

BAND (SUPPLIED FLAT) (3)(8)
(SEE PART NUMBER BREAKDOWN
FOR OPTIONS)

CODE 40 - BANDING BACKSHELL

SERIES BNX40AB00-1608 -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)(8) _____
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 MORE INFORMATION.

4. BACKSHELL TO BE PERMANENTLY MARKED WITH CODE IDENTIFICATION NUMBER AND FULL BASIC PART NUMBER (e.g. 06090-BND40AB00-1814). 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. IF MAX ENTRY IS EXCEEDED, A 2 PIECE BACKSHELL ASSEMBLY (TYPE 2) IS SUPPLIED. SEE CH00-0250-016 FOR FURTHER DETAILS.

6. BACKSHELL MATES TO MIL-DTL-38999, SERIES III AND IV, CLASS C, F, K, AND W, D38999/20, /24, /26, /40, /46 AND /47 CONNECTORS, AND WHEN SO MATED SHALL PROVIDE A WATER-TIGHT SEAL MEETING THE REQUIREMENTS OF MIL-C-85049, PARA. 3. 5. 7.

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

(8) 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 15/09/2015	 3RD ANGLE PROJECTION NOT TO SCALE
CHECKED		15/09/2015	
APPROVED	K.SHEPPARD	15/09/2015	UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS IN MILLIMETRES GENERAL TOL LINEAR +/-0.25MM ANGULAR +/- 1°
APPROVED	H.SMITH	15/09/2015	

REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED
F	REVISED PER ECO-15-010973	15/09/2015	H.SMITH
G	REVISED PER ECO-15-016545	17/11/2015	H.SMITH

TITLE:

BANDING BACKSHELL

ASSY USED ON:

MIL-DTL-38999 SERIES III & IV

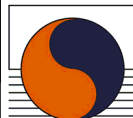
TE CONNECTIVITY - POLAMCO LTD RESERVES THE RIGHT TO AMEND THIS DRAWING AND THE INFORMATION SET FORTH HEREON AT ANY TIME. USERS SHOULD INDEPENDENTLY EVALUATE THE SUITABILITY OF THE PRODUCT FOR THEIR APPLICATION.

