

CODE 54 - BANDING BACKSHELL

SERIES BNX54AB00-1608 -S

BNX - BAND STRAP NOT INCLUDED
BND - BAND STRAP INCLUDED
(SEE BAND TERMINATION CONFIGURATION)

CONNECTOR INTERFACE _____

MATERIAL _____
REFER TO CH00-0250-016

FINISH _____
REFER TO CH00-0250-016

ANGLE _____

ORDER NUMBER (TABLE 1) _____

ENTRY SIZE (TABLE 2) _____

BAND TERMINATION CONFIGURATION (3)(9) _____
V - ONE STEP STANDARD BAND
W - ONE STEP MICROBAND
U - TWO STEP STANDARD BAND
FOR BNX, LEAVE BLANK

OPTION FIELD SEPARATOR _____

MODIFICATION CODE _____
REFER TO CH00-0250-016 (2)

NOTES:

1. THIS PRODUCT IS DESIGNED TO TERMINATE A BRAIDED CABLE SHIELD BY MEANS OF A BAND STRAP AND A HEAT SHRINKABLE LIPPED BOOT TO A CONNECTOR.

(2) FOR ADDITIONAL DIMENSIONS, ORDERING INFORMATION AND MODIFICATIONS, SEE CH00-0250-016.

(3) SEE DRAWING BND-XXXXX FOR BAND STRAP OPTIONS, DIMENSIONS AND INFORMATION.

4. BACKSHELL TO BE PERMANENTLY MARKED WITH CODE IDENTIFICATION NUMBER AND FULL BASIC PART NUMBER (e.g. 06090-BND54AB00-1608). BACKSHELL TO BE MARKED WITH "BND" EVEN IF NO BAND IS ORDERED. THE BAND TERMINATION CONFIGURATION CODE IS FOR ORDERING INFORMATION ONLY AND IS NOT A PART MARKING REQUIREMENT.

(5) ALL ENTRY SIZES ARE SHOWN IN TABLE 2. MAXIMUM ENTRY SIZES ARE SHOWN IN TABLE 1. FOR LARGER ENTRY SIZES, A 2 PIECE BACKSHELL ASSMEBLY (TYPE 2) IS SUPPLIED. SEE CH00-0250-016 FOR FURTHER DETAILS.

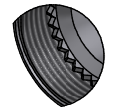
(6) BACKSHELL MATES TO MIL-DTL-81703, SERIES III, MS3424, MS3446, MS3464, MS3467, MS3468.

(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).

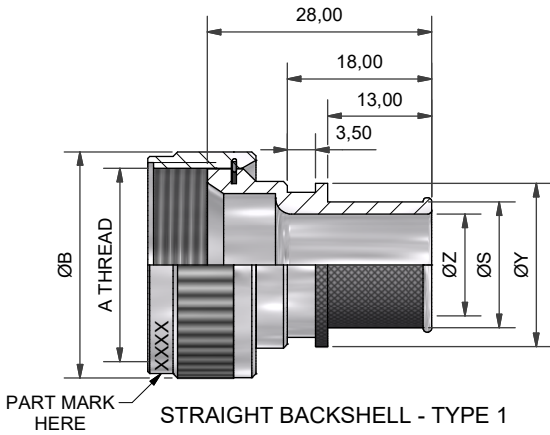
(8) THESE DIMENSIONS APPLY IF A SELF-LOCKING COUPLING NUT IS USED.

(9) V AND U BANDS ARE SUITABLE FOR ENTRY SIZES 03-24, W IS SUITABLE FOR ENTRY SIZES 03-12 ONLY. CONTACT FACTORY FOR BAND OPTIONS ON LARGER ENTRY SIZES.

