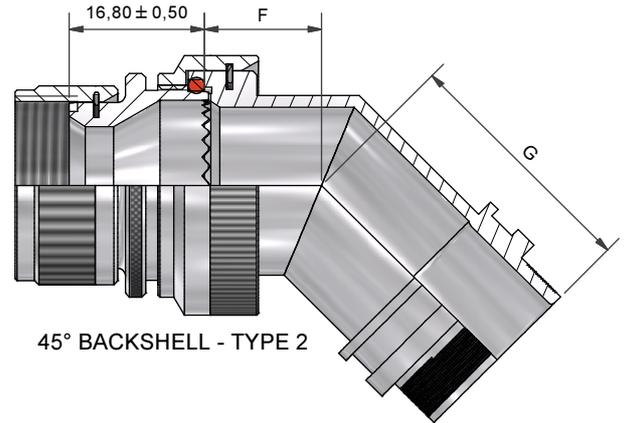
45° BACKSHELL - TYPE 2

W

T

E

90° BACKSHELL - TYPE 1

16,80 ± 0,50   M

H

J

90° BACKSHELL - TYPE 2

W

T

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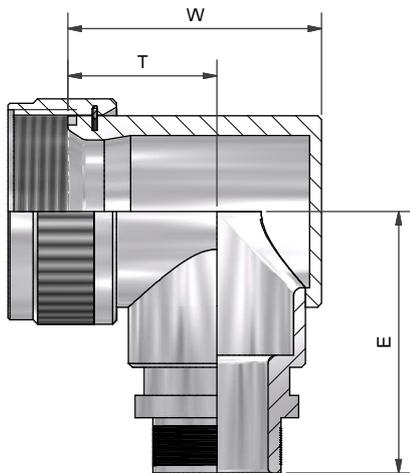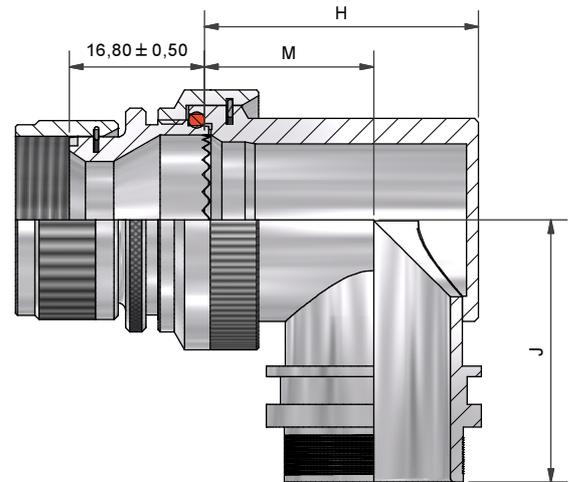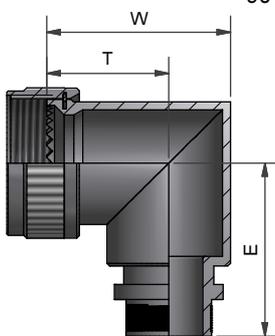
**90° BACKSHELL - TYPE 1
STAINLESS STEEL AND
NICKEL ALUMINIUM BRONZE**

16,80 ± 0,50   M

H

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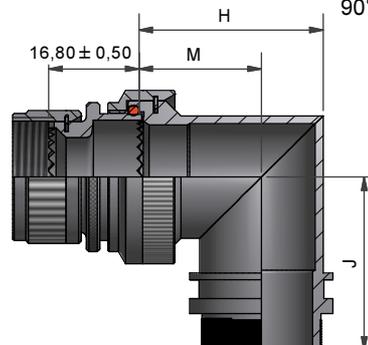
**90° BACKSHELL - TYPE 2
STAINLESS STEEL AND
NICKEL ALUMINIUM BRONZE**

DRAWN	K.WINCZURA	DATE 01/12/2014	3RD ANGLE PROJECTION NOT TO SCALE	TITLE:
CHECKED		01/12/2014		**TINEL-LOCK BACKSHELL**
APPROVED	K.SHEPPARD	04/12/2014	UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS IN MILLIMETRES GENERAL TOL LINEAR +/-0,25MM ANGULAR +/- 1°	
APPROVED				ASSY USED ON:

