




Standard Cable Glands with Thread, Brass

Brass cable glands with lamellar clamping

- For standard industrial applications in harsh environments.
- Easy assembly.
- High quality strain relief and sealing reliable performance for standard industrial applications.
- Up-to-date international approvals

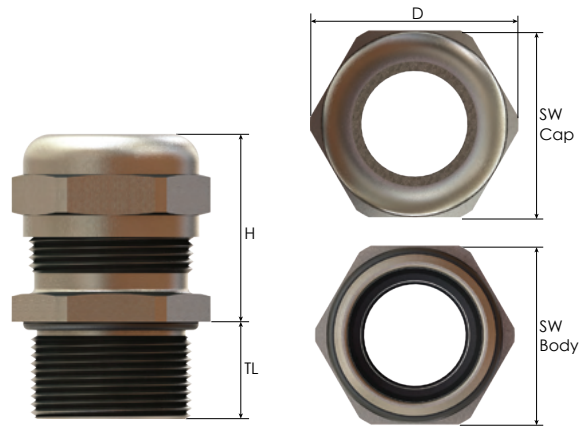
Technical Details		
Material	Body, Cap	Brass Nickel plated
	Seal	CR (Chloroprene)
	Clamping Insert	PA 6 (Polyamide 6)
	O-Ring	NBR
Ingress Protection Rating	IP 68 - 5 Bar, 30 min IP 66	
UL Environmental Rating	TYPE 4X acc. to UL 50E	
Flammability	V2 according to UL94	
Operating Temperature	Permanent	-20 °C to +100 °C
	Intermittent	-40 °C to +150 °C
Thread Type	<ul style="list-style-type: none"> • Metric EN 60423 • NPT ANSI B1.20.1 • PG DIN 40430 • Other thread types also available upon request. 	
Cable Type	Non armoured	
Accessories	<ul style="list-style-type: none"> • Lock nuts • Dome plugs • Reducing seals • Flat cable seals • Multihole seals • Gaskets (Washers) 	
Remarks	<ul style="list-style-type: none"> • In compliance with DIN EN 62444. • We recommend the use of lock nuts and gaskets to ensure IP rating for rough surfaces or through holes. • Some approvals do not cover all sizes. • O-ring available in Metric and PG outer threads. • All accessories must be ordered separately. 	
Approvals	Certificate Number	Standards
	40040034	DIN EN 62444
	E199260	UL514B UL50E CSA22.2 No 18.3-12 CSA22.2 No 94.2-15
	TAE00003WY	EN 62444

For details of approvals see our webpage.



Order Coding				
Part Number	-	Gasket (Washer)	Lock Nut	Sealing Plug
Mandatory	-	Option	Option	Option
See table	-	WC Chloroprene WS Silicone	L Lock Nut	P Dome Plug T Dust Plug
Example				
BMBE-E4	-	WC	L	P

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Thread Type **METRIC** acc. to EN 60423