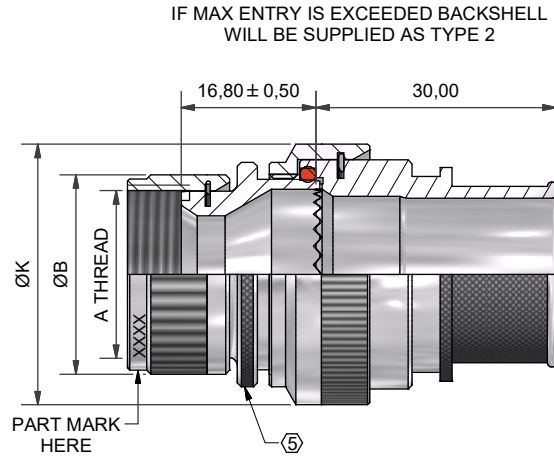
DRAWN	K.WINCZURA	DATE	17/09/2015	 3RD ANGLE PROJECTION NOT TO SCALE UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS IN MILLIMETRES GENERAL TOL LINEAR +/-0.25MM ANGULAR +/- 1°	TITLE: BANDING BACKSHELL			 Polamco 		
CHECKED		DATE	17/09/2015							
APPROVED	K.SHEPPARD	DATE	17/09/2015		ASSY USED ON: MIL-DTL-26482 SERIES II / MIL-DTL-83723 SERIES I & III					
APPROVED	H.SMITH	DATE	17/09/2015							
REVISIONS										
LTR	DESCRIPTION		DATE	APPROVED						
E	REVISED PER ECO-15-03261		17/09/2015	H.SMITH						
F	REVISED PER ECO-15-016545		17/11/2015	H.SMITH						
TE CAGE CODE: 06090 POLAMCO/TE CAGE CODE: U5792					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: BND54A	DRAWING REV: F



