

Raxton Stopping Plugs

Technical Specification



Certifications and Compliances

Code of Protection Categories

- ATEX:** I M2 (not CY), Ex d IMb, Ex e I Mb, or II GD, Ex d IIC Gb, Ex e IIC Gb, Ex tb IIIC Db
- IECEX:** Ex d I/IIC Mb/Gb, Ex e I/IIC Mb/Gb, Ex tb IIIC Db, (Group I not for CY)
- CSA:** Ex d IIC Class 1, Zone 1, AEx d IIC (Brass and Stainless only)
- GOST:** ExdeI/IICU, ExdeIIICU, ExeIIU
- INMETRO:** Ex de I/IIC Mb/Gb, Ex tb IIIC IP66/67 (Brass and Stainless) (not CY) Ex de IIC Gb, Ex tb IIIC IP66/67 (Aluminium) Ex e IIC Gb, Ex tb IIIC IP66/67 (Nylon)
- NEPSI:** Ex d II C Gb, Ex e II C Gb, DIP A21 Ta IP6X

Compliance Standards

- ATEX / GOST:** EN 60079-0:2009, EN 60079-1: 2007, EN 60079-7: 2007, EN 60079-31:2008
- IECEX:** IEC 60079-0:2004, IEC 60079-1:2003, IEC 60079-7:2006-07
- CSA:** CAN/CSA-E79-0-95, CAN/CSA-E79-1-95, UL 2279 1997, IEC 60079-0:1998, IEC 60079-1:1998
- INMETRO:** ABNT NBR IEC 60079-0:2008, ABNT NBR IEC 60079-1:2009, ABNT NBR IEC 60079-7:2008, ABNT NBR IEC 60079-31:2011
- NEPSI:** GB 3836.1-2010, GB 3836.2-2010, GB 3836.3-2010, GB 12476.1-2000

Certificate Details

- ATEX:** Sira 10ATEX1224X
- IECEX:** IECEX SIR 07.0009X
- CSA:** CSA 200455-1003277
- GOST:** TC RUC-G B.ГБ06.B.00105
- INMETRO:** NCC 12.0764X
- NEPSI:** GYJ13.1311X

TEMPERATURE

The item is classified as a component and therefore metallic products are not given an operating temperature range.

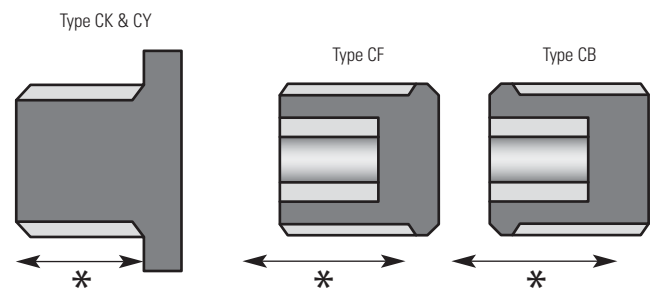
Ingress Protection (IP):

Tested to IP68



Product Dimensions

Thread	RX & Tamper-proof Allen Key Type CF & CB	Hex Head A/F (mm) Type CK & CY		
M16	6.0	19.0		
M20	10.0	23.3		
M25	10.0	28.0		
M32	10.0	37.5		
M40	19.0	47.0		
M50	19.0	56.0		
M63	19.0	70.0		
M75	19.0	80.0		



* Minimum 6 full threads parallel 5 full threads taper.

Product Codes

DIGIT 1+2	DIGIT 3	DIGIT 4 & 5 Male	DIGIT 6 & 7 Female	DIGIT 8	DIGIT 9	DIGIT 10				
Description (Stopper Plugs)	Code	Material	Code	Thread Reference	Approval	Special	Plating			
RX (External Access)	CB	BRASS	A	M16 11 ½" NPT	ATEX/IECEX/ INMETRO Ex de For other approvals please see product coding list on page 64	None (standard)	X or blank	None	Blank	
TAMPERPROOF	CF	ALUMINIUM	B	M20 12 ¾" NPT		Y	Customer Special	S	Nickel	N
HEX HEAD	CK	MILD STEEL	C	M25 13 1" NPT					Zinc	Z
HOLLOW HEX HEAD	CY	STAINLESS STEEL	E	M32 14 1¼" NPT					Chromatised	C
		GLASS FILLED NYLON	M	M40 15 1½" NPT					Special	S
				M50 16 2" NPT						
				M63 17 2½" NPT						
				M75 18 3" NPT						
				M90 81 3½" NPT						
				M100 82 4" NPT		Industrial	X or Blank			

Other sizes / threads are available on request

PRODUCT CODING EXAMPLE	Hex Head	Brass	M25(M)	-	Ex de	PART NUMBER
	CB	A	13	00	Y	= BBE1413Y

Raxton Stopping Plugs

Technical Specification



Certifications and Compliances

Code of Protection Categories

Type CQ metallic only:

