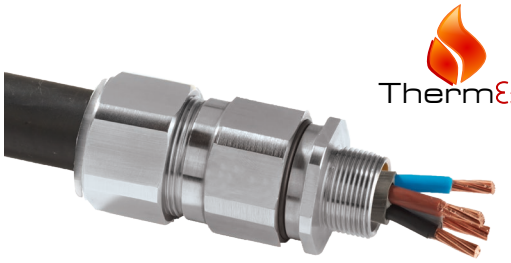

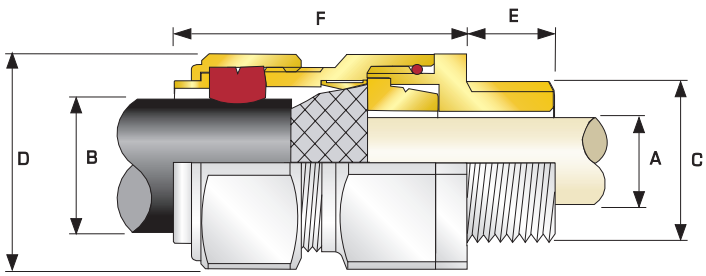

C2KHT

Ex e Exta

C2KHT Internationally Approved, Ex eb, Explosive Atmosphere Cable Gland

For all types of Armoured cables

- -20˚C to 200˚C high temperature ThermEx seals
- Metal-to-metal armour clamping
- Direct & remote installation
- Integral protected deluge seal
- Displacement type flameproof seal
- Controlled outer 'load retention' seal
- Unique OSTG prevents overtightening
- Internationally marked, IECEx & ATEX
- Superior EMC performance

CE Ex IEC IECEx

† ***Grooved Cone (X)*** *is predominantly used for Wire Braid (e.g. GSWB, TCWB), Steel Tape Armour (STA, DSTA) and Aluminium Strip Armour (ASA) but is also suitable for Single Wire Armour (SWA), Aluminium Wire Armour (AWA) and Pliable Wire Armour (PWA) if the range is outside that of the Stepped Cone (W).*

Grooved Cone (X) *dimensions shown in the Cable Gland Selection Table below are for a double wire strand of braid armour cables. Tapes can also be doubled over. For cables that have only a single layer of armour such as SWA the clamping range should be used as shown in the table below.*

Stepped (W) Cone *is suitable for Single Wire Armour (SWA), or Aluminium Wire Armour (AWA) cables.*

TECHNICAL DATA

Design Specification	BS 6121:Part 1:1989, IEC 62444, EN 62444
Mechanical Classifications*	Impact = Level 8, Cable Anchorage = Class D
Enclosure Protection	IK10 to IEC 62262 (20 joules) Brass & Stainless Steel only
Electrical Classifications*	Category B (Category A when used with braid, tape or pliable wire armour cables)
ATEX Certificate	CML 18ATEX1323X
Code of Protection	Ex II 2G, II 1D, Ex eb IIC Gb, Ex ta IIIC Da
Compliance Standards	EN 60079-0,7,31
IECEx Certificate	IECEx CML 18.0180X
Code of Protection	Ex eb IIC Gb, Ex ta IIIC Da
Compliance Standards	IEC 60079-0,7,31
Continuous Operating Temperature	-20°C to +200°C
Ingress Protection Rating**	IP66, IP67 & IP68***
Deluge Protection Compliance	DTS01 : 91
Cable Gland Material	Brass, Electroless Nickel Plated Brass, Stainless Steel, Aluminium
Seal Material	CMP SOLO LSF Halogen Free Thermoset Elastomer
Cable Type	Single Wire Armour (SWA), Aluminium Wire Armour (AWA), Pliable Wire Armour (PWA), Steel Tape Armour (STA), Wire Braid Armour (e.g. SWB), Aluminium Strip Armour (ASA), Screened Flexible (EMC) Wire Braid (e.g. CY / SY), Armoured & Jacketed
Armour Clamping	Reversible Armour Cone & AnyWay Universal Clamping Ring
Sealing Technique	Unique CMP 'LRS' Outer Seal (Load Retention Seal)
Sealing Area(s)	Cable Outer Sheath

** Mechanical & Electrical Classifications applied as per IEC 62444 & EN 62444*
*** When CMP installation accessories are used. Refer to page 7 or www.cmp-products.com for further information.*
**** IP68 tested to a minimum depth of 30 metres for 12 hours, alternate depths / durations can be provided upon request*

Cable Gland Selection Table

Refer to illustration at the top of the page.