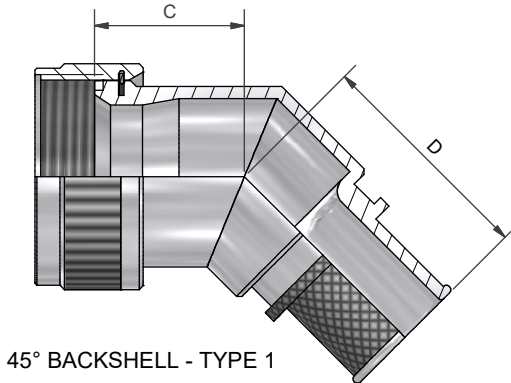
STAINLESS
STEEL
TEETH VIEW



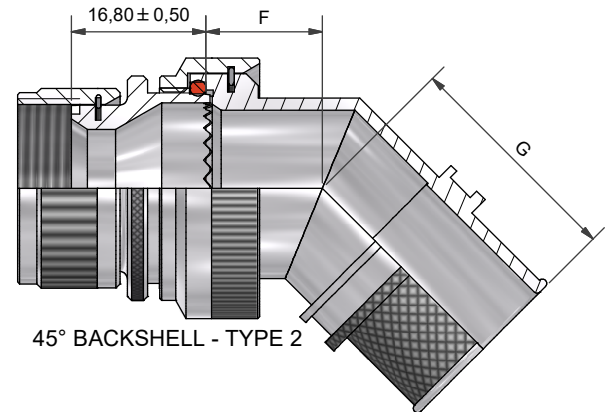
STRAIGHT BACKSHELL - TYPE 1



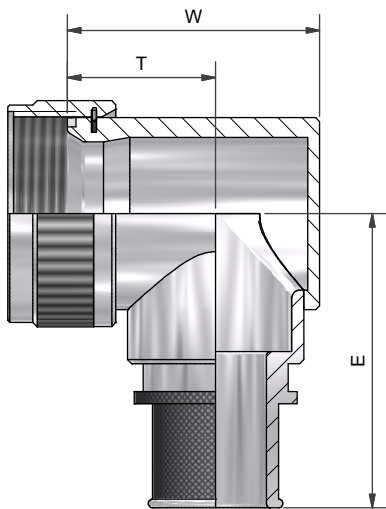
STRAIGHT BACKSHELL - TYPE 2



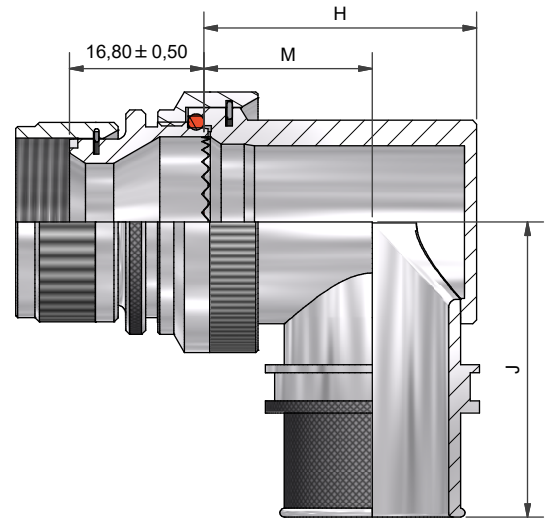
45° BACKSHELL - TYPE 1



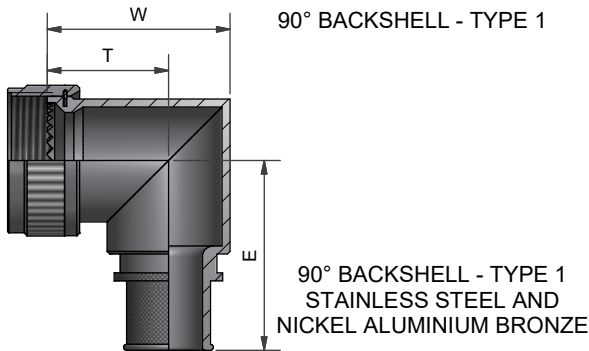
45° BACKSHELL - TYPE 2



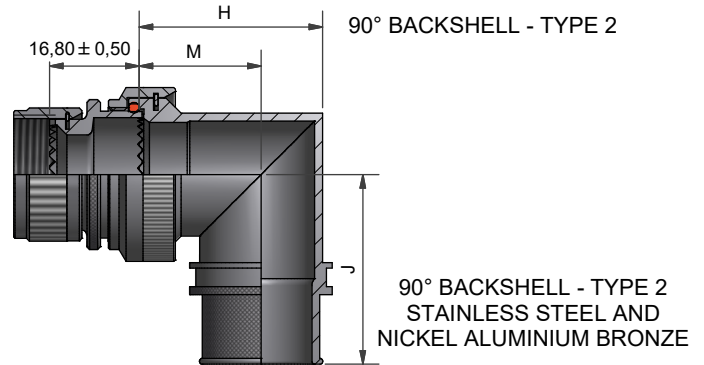
90° BACKSHELL - TYPE 1



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	17/09/2015
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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 +/-0,25MM
ANGULAR +/- 1°

TITLE:

BANDING BACKSHELL

ASSY USED ON:

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

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:
BND54A

DRAWING REV:
F

SHT
2



Polamco



MODIFICATION S (SELF-LOCKING COUPLING NUT)

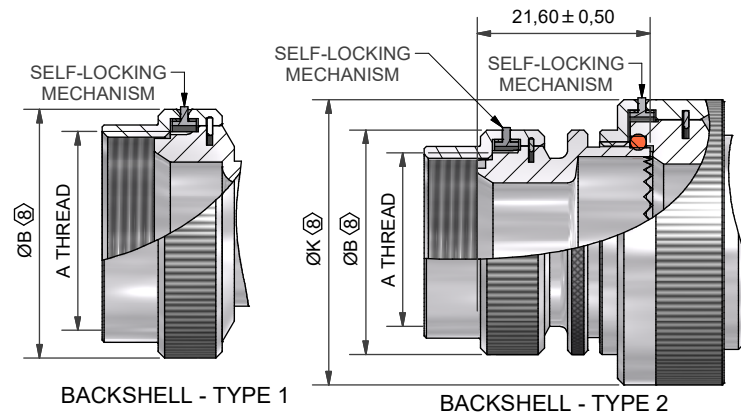


TABLE 1

ORDER NO.	SHELL SIZE		A THREAD	ØB MAX	ØB MAX (6)	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		
	(6)	(7)										W ±0,5	T ±0,5	E ±0,5
08		8 & 8S	1/2-20 UNF	15,6	18,0	04	16,6	25,1	24,5	17,5	30,0	22,4	17,5	29,0
10		10, 10S, 10SL	5/8-24 UNEF	18,6	21,0	06	16,8	26,2	26,5	17,8	32,0	25,0	18,8	30,3
12	7	12 & 12S	3/4-20 UNEF	21,7	25,0	08	17,3	26,6	29,0	18,7	33,5	28,3	20,4	31,9
14	12	14 & 14S	7/8-20 UNEF	24,9	28,0	09	18,1	27,5	30,5	19,0	35,4	30,4	21,5	33,0
16	19	16 & 16S	1-20 UNEF	28,2	31,0	11	19,0	28,3	34,0	21,0	36,7	33,5	23,0	34,5
18	27	18	1 1/16-18 UNEF	30,9	34,0	12	19,2	28,8	37,0	23,5	36,7	35,5	24,0	35,5
20	37	20	1 3/16-18 UNEF	34,1	36,5	14	20,1	29,7	42,0	27,0	38,3	38,8	25,7	37,2
22		22	1 5/16-18 UNEF	37,3	39,8	16	20,3	30,0	44,0	27,0	40,0	41,9	27,2	38,7
24		24	1 7/16-18 UNEF	40,4	42,0	18	21,8	30,9	45,0	27,0	41,6	44,8	28,7	40,2
28		28	1 3/4-18 UNS	50,0	49,8	22	23,3	31,6	54,2	31,4	45,3	50,7	31,6	43,2
32		32	2-18 UNS	56,3	57,2	26	25,0	33,2	60,9	36,4	48,1	60,0	33,5	46,0
36		36	2 1/4-16 UN	62,7	63,6	28	26,2	34,4	67,2	38,0	51,3	65,5	36,0	51,3
40		40	2 1/2-16 UN	69,0	70,0	32	28,6	35,7	73,2	41,0	54,3	72,0	39,3	54,3
44		44	2 3/4-16 UN	75,4	75,4	34	30,1	37,3	79,5	44,1	57,5	75,5	40,8	57,5
48		48	3-16UN	81,7	81,7	34	31,3	38,5	85,8	47,2	60,6	75,5	40,8	60,6
61	61		1 1/2-18 UNEF	42,0	43,6	18	22,1	30,9	47,8	28,0	43,0	48,3	27,0	43,1

