

# 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

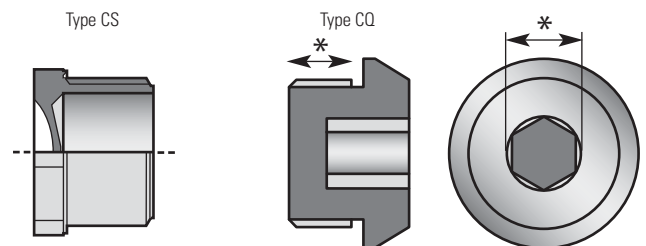
### TEMPERATURE

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