

The safety you rely on.

Introducing Crouse-Hinds by Eaton

The leader in electrical products for hazardous, industrial and commercial applications world wide.



Crouse-Hinds
by **EAT•N**

Capri - Ex Certified Adaptors / Reducers

REDUCER / ADAPTOR - METRIC - SELECTION TABLE

MALE	FEMALE												
	M12	M16	M20	M25	M32	M40	M50	M63	M75	M80	M90	M100	M110
M12	CAP745324	CAP745334	CAP741034										
M16	CAP745834	CAP740014	CAP740274	CAP741064									
M20	CAP745844	CAP740024	CAP740284	CAP740544	CAP740804								
M25	CAP746594	CAP740034	CAP740294	CAP740554	CAP740814	CAP741134							
M32	CAP746604	CAP740044	CAP740304	CAP740564	CAP740824	CAP741084	CAP741914						
M40	CAP746614	CAP740054	CAP740314	CAP740574	CAP740834	CAP741094	CAP741354	CAP743644					
M50	CAP746624	CAP740064	CAP740324	CAP740584	CAP740844	CAP741104	CAP741364	CAP741624	CAP745114				
M63	CAP746634	CAP740074	CAP740334	CAP740594	CAP740854	CAP741114	CAP741374	CAP741634	CAP741894	CAP746944			
M75	CAP746644	CAP740084	CAP740344	CAP740604	CAP740864	CAP741124	CAP741384	CAP741644	CAP741904	CAP742414	CAP745394		
M80	CAP746654	CAP746694	CAP746734	CAP746774	CAP746814	CAP746414	CAP745824	CAP745754	CAP748074	CAP742424	CAP746074	CAP746334	
M90	CAP746664	CAP746704	CAP746744	CAP746784	CAP747914	CAP746854	CAP746384	CAP745854	CAP745864	CAP745464	CAP745474	CAP745484	CAP746344
M100	CAP746674	CAP746714	CAP747894	CAP746794	CAP747924	CAP746864	CAP746394	CAP746364	CAP745874	CAP746194	CAP745914	CAP745494	CAP745554
M110	CAP746684	CAP746724	CAP747904	CAP746804	CAP747934	CAP746874	CAP746404	CAP746374	CAP746354	CAP746204	CAP745924	CAP745934	CAP745564



REDUCER / ADAPTOR - METRIC / NPT - SELECTION TABLE

MALE	FEMALE												
	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	3 1/2"	4"	
M12	CAP744104	CAP747794	CAP747804										
M16	CAP744184	CAP744194	CAP744694	CAP747814									
M20	CAP744204	CAP744214	CAP744704	CAP744964	CAP747824								
M25	CAP746884	CAP742954	CAP744714	CAP744974	CAP745234	CAP747834							
M32	CAP746894	CAP746984	CAP744724	CAP744984	CAP745244	CAP745504	CAP745764						
M40	CAP746904	CAP746994	CAP744734	CAP744994	CAP745254	CAP745514	CAP745774	CAP747844					
M50	CAP746914	CAP747004	CAP744744	CAP745004	CAP745264	CAP745524	CAP745784	CAP746044	CAP746304				
M63	CAP746924	CAP747014	CAP744754	CAP745014	CAP745274	CAP745534	CAP745794	CAP746054	CAP746314	CAP747854			
M75	CAP746934	CAP747024	CAP744764	CAP745024	CAP745284	CAP745544	CAP745804	CAP746064	CAP746324	CAP746584	CAP747864		
M80	CAP747884	CAP747034	CAP747074	CAP746514	CAP745294	CAP746474	CAP746434	CAP746114	CAP746144	CAP746184	CAP747874	CAP747874	
M90	CAP746954	CAP747044	CAP747084	CAP746524	CAP745304	CAP746554	CAP746444	CAP744284	CAP744294	CAP744304	CAP744314	CAP746264	
M100	CAP746964	CAP747054	CAP747094	CAP746534	CAP745314	CAP746564	CAP746454	CAP746124	CAP743134	CAP746034	CAP744434	CAP744444	
M110	CAP746974	CAP747064	CAP747104	CAP746544	CAP747114	CAP746574	CAP746464	CAP746134	CAP746174	CAP744514	CAP744524	CAP744534	