DRAWING NO:
BND40A

DRAWING REV:
G

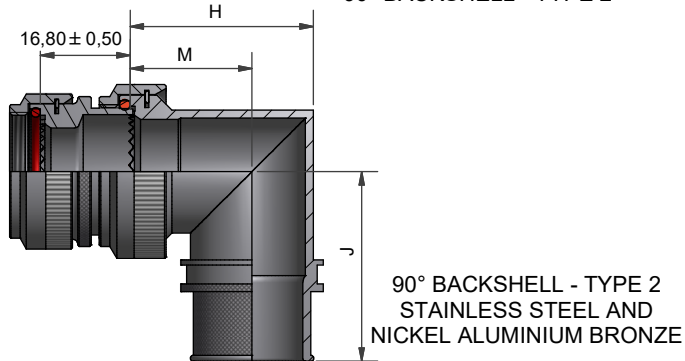
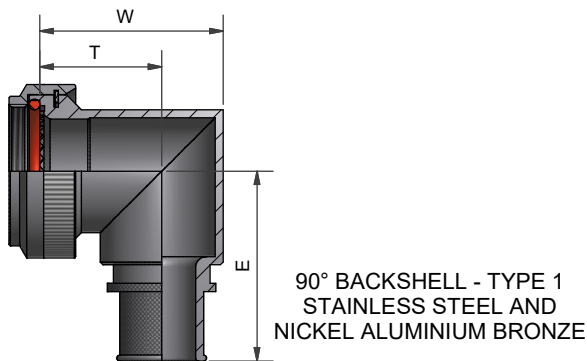
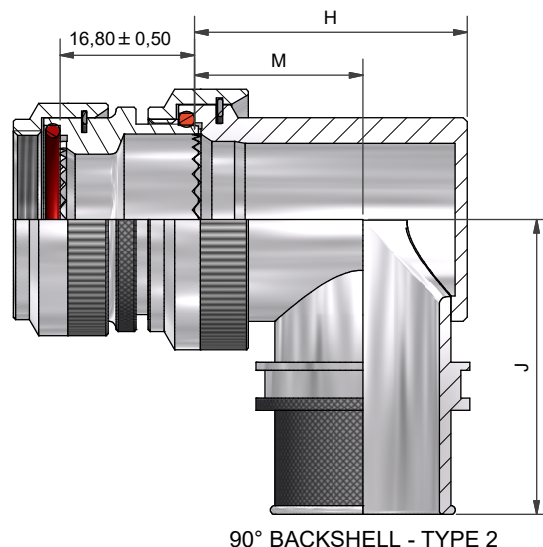
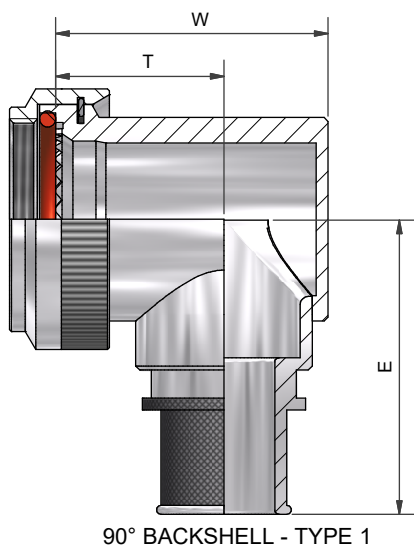
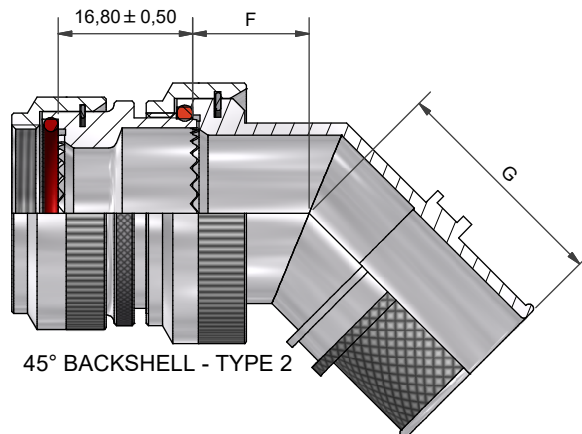
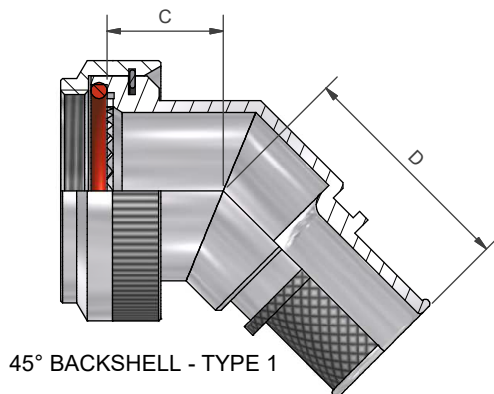
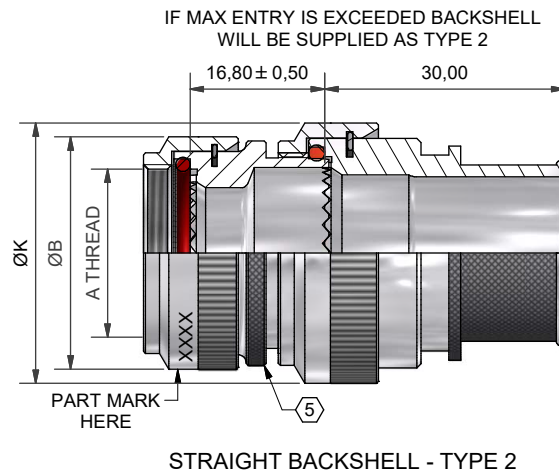
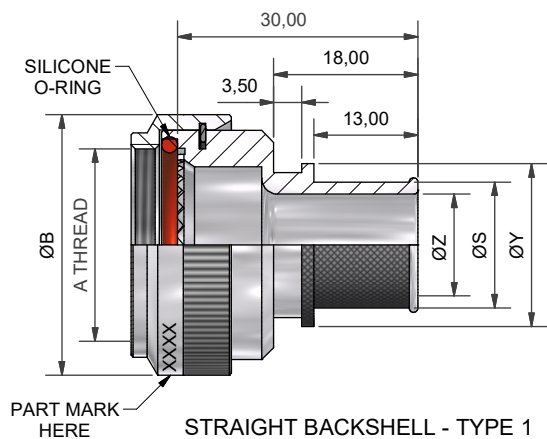
SHT
1

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



Polamco





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CHECKED		DATE	15/09/2015
APPROVED	K.SHEPPARD	DATE	15/09/2015
APPROVED	H.SMITH	DATE	15/09/2015
REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED
F	REVISED PER ECO-15-010973	15/09/2015	H.SMITH
G	REVISED PER ECO-15-016545	17/11/2015	H.SMITH
TE CAGE CODE: 06090 POLAMCO/TE CAGE CODE: U5792			

