

Stopping plugs - type CK and type CY

Technical specification

The comprehensive Raxton range of stopping plugs are designed to close off any unused entries in electrical equipment, whilst maintaining existing certification and ingress protection.

Type CK hex head stopping plugs

Type CK hex head stopping plugs are inserted from the outside of the equipment and tightened by means of a spanner.

Type CY hollow hex head stopping plugs

Type CY hollow hex head stopping plugs are a hollow version of the type CK hex head plug. These are lighter and have Ex d/ Ex e certification. The type CY plug is not suitable for mining applications.

All Raxton stopping plugs are marked with the appropriate approval numbers and size.



Type CK



Type CY

Certifications and compliances



Code of protection categories

ATEX: I/II 2 GD Ex db I/II C Mb/Gb, Ex eb I/II C Mb/Gb (Gr I not for type CY)
IECEX/ INMETRO: Ex tb IIIC Db IP66

EAC: Ex d I/II C Mb/Gb, Ex e I/II C Mb/Gb, Ex tb IIIC Db IP66 (Group I not for Type CY)

CSA: CI I Zn 1 AEx db IIC Gb, Ex db IIC Gb (see certificate for threadforms & material details)

CCC: Ex d IIC Gb, Ex e IIC Gb, Ex tD A21 IP6X

Thread	Overall length A A/F (mm)	Thread length L (mm)	Head depth T (mm)
M12	14.0	15.0	3.5
M16	19.0	15.0	4.0
M20	24.0	15.0	4.0
M25	27.9	15.0	4.0
M32	37.6	15.0	4.0
M40	47.2	15.0	5.0
M50	55.9	15.0	6.0
M63	70.0	15.0	7.0
M75	80.0	15.0	8.0
M80	90.0	20.0	9.0
M90	95.0	20.0	10.0
M100	105.0	20.0	11.0

Other sizes / threads are available upon request.

Compliance standards

ATEX / EAC: EN 60079-0, EN 60079-1, EN 60079-7, EN 60079-31

IECEX: IEC 60079-0, IEC 60079-1, IEC 60079-7, IEC 60079-31

CSA: CSA-C22.2 No. 60079-0, CSA-C22.2 No. 60079-1
ANSI/UL 60079-0, ANSI/UL 60079-1 (not NPT threads for CY)

INMETRO: ABNT NBR IEC 60079-0, ABNT NBR IEC 60079-1, ABNT NBR IEC 60079-7, ABNT NBR IEC 60079-31

CCC: GB 3836.1-2010, GB 3836.2-2010, GB 3836.3-2010, GB 12476.1-2013, GB 12476.5-2013

Certificate details

ATEX: ITS16ATEX101335X

IECEX: IECEX ITS16.0012X

CSA: 200455-1003277

EAC: TC RUC-G B.MO62.B.06226

INMETRO: NCC 18.0133X

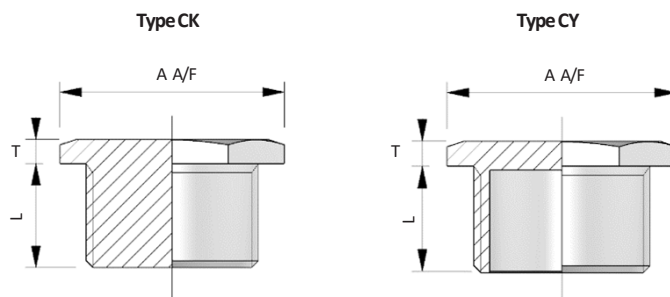
CCC: 2020322313001352

Temperature

-60°C to +200°C ; depending on O-ring or sealing washer used

Ingress protection (IP)

IP66/68 (according to manufacturer's instructions).



Stopping plugs – Product coding

DIGIT 1+2		CODE
Product	Description	
PLUGS	RX (External Accessible)	CB
	TAMPERPROOF (Internal Accessible)	CF
	HEX HEAD	CK
	HEX HEAD (Hollow)	CY
	DOME HEAD	CQ

DIGIT 3	CODE
MATERIAL	
BRASS	A
ALUMINUM	B
STEEL	C
STAINLESS STEEL	E
GLASS FILLED NYLON	M

DIGIT 8 (APPROVAL)	CODE
Exd/Exe	Y
Nylon (Exe only)	E
None	F

DIGIT 9 (Undercut)	CODE
Yes	U
None	X or Blank

DIGIT 10 (PLATING)	CODE
None	Blank
Nickel	N
Zinc	Z

Glass filled Nylon available in CQ type only

DIGIT 4+5 (Male thread)								DIGIT 6+7 (Female thread)					
THREAD REFERENCE TABLE													
ISOMETRIC		NPT		BSPT		BSPP		NPSM		PG		ET	
SIZE	CODE	SIZE	CODE	SIZE	CODE	SIZE	CODE	SIZE	CODE	SIZE	CODE	SIZE	CODE
M12	04	½"	42	½"	52	½"	62	½"	72	PG7	20	¾"	31
M16	11	¾"	43	¾"	53	¾"	63	¾"	73	PG9	21	¾"	32
M20	12	1"	44	1"	54	1"	64	1"	74	PG11	22	1"	33
M25	13	2"	47	2"	57	2"	67	2"	77	PG21	25	2"	36
M32	14	3"	49	3"	59	3"	69	3"	79	PG36	27	3"	38
M40	15	4"	87	SPECIAL	50	SPECIAL	60	4"	70	PG48	29		
M50	16	SPECIAL	40					SPECIAL	70				
M63	17												
M75	18												
M80	80												
M90	81												
M100	82												
SPECIAL	10												

NOTE: Male thread is always quoted First (Digit 4+5) followed by the Female thread (Digit 6+7)
Other threads are available, please consult the sales department
Digit 8 Approval
Digit 9: U = Undercut Otherwise Blank or use X if Plating is required
Digit 10 (Plating) is Blank if no plating is required

EXAMPLES							
Product	Material	Male thread	Female thread	Approval	Undercut	Plating	
Plug	Brass	½" NPT	N/A	Exd/Exe	None	Nickel	Part Number
CQ	A	42	00	Y	X or Blank	N	CQA4200YXN
Plug	GF Nylon	M20	N/A	Exe	Yes	None	Part Number
CQ	M	12	00	E	U	Blank	CQM1200EU