REDUCER / ADAPTOR - NPT / NPT - SELECTION TABLE

MALE	FEMALE												
	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	3 1/2"	4"	
1/4"	CAP744574	CAP744584	CAP747704										
3/8"	CAP745574	CAP744614	CAP744624	CAP747714									
1/2"	CAP745584	CAP745594	CAP744674	CAP745134	CAP747724								
3/4"	CAP747124	CAP745604	CAP744884	CAP745144	CAP745404	CAP747734							
1"	CAP747134	CAP747214	CAP744894	CAP745154	CAP745414	CAP745674	CAP745814						
1 1/4"	CAP747144	CAP747224	CAP744904	CAP745164	CAP745424	CAP745684	CAP745944	CAP747744					
1 1/2"	CAP747154	CAP747234	CAP744914	CAP745174	CAP745434	CAP745694	CAP745954	CAP746214	CAP747754				
2"	CAP747164	CAP747244	CAP744924	CAP745184	CAP745444	CAP745704	CAP745964	CAP746224	CAP746484	CAP747764			
2 1/2"	CAP747174	CAP747254	CAP744934	CAP745194	CAP745454	CAP745714	CAP745974	CAP746234	CAP746494	CAP746754	CAP747774		
3"	CAP747184	CAP747264	CAP744944	CAP745204	CAP746084	CAP745724	CAP745984	CAP746244	CAP746504	CAP746764	CAP744634	CAP747784	
3 1/2"	CAP747194	CAP747274	CAP747314	CAP747334	CAP746094	CAP747354	CAP746284	CAP746254	CAP745654	CAP745664	CAP744644	CAP744654	
4"	CAP747204	CAP747284	CAP747324	CAP747344	CAP746104	CAP747364	CAP746294	CAP746824	CAP746274	CAP746834	CAP745734	CAP744774	



REDUCER / ADAPTOR - NPT / ISO - SELECTION TABLE

MALE	FEMALE												
	M12	M16	M20	M25	M32	M40	M50	M63	M75	M80	M90	M100	M110
1/4"	CAP740614	CAP740624	CAP747624										
3/8"	CAP740884	CAP740894	CAP740904	CAP747634									
1/2"	CAP740914	CAP740194	CAP740454	CAP740714	CAP747644								
3/4"	CAP747374	CAP740204	CAP740464	CAP740724	CAP740984	CAP747654							
1"	CAP747384	CAP740214	CAP740474	CAP740734	CAP740994	CAP741254	CAP747664						
1 1/4"	CAP747394	CAP740224	CAP740484	CAP740744	CAP741004	CAP741264	CAP741524	CAP747674					
1 1/2"	CAP747404	CAP740234	CAP740494	CAP740754	CAP741014	CAP741274	CAP741534	CAP741794	CAP747684				
2"	CAP747414	CAP740244	CAP740504	CAP740764	CAP741024	CAP741284	CAP741544	CAP741804	CAP742064	CAP747694			
2 1/2"	CAP747424	CAP740254	CAP740514	CAP740774	CAP741144	CAP741294	CAP741554	CAP741814	CAP742074	CAP742074	CAP741154		
3"	CAP747434	CAP740264	CAP740524	CAP740784	CAP741044	CAP741304	CAP741564	CAP741824	CAP742084	CAP747594	CAP741244	CAP741314	
3 1/2"	CAP747444	CAP747464	CAP747484	CAP747504	CAP747524	CAP747544	CAP747564	CAP747584	CAP741434	CAP747604	CAP741444	CAP741454	CAP741494
4"	CAP747454	CAP747474	CAP747494	CAP747514	CAP747534	CAP747554	CAP747574	CAP742404	CAP742394	CAP747614	CAP741584	CAP741594	CAP741604