3RD ANGLE PROJECTION NOT TO SCALE		TITLE: BANDING BACKSHELL	
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS IN MILLIMETRES GENERAL TOL LINEAR +/-0.25MM ANGULAR +/- 1°		ASSY USED ON: MIL-DTL-38999 SERIES III & IV	
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: BND40A	DRAWING REV: G
		SHT 2	



MODIFICATION S (SELF-LOCKING COUPLING NUT)

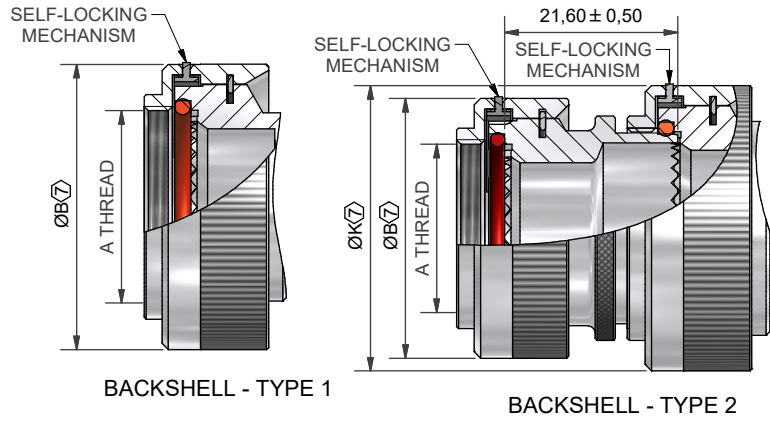


TABLE 1

ORDER NUMBER	SHELL SIZE COM'L / MIL	A THREAD	ØB MAX	ØB MAX $\overline{\text{7}}$	MAX ENTRY	C $\pm 0,5$	D $\pm 0,5$	W $\pm 0,5$	T $\pm 0,5$	E $\pm 0,5$	W $\pm 0,5$	T $\pm 0,5$	E $\pm 0,5$
08	9 / A	M12 x 1.0	18,0	21,5	04	12,0	25,1	21,0	14,0	30,0	21,2	16,3	29,0
10	11 / B	M15 x 1.0	21,0	24,6	07	12,5	26,2	24,0	15,5	32,0	24,3	17,2	31,2
12	13 / C	M18 x 1.0	24,5	28,3	09	13,1	26,6	27,0	17,0	33,5	28,3	19,4	33,0
14	15 / D	M22 x 1.0	29,0	32,4	10	13,5	27,5	31,0	19,5	35,4	31,1	21,0	34,9
16	17 / E	M25 x 1.0	32,5	35,6	12	14,5	28,3	34,0	21,0	36,7	34,2	22,8	35,5
18	19 / F	M28 x 1.0	35,5	38,5	14	15,5	28,8	35,0	20,0	38,3	38,5	25,3	37,2
20	21 / G	M31 x 1.0	37,0	41,7	16	16,1	29,7	38,0	21,5	40,0	40,7	26,1	38,7
22	23 / H	M34 x 1.0	40,0	43,9	18	16,5	30,0	42,0	24,0	41,6	43,7	27,6	40,2
24	25 / J	M37 x 1.0	43,5	47,0	20	17,0	30,9	45,0	25,5	43,0	46,4	29,1	44,9

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

TABLE 2

ENTRY SIZE	ØZ MIN	ØS MAX	ØY MAX	ØK MAX	ØK MAX $\overline{\text{7}}$	F $\pm 0,5$	G $\pm 0,5$	H $\pm 0,5$	M $\pm 0,5$	J $\pm 0,5$	H $\pm 0,5$	M $\pm 0,5$	J $\pm 0,5$
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 $\overline{\text{8}}$	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 $\overline{\text{8}}$	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 $\overline{\text{8}}$	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 $\overline{\text{8}}$	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 $\overline{\text{8}}$	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

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

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CHECKED		DATE	15/09/2015		ASSY USED ON:					MIL-DTL-38999 SERIES III & IV		
APPROVED	K.SHEPPARD	DATE	15/09/2015									
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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: BND40A	DRAWING REV: G	SHT 3

Mouser Electronics

Authorized Distributor

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TE Connectivity:

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[BNX40AB00-2210AX](#) [BND40AB00-1209A](#) [BNX40AB90-1205AX-CS9062](#) [BNX40AC90-1612AX-CS9062](#)
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