Dimensions listed below are for metric cable glands only
Dimensions for alternative threads may vary, please see supplementary technical data sheet

Cable Gland Size	Available Entry Threads "C" (Alternate Metric Thread Lengths Available)					Cable Bedding Diameter "A"	Overall Cable Diameter "B"		Armour Range †				Across Flats "D"	Across Corners "D"	Protrusion Length "F"	Combined Ordering Reference (*Brass Metric)			Shroud	Cable Gland Weight (Kgs)
	Standard				Option				Grooved Cone (X)		Stepped Cone (W)									
	Metric	Thread Length (Metric) "E"	NPT	Thread Length (NPT) "E"	NPT	Max	Min	Max	Min	Max	Min	Max	Max	Max		Size	Type	Ordering Suffix		
20S16	M20	15.0	½"	19.9	¾"	8.7	6.1	13.1	0.3	1.0	0.8	1.25	30.5	33.6	65.0	20S16	C2KHT	1RA	PVC04	0.23
20S	M20	15.0	½"	19.9	¾"	11.7	9.5	15.9	0.3	1.0	0.8	1.25	30.5	33.6	62.0	20S	C2KHT	1RA	PVC04	0.24
20	M20	15.0	½"	19.9	¾"	14.0	12.5	20.9	0.4	1.0	0.8	1.25	30.5	33.6	63.0	20	C2KHT	1RA	PVC06	0.23
25S	M25	15.0	¾"	20.2	1"	20.0	14.0	22.0	0.4	1.2	1.25	1.6	37.5	41.3	69.5	25S	C2KHT	1RA	PVC09	0.35
25	M25	15.0	¾"	20.2	1"	20.0	18.2	26.2	0.4	1.2	1.25	1.6	37.5	41.3	69.5	25	C2KHT	1RA	PVC09	0.35
32	M32	15.0	1"	25.0	1 ¼"	26.0	23.7	33.9	0.4	1.2	1.6	2.0	46.0	50.6	75.0	32	C2KHT	1RA	PVC11	0.55
40	M40	15.0	1 ¼"	25.6	1 ½"	32.2	27.9	40.4	0.4	1.6	1.6	2.0	55.0	60.5	75.0	40	C2KHT	1RA	PVC15	0.75
50S	M50	15.0	1 ½"	26.1	2"	38.2	35.2	46.7	0.4	1.6	2.0	2.5	60.0	66.0	77.0	50S	C2KHT	1RA	PVC18	0.86
50	M50	15.0	2"	26.9	2 ½"	44.1	40.4	53.0	0.6	1.6	2.0	2.5	70.1	77.1	77.0	50	C2KHT	1RA	PVC21	1.13
63S	M63	15.0	2"	26.9	2 ½"	50.0	45.6	59.4	0.6	1.6	2.0	2.5	75.0	82.5	80.0	63S	C2KHT	1RA	PVC23	1.13
63	M63	15.0	2 ½"	39.9	3"	56.0	54.6	65.8	0.6	1.6	2.0	2.5	80.0	88.0	80.0	63	C2KHT	1RA	PVC25	1.34
75S	M75	15.0	2 ½"	39.9	3"	62.0	59.0	72.0	0.6	1.6	2.0	2.5	90.0	99.0	87.0	75S	C2KHT	1RA	PVC28	2.02
75	M75	15.0	3"	41.5	3 ½"	64.2	66.7	78.4	0.6	1.6	2.5	3.0	100.0	110.0	88.0	75	C2KHT	1RA	PVC30	2.48
90	M90	24.0	3 ½"	42.8	4"	78.6	76.2	90.3	0.8	1.6	3.15	4.0	115.0	126.5	102.0	90	C2KHT	1RA	PVC32	3.52
100	M100	24.0	3 ½"	42.8	4"	91.0	86.1	101.4	0.8	1.6	3.15	4.0	127.0	139.7	114.0	100	C2KHT	1RA	LSF33	4.58
115	M115	24.0	4"	44.0	5"	98.0	101.5	110.2	0.8	1.6	3.15	4.0	133.4	146.7	114.0	115	C2KHT	1RA	LSF34	6.50
130	M130	24.0	5"	46.8	-	115.0	110.2	123.2	0.8	1.6	3.15	4.0	152.4	167.6	114.0	130	C2KHT	1RA	LSF35	8.50

**For material options add the following suffix to the Ordering Reference; Brass (no suffix required); Nickel Plated Brass '5'; 316 Grade Stainless Steel '4'; Copper Free Aluminium '1'*
For NPT options add the following digits to the material suffix; ½" = 31; ¾" = 32; 1" = 33; 1 ¼" = 34; 1 ½" = 35; 2" = 36; 2 ½" = 37; 3" = 38; 3 ½" = 39; 4" = 310 (Brass requires prefix '0')

Examples: 32C2KHT1RA534 = Nickel Plated Brass 1¼" NPT, 50SC2KHT1RA035 = Brass 1½" NPT, 25C2KHT1RA432 = Stainless Steel ¾" NPT, 20C2KHT1RA5 = Nickel Plated Brass M20

Dimensions are displayed in millimetres unless otherwise stated