LAST CODE DIGIT 9: Stainless Steel 316L

LAST CODE DIGIT 7: Aluminium

Capri - Ex Certified Stopping Plugs

ISO - METRIC SELECTION TABLE		
STOPPING PLUG		
THREAD SIZE	E	NICKEL PLATED BRASS REFERENCE
12	17.0	CAP190124
16	17.0	CAP190164
20	17.0	CAP190204
25	17.0	CAP190254
32	17.0	CAP190324
40	17.0	CAP190404
50	17.0	CAP190504
63	17.0	CAP190634
75	17.0	CAP190754
90	22.0	CAP199904
100	22.0	CAP191004
110	22.0	CAP191014

All dimensions in mm.

NPT - SELECTION TABLE		
STOPPING PLUG		
THREAD SIZE	E	NICKEL PLATED BRASS REFERENCE
1/4"	15.5	CAP190194
3/8"	15.5	CAP190294
1/2"	20.2	CAP190394
3/4"	20.5	CAP190494
1"	25.3	CAP190594
1 1/4"	26.0	CAP190694
1 1/2"	26.5	CAP190794
2"	27.2	CAP190894
2 1/2"	40.5	CAP190994
3"	42.0	CAP191094
3 1/2"	43.2	CAP191194
4"	44.0	CAP191294

All dimensions in mm.

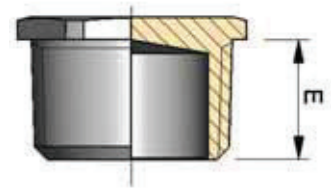


ISO - METRIC SELECTION TABLE		
STOPPING PLUG		
THREAD SIZE	E	STAINLESS STEEL 316L REFERENCE
12	17.0	CAP190129
16	17.0	CAP190169
20	17.0	CAP190209
25	17.0	CAP190259
32	17.0	CAP190329
40	17.0	CAP190409
50	17.0	CAP190509
63	17.0	CAP190639
75	17.0	CAP190759
90	22.0	CAP199909
100	22.0	CAP191009
110	22.0	CAP191019

All dimensions in mm.

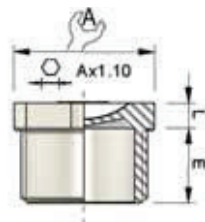
NPT - SELECTION TABLE		
STOPPING PLUG		
THREAD SIZE	E	STAINLESS STEEL 316L REFERENCE
1/4"	15.5	CAP190199
3/8"	15.5	CAP109299
1/2"	20.2	CAP190399
3/4"	20.5	CAP190499
1"	25.3	CAP190599
1 1/4"	26.0	CAP190699
1 1/2"	26.5	CAP190799
2"	27.2	CAP190899
2 1/2"	40.5	CAP190999
3"	42.0	CAP191099
3 1/2"	43.2	CAP191199
4"	44.0	CAP191299

All dimensions in mm.



ISO - METRIC SELECTION TABLE				
STOPPING PLUG				POLYAMIDE REFERENCE
THREAD SIZE	A	L	E	
12	15	4.0	15	CAP191127
16	19	4.0	15	CAP191167
20	23	4.0	15	CAP191207
25	28	5.0	15	CAP191257
32	36	5.5	15	CAP191327
40	44	5.5	15	CAP191407
50	54	6.0	16	CAP191507
63	67	6.5	17	CAP191637

All dimensions in mm.