Outer Thread Size (Male)	Clamping Range Ø min-max mm	Outer Thread Length TL mm	Spanner Width		Outer Ø D mm	max. Height H mm	Part Number
			Cap SW Cap mm	Body SW Body mm			
M12x1,5	2,0 - 5,0	6,0	14	14	15,5	24,0	BMBD-0S
	2,0 - 5,0	12,0	14	14	15,5	24,0	BMBE-0SR
	3,0 - 6,5	6,0	14	14	15,5	24,0	BMBC-0S
	3,0 - 6,5	12,0	14	14	15,5	24,0	BMBE-0S
M16x1,5	2,0 - 6,0	7,0	17	18	20,0	25,5	BMBD-01
	2,0 - 6,0	12,0	17	18	20,0	25,5	BMBE-01R
	3,0 - 7,0	7,0	20	20	22,0	30,5	BMBD-E1
	3,0 - 7,0	12,0	20	20	22,0	30,5	BMBE-E1R
	4,0 - 8,0	7,0	17	18	20,0	25,5	BMBC-01
	4,0 - 8,0	12,0	17	18	20,0	25,5	BMBE-01
	5,0 - 10,0	6,5	20	20	22,0	31,5	BMBC-01S
	5,0 - 10,0	7,0	20	20	22,0	30,5	BMBC-E1
	5,0 - 10,0	12,0	20	20	22,0	31,5	BMBE-01S
M20x1,5	5,0 - 9,0	8,0	22	22	24,5	28,0	BMBD-E2
	5,0 - 9,0	12,0	22	22	24,5	28,0	BMBE-E2R
	6,0 - 12,0	8,0	22	22	24,5	26,5	BMBC-02
	6,0 - 12,0	12,0	22	22	24,5	26,5	BMBE-02
	7,0 - 13,0	8,0	24	24	26,5	30,5	BMBC-E2S
	10,0 - 14,0	8,0	24	24	26,5	30,0	BMBC-02S
M25x1,5	10,0 - 14,0	12,0	24	24	26,5	30,0	BMBE-02S
	7,0 - 12,0	8,0	24	27	30,0	30,0	BMBD-03
	7,0 - 12,0	12,0	24	27	30,0	30,0	BMBE-03R
	9,0 - 16,0	8,0	30	30	33,0	35,0	BMBD-03S
	9,0 - 16,0	12,0	30	30	33,0	35,0	BMBE-03SR
	10,0 - 14,0	8,0	24	27	30,0	30,0	BMBC-03
	10,0 - 14,0	12,0	24	27	30,0	30,0	BMBE-03
	11,0 - 17,0	8,0	27	27	30,0	32,5	BMBC-E3
	11,0 - 17,0	12,0	27	27	30,0	32,5	BMBE-E3
	13,0 - 18,0	8,0	30	30	33,0	35,0	BMBC-03S
M32x1,5	13,0 - 18,0	12,0	30	30	33,0	35,0	BMBE-03S
	9,0 - 16,0	9,0	30	34	37,5	35,0	BMBD-04
	9,0 - 16,0	15,0	30	34	37,5	35,0	BMBE-04R
	12,0 - 20,0	9,0	40	40	44,5	46,0	BMBD-04S
	12,0 - 20,0	15,0	40	40	44,5	46,0	BMBE-04SR
	13,0 - 18,0	9,0	30	34	37,5	35,0	BMBC-04
	13,0 - 18,0	15,0	30	34	37,5	35,0	BMBE-04
	15,0 - 21,0	8,0	34	34	37,5	38,0	BMBC-E4
	15,0 - 21,0	15,0	34	34	37,5	38,0	BMBE-E4
M40x1,5	18,0 - 25,0	9,0	40	40	44,5	46,0	BMBC-04S
	18,0 - 25,0	15,0	40	40	44,5	46,0	BMBE-04S
	12,0 - 20,0	9,0	40	43	48,5	40,5	BMBD-05
	12,0 - 20,0	15,0	40	43	48,5	40,5	BMBE-05R
	18,0 - 25,0	9,0	40	43	48,5	40,5	BMBC-05
	18,0 - 25,0	15,0	40	43	48,5	40,5	BMBE-05
	16,0 - 23,0	9,0	43	43	48,5	45,5	BMBD-E5
	16,0 - 23,0	15,0	43	43	48,5	45,5	BMBE-E5R
	19,0 - 28,0	9,0	43	43	48,5	45,5	BMBC-E5
M50x1,5	19,0 - 28,0	15,0	43	43	48,5	45,5	BMBE-E5
	22,0 - 32,0	9,0	50	50	55,5	54,5	BMBC-05S
	22,0 - 32,0	15,0	50	50	55,5	54,5	BMBE-05S
	20,0 - 26,0	9,0	50	55	61,0	50,0	BMBD-06
	20,0 - 26,0	15,0	50	55	61,0	50,0	BMBE-06R
	22,0 - 32,0	9,0	50	55	61,0	50,0	BMBC-06
	22,0 - 32,0	15,0	50	55	61,0	50,0	BMBE-06
	27,0 - 38,0	9,0	58	58	64,0	54,0	BMBC-E6
	27,0 - 38,0	15,0	58	58	64,0	54,0	BMBE-E6
M63x1,5	34,0 - 44,0	9,0	64	64	70,0	55,0	BMBC-06S
	34,0 - 44,0	15,0	64	64	70,0	55,0	BMBE-06S
	29,0 - 35,0	10,0	64	68	75,0	56,0	BMBD-E7
	29,0 - 35,0	14,0	64	68	75,0	55,0	BMBD-07
	29,0 - 35,0	18,0	64	68	75,0	55,0	BMBE-07R
	34,0 - 44,0	10,0	64	68	75,0	55,0	BMBC-E7
	34,0 - 44,0	15,0	64	68	75,0	56,0	BMBE-E7
	34,0 - 44,0	14,0	64	68	75,0	55,0	BMBC-07
	34,0 - 44,0	18,0	64	68	75,0	55,0	BMBE-07
	37,0 - 53,0	10,0	75	75	83,0	53,0	BMBC-07S
37,0 - 53,0	18,0	75	75	83,0	53,0	BMBE-07S	