TABLE 2

ENTRY SIZE	ØZ MIN	ØS MAX	ØY MAX	ØK MAX	ØK MAX (6)	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
03	4,7	7,8	14,0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
04	6,3	9,4	14,0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
05	7,9	11,0	15,5	21,0	24,6	12,5	26,2	24,0	15,5	32,0	24,3	17,2	31,2
06	9,5	12,5	17,2	21,0	24,6	12,5	26,2	24,0	15,5	32,0	24,3	17,2	31,2
07	11,1	14,1	18,7	21,0	24,6	12,5	26,2	24,0	15,5	32,0	24,3	17,2	31,2
08	12,7	15,7	20,3	24,5	28,3	13,1	26,6	27,0	17,0	33,5	28,3	19,4	33,0
09	14,2	17,3	21,9	24,5	28,3	13,1	26,6	27,0	17,0	33,5	28,3	19,4	33,0
10	15,8	18,8	23,5	29,0	32,4	13,5	27,5	31,0	19,5	35,4	31,1	21,0	34,9
11	17,4	20,5	25,1	32,5	35,6	14,5	28,3	34,0	21,0	36,7	34,2	22,8	35,5
12	19,0	22,0	26,7	32,5	35,6	14,5	28,3	34,0	21,0	36,7	34,2	22,8	35,5
13	20,6	23,6	28,3	35,5	38,5	15,5	28,8	35,0	20,0	38,3	38,5	25,3	37,2
14	22,2	25,2	29,9	35,5	38,5	15,5	28,8	35,0	20,0	38,3	38,5	25,3	37,2
15	23,8	26,8	31,5	37,0	41,7	16,1	29,7	38,0	21,5	40,0	40,7	26,1	38,7
16	25,4	28,4	33,1	37,0	41,7	16,1	29,7	38,0	21,5	40,0	40,7	26,1	38,7
18	28,6	30,0	36,3	40,0	43,9	16,5	30,0	42,0	24,0	41,6	43,7	27,6	40,2
20	31,8	34,8	39,5	43,5	47,0	17,0	30,9	45,0	25,5	43,0	46,4	29,1	44,9
22	35,0	38,0	42,7	48,5	50,0	18,5	31,3	54,5	31,0	45,1	50,0	31,0	45,1
24	38,1	41,1	45,9	52,1	56,0	21,9	32,8	58,0	33,0	51,1	53,5	33,0	51,1
26 (6)	41,3	44,3	49,1	56,6	61,3	25,7	32,8	62,5	35,0	51,1	58,0	35,0	51,1
28 (6)	44,5	47,5	52,3	63,0	64,5	26,9	33,8	65,5	34,5	54,1	61,0	34,5	54,1
30 (6)	47,6	50,7	55,6	75,5	80,2	29,2	34,4	69,0	36,0	57,4	64,5	36,0	57,4
32 (6)	50,8	53,8	58,5	75,5	80,2	29,2	34,4	72,0	37,5	57,4	67,5	37,5	57,4
34 (6)	54,0	57,0	61,8	75,5	80,2	29,2	34,4	75,5	39,0	57,4	71,0	39,0	57,4

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CHECKED		17/09/2015			BANDING BACKSHELL	
APPROVED	K.SHEPPARD	17/09/2015				
APPROVED	H.SMITH	17/09/2015				
REVISIONS					ASSY USED ON:	
LTR	DESCRIPTION	DATE	APPROVED		MIL-DTL-26482 SERIES II / MIL-DTL-83723 SERIES I & III	
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TE CAGE CODE: 06090 POLAMCO/TE CAGE CODE: U5792					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: BND54A
					DRAWING REV: F	SHT 3