Technical Specification



Certifications and Compliances

Code of Protection Categories

ATEX: I M2, Ex d IMb, Ex e I Mb, or II G, Ex d IIC Gb, Ex e IIC Gb, Ex tb IIIC Db
IECEX: Ex d I/IIC, Ex e I/IIC, Ex tb IIIC Db,
CSA: Ex d IIC Class 1, Zone 1, AEx d IIC (Brass and Stainless only)
GOST: Exdel/IICU, Exdel/ICU, ExelIU
INMETRO: Ex de I/IIC Mb/Gb, Ex tb IIIC Db IP66/67
NEPSI: Ex d II C Gb, Ex e II C Gb, DIP A21 Ta IP6X

Nylon Adaptors only:

ATEX: II 2 GD, Ex e IIC Gb, Ex tb IIIC Db
IECEX: Ex e IIC Gb, Ex tb IIIC Db
GOST: ExelIU
INMETRO: Ex e IIC Gb, Ex tb IIIC Db IP66/67

Compliance Standards

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
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 (Brass and Stainless only)
NEPSI: GB 3836.1-2010, GB 3836.2-2010, GB 3836.3-2010, GB 12476.1-2000

Nylon Adaptors 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

Certificate Details

ATEX: Sira 10ATEX1225X, Sira 10ATEX3335U
IECEX: IECEX SIR 07.0010X, IECEX SIR 12.0014X
CSA: CSA 200455-1003277 (Brass and Stainless only)
GOST: TC RUC-G B.ГБ06.B.00105
INMETRO: NCC 12.0764X
NEPSI: GYJ13.1313X

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.
 GF Nylon is UL rated @ H.B. @ 1.5mm.

Ingress Protection (IP):

Independently tested to IP66 / IP68 when fitted in accordance to manufacturer's instructions.

Product Codes

DIGIT 1+2 Description (Adaptors)	Code	DIGIT 3 Material	Code	DIGIT 4 & 5 Male				DIGIT 6 & 7 Female		DIGIT 8		DIGIT 9		DIGIT 10	
				Thread Reference				Approval		Special		Plating			
M-F HEX	AB	BRASS	A	M16	11	½" NPT	42	ATEX/IECEX/ INMETRO Ex de	Y	None (standard)	X or blank	None	Blank		
M-F ROUND	AJ	ALUMINIUM	B	M20	12	¾" NPT	43			Customer Special	S	Nickel	N		
		MILD STEEL	C	M25	13	1" NPT	44			For other approvals please see product coding list on page 64			Zinc	Z	
		STAINLESS STEEL	E	M32	14	1¼" NPT	45				Chromatised		C		
		GLASS FILLED NYLON	M	M40	15	1½" NPT	46				Special		S		
				M50	16	2" NPT	47								
				M63	17	2½" NPT	48								
				M75	18	3" NPT	49								
				M90	81	3½" NPT	86								
				M100	82	4" NPT	87				Industrial	X or Blank			

Other sizes / threads are available on request



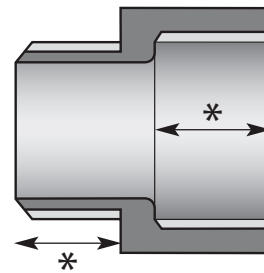
Type AB Hex

Type AJ Round

Product Dimensions

Thread	Metallic Male Thread Max Bore	Nylon Male Thread Max Bore	Metallic Thread A/F (mm)	Nylon Head Dia. (mm)
M16	11.0	8.0	20.8	24.0
M20	14.3	12.5	23.4	27.5
M25	20.5	17.5	27.9	35.5
M32	26.8	24.5	37.6	41.0
M40	33.5	32.5	47.2	50.0
M50	44.0	42.5	56.4	60.0
M63	55.2	53.0	70.1	75.0
M75	66.7	64.0	80.0	85.0
M90	80.0	76.0	105.0	100.0

Adaptors are available for up to two step sizing. e.g. M20 Male x M32 Female



* Minimum 8 full threads parallel 5 full threads taper.