REVISIONS

LTR	DESCRIPTION	DATE	APPROVED
J	REVISED PER ECO-12-021161	04.12.12	G.WELLS
K	REVISED PER ECO-15-002312	13.02.15	H.SMITH

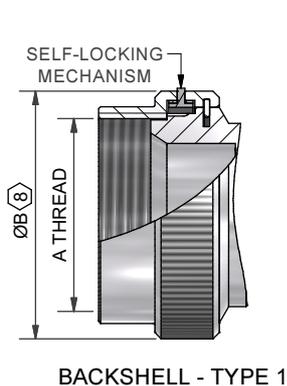**MIL-DTL-26482 SERIES II / MIL-DTL-83723 SERIES I & III**

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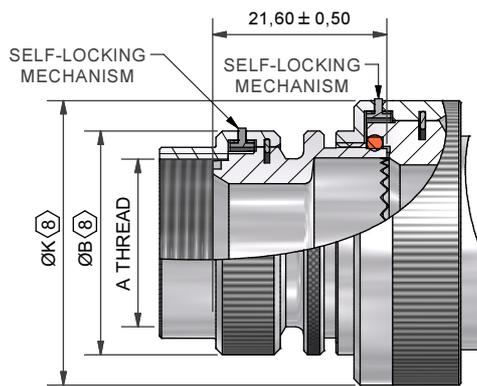POLAMCO/TE CAGE CODE: U5792

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
TXR54	K	2

MODIFICATION S
(SELF-LOCKING COUPLING NUT)

SELF-LOCKING
MECHANISM

ØB ⟨8⟩

A THREAD

BACKSHELL - TYPE 1

21,60 ± 0,50

SELF-LOCKING
MECHANISM

SELF-LOCKING
MECHANISM

ØK ⟨8⟩

ØB ⟨8⟩

A THREAD

BACKSHELL - TYPE 2

TABLE 1

ORDER NO.	SHELL SIZE ⟨6⟩	SHELL SIZE ⟨7⟩	A THREAD	ØB MAX	ØB MAX ⟨8⟩	MAX ENTRY	C ±0,5	D ±0,5	W ±0,5	T ±0,5	E ±0,5	W ±0,5	T ±0,5	E ±0,5
												THESE DIMENSIONS APPLY IF BACKSHELL IS STAINLESS STEEL OR NICKEL ALUMINIUM BRONZE		
03	3		9/16-24 UNEF	17,0	19,4	04	16,8	27,0	26,4	17,8	25,9	26,3	16,0	25,9
08		8 & 8S	1/2-20 UNF	15,6	18,0	04	16,6	26,8	24,5	17,5	26,2	22,4	17,5	26,2
10		10, 10S, 10SL	5/8-24 UNEF	18,6	21,0	06	16,8	27,5	26,5	17,8	28,0	25,0	18,8	28,0
12	7	12 & 12S	3/4-20 UNEF	21,7	25,0	08	17,3	28,0	29,0	18,7	29,5	28,3	20,4	29,5
14	12	14 & 14S	7/8-20 UNEF	24,9	28,0	08	18,1	29,0	30,5	19,0	30,3	30,4	21,5	31,0
16	19	16 & 16S	1-20 UNEF	28,2	31,0	10	19,0	29,7	34,0	21,0	32,7	33,5	23,0	32,7
18	27	18	1 1/16-18 UNEF	30,9	34,0	12	19,2	30,5	37,0	23,5	32,7	35,5	24,0	32,7
20	37	20	1 3/16-18 UNEF	34,1	36,5	14	20,1	30,9	42,0	27,0	34,3	38,8	25,7	34,3
22		22	1 5/16-18 UNEF	37,3	39,8	16	20,3	31,1	44,0	27,0	35,8	41,9	27,2	35,8
24		24	1 7/16-18 UNEF	40,4	42,0	18	21,8	32,1	45,0	27,0	37,4	44,8	28,7	37,4
28		28	1 3/4-18UNS	50,0	49,8	22	23,3	32,5	54,2	31,4	41,9	50,7	31,6	41,9
32		32	2-18 UNS	56,3	57,2	24	25,0	29,3	60,9	36,4	45,3	60,0	33,5	45,3
36		36	2 1/4-16 UN	62,7	63,6	28	26,2	30,7	67,2	38,0	48,4	65,5	36,0	48,4
40		40	2 1/2-16 UN	69,0	70,0	28	28,6	32,0	73,2	41,0	51,4	72,0	39,3	51,4
44		44	2 3/4-16 UN	75,4	75,4	28	30,1	33,7	79,5	44,1	54,6	75,5	40,8	54,6
48		48	3-16UN	81,7	81,7	28	31,3	34,9	85,8	47,2	57,7	75,5	40,8	57,7
61	61		1 1/2-18 UNEF	42,0	43,6	18	22,1	26,6	47,8	28,0	38,7	48,3	27,0	38,7