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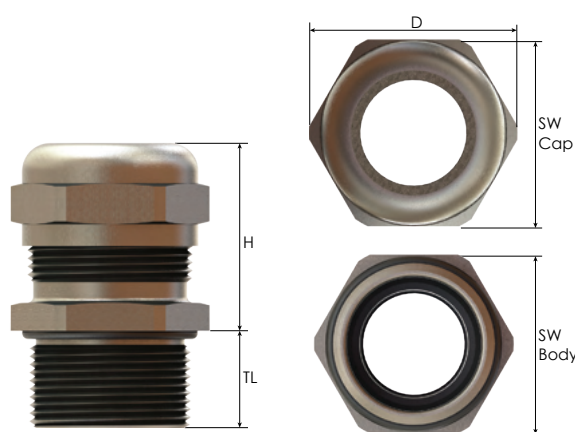
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Order Coding				
Part Number	-	Gasket (Washer)	Lock Nut	Sealing Plug
Mandatory	-	Option	Option	Option
See table	-	WC Chloroprene WS Silicone	L Lock Nut	P Dome Plug T Dust Plug
Example	-	WC	L	P

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Thread Type **NPT** acc. to ANSI B1.20.1

Outer Thread Size (Male)	Clamping Range	Outer Thread Length	Spanner Width		Outer Ø	max. Height	Part Number
			Cap	Body			
	Ø min-max mm	TL mm	SW Cap mm	SW Body mm	D mm	H mm	
NPT 3/8"	2,0 - 6,0	11,5	17	19	21,0	25,5	BNBD-01
	3,0 - 7,0	11,5	20	20	22,0	31,5	BNBD-01S
	4,0 - 8,0	11,5	17	19	21,0	25,5	BNBC-01
	5,0 - 10,0	11,5	20	20	22,0	31,5	BNBC-01S
NPT 1/2"	5,0 - 9,0	13,0	22	22	24,5	27,5	BNBD-02
	6,0 - 12,0	13,0	22	22	24,5	27,5	BNBC-02
	7,0 - 12,0	13,0	24	24	26,8	30,0	BNBD-02S
NPT 3/4"	10,0 - 14,0	13,0	24	24	26,8	30,0	BNBC-02S
	9,0 - 16,0	13,0	30	30	33,0	38,0	BNBD-03
NPT 1"	13,0 - 18,0	13,0	30	30	33,0	38,0	BNBC-03
	12,0 - 20,0	13,0	40	43	48,5	45,5	BNBD-04
NPT 1 1/4"	18,0 - 25,0	13,0	40	43	48,5	45,5	BNBC-04
	22,0 - 32,0	25,6	50	50	55,5	50,0	BNBC-05
NPT 1 1/2"	30,0 - 38,0	26,0	58	58	64,0	51,0	BNBC-06
NPT 2"	34,0 - 44,0	27,0	64	64	70,0	55,0	BNBC-07