PRODUCT CODING EXAMPLE	Adaptors	Brass	1" NPT(M)	M32(F)	Ex de	PART NUMBER
	AB	A	44	14	Y	= ABA4414Y

Technical Specification



Certifications and Compliances

Code of Protection Categories

ATEX: I M2, Ex d IMb, Ex e I Mb, or II G, Ex d IIC Gb, Ex e IIC Gb, Ex tb IIIC Db
IECEX: Ex d I/IIC, Ex e I/IIC, Ex tb IIIC Db
CSA: Ex d IIC Class 1, Zone 1, AEx d IIC (Brass and Stainless only)
GOST: Exdel/IICU, ExdelICU, ExeIIU
INMETRO: Ex de I/IIC Mb/Gb, Ex tb IIIC Db IP66/67
NEPSI: Ex d II C Gb, Ex e II C Gb, DIP A21 Ta IP6X

Nylon Reducers only:

ATEX: II 2 GD, Ex e IIC Gb, Ex tb IIIC Db
IECEX: Ex e IIC Gb, Ex tb IIIC Db
GOST: ExeIIU
INMETRO: Ex e IIC Gb, Ex tb IIIC Db IP66/67

Compliance Standards

ATEX / GOST: EN 60079-0:2009, EN 60079-1: 2007, EN60079-7: 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
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, IEC60079-0:1998, IEC 60079-1:1998
NEPSI: GB 3836.1-2010, GB 3836.2-2010, GB 3836.3-2010, GB 12476.1-2000

Nylon Reducers only:
ATEX / GOST: EN 60079-0:2009, EN 60079-7: 2007, EN60079-31:2009
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

Certificate Details

ATEX: Sira 10ATEX1225X, Sira 10ATEX3335U
IECEX: IECEX SIR 07.0010X, IECEX SIR 12.0014X
CSA: CSA 200455-1003277 (Brass and Stainless only)
GOST: TC RUC-G B.ГБ06.B.00105
INMETRO: NCC 12.0764X
NEPSI: GYJ13.1314X

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.
 GF Nylon is UL rated @ H.B. @ 1.5mm

Ingress Protection (IP):

Independently tested to IP66 / IP68 when fitted in accordance to manufacturer's instructions.

Product Codes

DIGIT 1+2	Code	DIGIT 3	Code	DIGIT 4 & 5 Male				DIGIT 6 & 7 Female		DIGIT 8		DIGIT 9		DIGIT 10	
Description (Adaptors)		Material		Thread Reference				Approval		Special		Plating			
M-F HEX	BB	BRASS	A	M16	11	½" NPT	42	ATEX/IECEX/ INMETRO Ex de	Y	None (standard)	X or blank	None	Blank		
M-F ROUND	BJ	ALUMINIUM	B	M20	12	¾" NPT	43			Customer Special	S	Nickel	N		
		MILD STEEL	C	M25	13	1" NPT	44			For other approvals please see product coding list on page 64			Zinc	Z	
		STAINLESS STEEL	E	M32	14	1¼" NPT	45				Chromatised		C		
		GLASS FILLED NYLON	M	M40	15	1½" NPT	46				Special		S		
				M50	16	2" NPT	47								
				M63	17	2½" NPT	48								
				M75	18	3" NPT	49								
				M90	81	3½" NPT	86								
				M100	82	4" NPT	87				Industrial	X or Blank			

Other sizes / threads are available on request

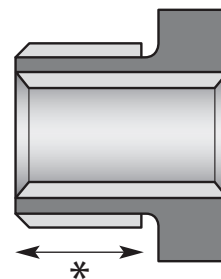


Type BB Hex

Type BJ Round

Product Dimensions

Thread	Metallic Male Thread Max Bore	Nylon Male Thread Max Bore		
M16	20.8	22.0		
M20	23.4	25.0		
M25	27.9	30.0		
M32	37.6	38.0		
M40	47.2	46.0		
M50	56.4	56.0		
M63	70.1	70.0		
M75	80.0	81.0		
M90	105.0	96.0		



* Minimum length of thread 10mm

PRODUCT CODING EXAMPLE	Reducer	Stainless Steel	M32	M25	Ex de	PART NUMBER
	BB	E	14	13	Y	= BBE1413Y

Raxton Insulated Adaptors

Technical Specification



Insulated Adaptors provide a means to isolate the earth of the supply cable from the load equipment thus reducing the risk of damage to electronic equipment within the enclosure in the event of a short circuit to ground through the enclosure.