- ATEX: I M2, Ex d IMb, Ex e I Mb, or II GD, Ex d IIC Gb, Ex e IIC Gb, Ex tb IIIC Db
 IECEX: Ex d I/IIC Mb/Gb, Ex e I/IIC Mb/Gb, Ex tb IIIC Db
 CSA: Ex d IIC Class 1, Zone 1, AEx d IIC
 GOST: Exdel/IICU, ExdelICU, ExellU
 INMETRO: Ex de I/IIC Mb/Gb, Ex tb IIIC IP66/67 (Brass and Stainless)
 (not CY) Ex de IIC Gb, Ex tb IIIC IP66/67 (Aluminium)
 NEPSI: Ex d II C Gb, Ex e II C Gb, DIP A21 Ta IP6X

Type CQ/CS Nylon only:

- ATEX: II 2 GD, Ex e IIC Gb, Ex tb IIIC Db (not Type CS)
 IECEX: Ex e IIC Gb, Ex tb IIIC Db
 GOST: ExellU (not Type CS)
 INMETRO: Ex e IIC Gb, Ex tb IIIC IP66/67 (Nylon)

Compliance Standards

Type CQ metallic only:

- ATEX / GOST: EN 60079-0:2009, EN 60079-1:2007, EN 60079-7:2007, EN 60079-31:2008
 INMETRO: ABNT NBR IEC 60079-0:2008, ABNT NBR IEC 60079-1:2009, ABNT NBR IEC 60079-7:2008, ABNT NBR IEC 60079-31:2011
 NEPSI: GB 3836.1-2010, GB 3836.2-2010, GB 3836.3-2010, GB 12476.1-2000
 IECEX: IEC 60079-0:2004, IEC 60079-1:2003, IEC 60079-7:2006-07
 CSA: AN/CSA-E79-0-95, CAN/CSA-E79-1-95, UL 2279, 1997, IEC 60079-0:1998, IEC60079-1:1998

Type CQ Nylon only:

- ATEX / GOST: EN 60079-0:2009, EN 60079-7:2007, EN 60079-31:2009
 INMETRO: ABNT NBR IEC 60079-0:2008, ABNT NBR IEC 60079-1:2009, ABNT NBR IEC 60079-7:2008, ABNT NBR IEC 60079-31:2011
 IECEX: IEC 60079-0:2007, IEC 60079-7:2006, IEC 60079-31:2008

Type CS only:

- IECEX: IEC 60079-0:2007-10, IEC 60079-7:2006-07, IEC 60079-31:2008

Certificate Details

Type CQ metallic only:

- ATEX: Sira 10ATEX1224X
 IECEX: IECEX SIR 07.0009X
 CSA: CSA 200455-1003277
 NEPSI: GYJ13.1311X

Type CQ Nylon only:

- ATEX: Sira 10ATEX1225X
 IECEX: IECEX SIR 12.0014X

Type CQ metallic/Nylon:

- GOST: TC RUC-G B.ГБ06.B.00105
 INMETRO: NCC 12.0764X

Type CS only:

- IECEX: IECEX LCI 08.0035X

Product Codes

DIGIT 1+2	Code	DIGIT 3	Code	DIGIT 4 & 5 Male	DIGIT 6 & 7 Female	DIGIT 8	DIGIT 9	DIGIT 10	
Description (Stopper Plugs)		Material		Thread Reference		Approval	Special	Plating	
DOME HEAD	CQ	BRASS	A	M16	11 ½" NPT	ATEX/IECEX/ INMETRO Ex de For other approvals please see product coding list on page 64	None (standard)	None	
SLOTTED HEAD	CS	ALUMINIUM	B	M20	12 ¾" NPT		Y	X or blank	Blank
		MILD STEEL	C	M25	13 1" NPT			S	Nickel
		STAINLESS STEEL	E	M32	14 1¼" NPT				Zinc
		GLASS FILLED NYLON	M	M40	15 1½" NPT				Chromatised
				M50	16 2" NPT				Special
				M63	17 2½" NPT				
				M75	18 3" NPT				
				M90	81 3½" NPT				
				M100	82 4" NPT		Industrial	X or Blank	

Other sizes / threads are available on request



Product Dimensions

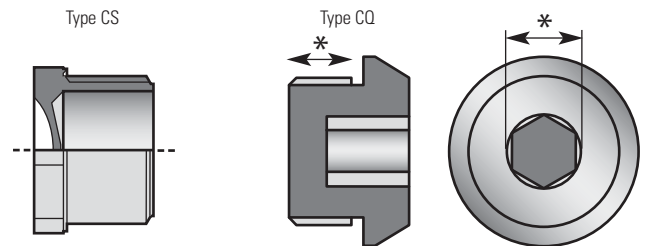
Thread	Dome Head Allen Key Type CQ	Dome Head Dia (mm) Type CQ	Slotted Head A/F (mm) Type CS
M16	6.0	20.5	19.0
M20	10.0	25.0	23.0
M25	10.0	30.0	28.0
M32	10.0	38.0	36.0
M40	19.0	46.0	44.0
M50	19.0	56.0	54.0
M63	19.0	69.0	67.0
M75	19.0	81.0	N/A

TEMPERATURE

The item is classified as a component and therefore metallic products are not given an operating temperature range.
 Nylon temperature range -20°C to 65°C, 'O' ring -30°C to 125°C.

Ingress Protection (IP):

Tested to IP68



* Minimum 6 full threads parallel 5 full threads taper

PRODUCT CODING EXAMPLE	Dome Head	Brass	M25(M)	-	Ex de	PART NUMBER
	CQ	A	13	00	Y	= CQA1300Y