Thread Type **PG** acc. to DIN 40430

Outer Thread Size (Male)	Clamping Range	Outer Thread Length	Spanner Width		Outer Ø	max. Height	Part Number
			Cap	Body			
	Ø min-max mm	TL mm	SW Cap mm	SW Body mm	D mm	H mm	
PG 7	2,0 - 5,0	6,0	14	14	15,5	24,0	BSBD-01
	2,0 - 5,0	10,0	14	14	15,5	24,0	BSBE-01R
	3,0 - 6,5	6,0	14	14	15,5	24,0	BSBC-01
	3,0 - 6,5	10,0	14	14	15,5	24,0	BSBE-01
PG 9	2,0 - 6,0	6,0	17	17	18,9	25,5	BSBD-02
	2,0 - 6,0	10,0	17	17	18,9	25,5	BSBE-02R
	4,0 - 8,0	6,0	17	17	18,9	25,5	BSBC-02
	4,0 - 8,0	10,0	17	17	18,9	25,5	BSBE-02
PG 11	3,0 - 7,0	6,0	20	20	22,0	28,0	BSBD-03
	3,0 - 7,0	10,0	20	20	22,0	28,0	BSBE-03R
	5,0 - 10,0	6,0	20	20	22,0	28,0	BSBC-03
	5,0 - 10,0	10,0	20	20	22,0	28,0	BSBE-03
PG 13,5	5,0 - 9,0	6,5	22	22	24,5	26,5	BSBD-04
	5,0 - 9,0	10,0	22	22	24,5	26,5	BSBE-04R
	6,0 - 12,0	6,5	22	22	24,5	26,5	BSBC-04
	6,0 - 12,0	10,0	22	22	24,5	26,5	BSBE-04
PG 16	7,0 - 12,0	6,5	24	24	26,5	30,0	BSBD-05
	7,0 - 12,0	10,0	24	24	26,5	30,0	BSBE-05R
	10,0 - 14,0	6,5	24	24	26,5	30,0	BSBC-05
	10,0 - 14,0	10,0	24	24	26,5	30,0	BSBE-05
PG 21	9,0 - 16,0	7,2	30	30	33,0	35,0	BSBD-06
	9,0 - 16,0	12,0	30	30	33,0	35,0	BSBE-06R
	13,0 - 18,0	7,2	30	30	33,0	35,0	BSBC-06
	13,0 - 18,0	12,0	30	30	33,0	35,0	BSBE-06
PG 29	12,0 - 20,0	8,0	40	40	44,5	40,5	BSBD-07
	12,0 - 20,0	12,0	40	40	44,5	40,5	BSBE-07R
	18,0 - 25,0	8,0	40	40	44,5	40,5	BSBC-07
	18,0 - 25,0	12,0	40	40	44,5	40,5	BSBE-07
PG 36	20,0 - 26,0	9,0	50	50	55,5	50,0	BSBD-08
	20,0 - 26,0	14,0	50	50	55,5	50,0	BSBE-08R
	22,0 - 32,0	9,0	50	50	55,5	50,0	BSBC-08
	22,0 - 32,0	14,0	50	50	55,5	50,0	BSBE-08
PG 42	25,0 - 31,0	12,0	58	58	64,0	51,0	BSBD-09
	25,0 - 31,0	16,0	58	58	64,0	51,0	BSBE-09R
	30,0 - 38,0	12,0	58	58	64,0	51,0	BSBC-09
	30,0 - 38,0	16,0	58	58	64,0	51,0	BSBE-09
PG 48	29,0 - 35,0	14,0	64	64	70,0	54,5	BSBD-10
	29,0 - 35,0	18,0	64	64	70,0	54,5	BSBE-10R
	34,0 - 44,0	14,0	64	64	70,0	54,5	BSBC-10
	34,0 - 44,0	18,0	64	64	70,0	54,5	BSBE-10