Certifications and Compliances

Code of Protection Categories

ATEX: Ex d IIC
GOST: Ex d IICU

Compliance Standards

ATEX / GOST: EN 50014:1997, EN50018:2000,
EN 50019: 2000, EN 5081-1-1:1998

Certificate Details

ATEX: Sira 00ATEX1073U
GOST: TC RUC-G B.ГБ06.B.00105

TEMPERATURE

The item is classified as a component and is therefore not given a temperature rating.

Nylon temperature range -20°C to 130°C.

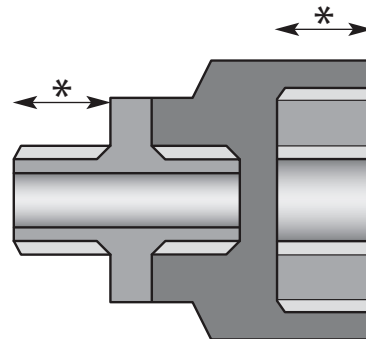
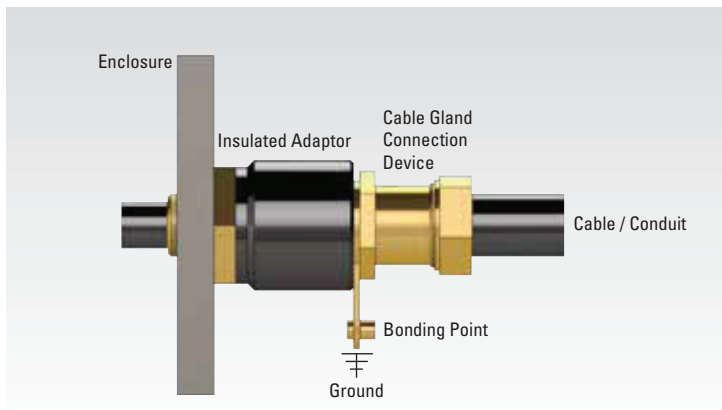
GF Nylon is UL rated @ H.B. @ 1.5mm



Type DB

Product Dimensions

Thread	Protrusion (mm)	Bore (mm)	Dia. (mm)	
M16	45.0	11.0	30.0	
M20	45.0	14.3	42.0	
M25	45.0	20.5	47.0	
M32	45.0	26.8	54.0	
M40	45.0	33.5	62.0	
M50	45.0	44.0	77.0	
M63	45.0	55.2	87.0	
M75	45.0	66.7	102.0	



* Minimum 8 full threads parallel 5 full threads taper.

Product Codes

DIGIT 1+2 Description (Adaptors)	Code	DIGIT 3 Material	Code	DIGIT 4 & 5 Male		DIGIT 6 & 7 Female		DIGIT 8 Approval	DIGIT 9		DIGIT 10		
				Thread Reference					Special		Plating		
INSULATED M-F	DB	BRASS	A	M16	11	½" NPT	42	ATEX/Ex d	D	None (standard)	X or blank	None	Blank
INSULATED M-M	DD	ALUMINIUM	B	M20	12	¾" NPT	43		R	Customer Special	S	Nickel	N
INSULATED F-F	DE	MILD STEEL	C	M25	13	1" NPT	44	For other approvals please see product coding list on page 64				Zinc	Z
			E	M32	14	1¼" NPT	45					Chromatised	C
		GLASS FILLED NYLON	M	M40	15	1½" NPT	46					Special	S
			M50	16	2" NPT	47							
			M63	17	2½" NPT	48							
		M75	18	3" NPT	49	Industrial	X or Blank						

Other sizes / threads are available on request

PRODUCT CODING EXAMPLE	Ins. Adaptors	Brass	M32(M)	M32(F)	Ex d	PART NUMBER
	DB	A	14	14	D	= DBA1414D

Raxton Male to Male / Female to Female Adaptors

Technical Specification



Certifications and Compliances

Code of Protection Categories

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
GOST: ExdIIICU
INMETRO: Ex d IIC Gb, Ex tb IIIC IP66/67