TABLE 2

ENTRY SIZE	ØZ MIN	ØS	ØY ± 0,3	ØK MAX	ØK MAX ⟨8⟩	F ±0,5	G ±0,5	H ±0,5	M ±0,5	J ±0,5	H ±0,5	M ±0,5	J ±0,5
											THESE DIMENSIONS APPLY IF BACKSHELL IS STAINLESS STEEL OR NICKEL ALUMINIUM BRONZE		
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	21,0	24,6	12,5	27,5	24,0	15,5	27,95	24,3	17,2	28,2
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
28	44,45	47,50 +/-0,08	52,00	58,5	61,0	26,9	44,4	65,5	36,5	51,1	60,3	36,5	51,1

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

TE Connectivity:

TXR54AB00-1005AI TXR54AB00-1006BI TXR54AB00-1206AI TXR54AB00-1208AI TXR54AB00-1408BI
TXR54AB00-1810AI TXR54AB00-2008AI TXR54AB00-2014BI TXR54AB00-2216AI TXR54AB00-2216BI
TXR54AB00-2412AI TXR54AB90-1206AI TXR54AC00-1005AI TXR54AC00-1405AI TXR54AB00-2206AI
TXR54AB90-0804AI TXR54AB00-0804AI TXR54AB90-1004AI TXR54AB90-1410AI TXR54AB90-2010AI
TXR54AB90-1405AI TXR54AB00-2012AI TXR54AB45-1608AI TXR54AB00-2012BI TXR54AB00-2014AI
TXR54AB00-2010AI TXR54AC00-6118AI TXR54SJ00-1608AI TXR54AB00-1608AI TXR54AB90-1608AI
TXR54AB00-1610AI TXR54AC45-2010AI TXR54AB00-1205AI TXR54AB00-1407AI TXR54AB00-1805AI
TXR54AB00-1806AI TXR54AB00-2210AI TXR54AB00-2212AI TXR54AB00-1004AI TXR54AB00-2208AI
TXR54AB90-1404AI TXR54AB90-1406AI TXR54AB90-1408AI TXR54AB90-2210AI TXR54AB90-1812AI
TXR54AB00-1408AI TXR54AB00-1204AI TXR54AB00-1406AI TXR54AB00-1404AI TXR54AA00-1206AI
TXR54AA00-1207AI TXR54AA00-1610AI TXR54SJ00-2212AI TXR54AB00-1606AI TXR54AC00-1408AI
TXR54AC00-2010AI TXR54AC00-2216AI TXR54AC90-1204AI TXR54AC00-1204AI TXR54AB90-1610AI
TXR54AA00-1208AI TXR54AB00-1206AI-CS8117 TXR54AB00-1606AI-CS8117 TXR54AC00-1610AI TXR54AC00-2014AI TXR54AA00-2014AI TXR54AA00-2216AI TXR54AB00-2208AI-CS8117 TXR54SJ00-1810AI TXR54AC00-2212AI TXR54MAB00-2216AIJ TXR54SJ00-1606BI TXR54AA00-1006AI TXR54AB00-2812AI TXR54AB90-1206BI
TXR54SC00-1404AI TXR54AC00-1406BI TXR54AB45-2210AIL TXR54AZ90-0804AI TXR54AC00-2014AIL
TXR54AB00-1005BI TXR54AB00-1208AI2 TXR54AB00-1210AI TXR54AB00-1405AI TXR54AB00-2006AI
TXR54AB00-2014AI2 TXR54AB00-2407AI TXR54AB00-2808AI TXR54AB45-2412AI TXR54AB90-1207AI
TXR54AB90-1608AI2 TXR54AB90-2008AI TXR54AB90-2414AI TXR54AB90-2812AI2 TXR54AB00-1207AI
TXR54AB00-1410AI TXR54AB00-1610BI TXR54AB00-2007AI TXR54AB00-2216AI2 TXR54AB00-2408AI