Compliance Standards

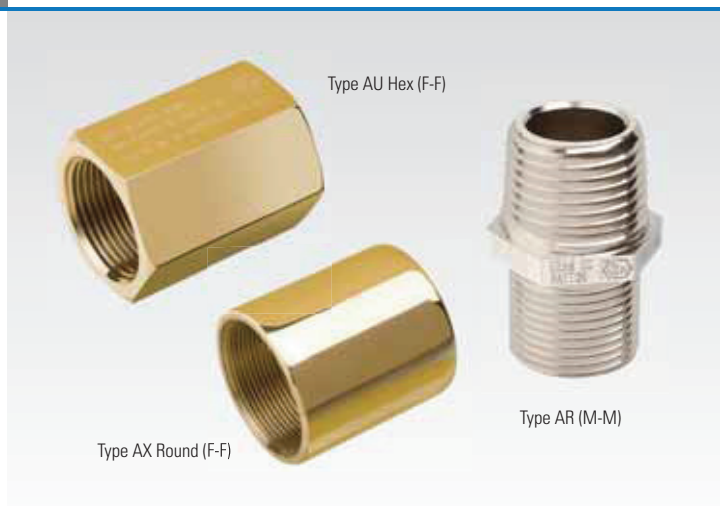
ATEX / GOST: EN 60079-0:2009, EN 60079-1:2007,
EN 60079-7: 2007, EN 60079-31:2008
INMETRO: ABNT NBR IEC 60079-0:2008, ABNT NBR IEC 60079-1:2009,
ABNT NBR IEC 60079-7:2008, ABNT NBR IEC 60079-31:2011
IECEX: IEC 60079-0:2007-10, IEC 60079-1:2007-04,
IEC 60079-7:2006-07, IEC 61241-1:2004

Certificate Details

ATEX: Sira 10ATEX1225X
IECEX: IECEX SIR 12.0014X
GOST: TC RUC-G B.ГБ06.B.00105
INMETRO: NCC 12.0764X

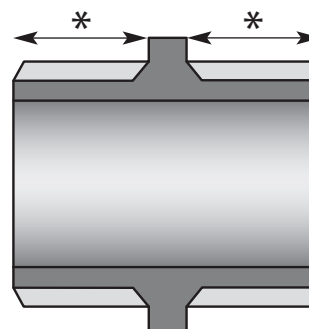
TEMPERATURE

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



Product Dimensions

Thread	Length (mm)	Bore (mm)	Dia. A/F (mm)	
M16	38.0	11.0	18.0	
M20	38.0	14.3	23.4	
M25	38.0	20.5	28.0	
M32	38.0	26.8	37.6	



* Minimum 6 full threads parallel 5 full threads taper.

Product Codes

DIGIT 1+2 Description (Adaptors)	Code	DIGIT 3 Material	Code	DIGIT 4 & 5 Male Thread Reference	DIGIT 6 & 7 Female Thread Reference	DIGIT 8 Approval	DIGIT 9 Special	DIGIT 10 Plating				
M-M	AR	BRASS	A	M16	11	½" NPT	42	None (standard)	X or blank	None	Blank	
F-F HEX	AU	ALUMINIUM	B	M20	12	¾" NPT	43	Customer Special	S	Nickel	N	
F-F ROUND	AX	MILD STEEL	C	M25	13	1" NPT	44	For other approvals please see product coding list on page 64		Zinc	Z	
		STAINLESS STEEL	E	M32	14	1¼" NPT	45				Chromatised	C
		GLASS FILLED NYLON	M	M40	15	1½" NPT	46				Special	S
				M50	16	2" NPT	47					
				M63	17	2½" NPT	48					
				M75	18	3" NPT	49	Industrial	X or Blank			

PRODUCT CODING EXAMPLE	M-M Adp	Brass	M20(M)	M20(F)	Ex de	PART NUMBER
	AR	A	12	12	Y	= ARA1212Y

Raxton Right Angle Adaptors

Technical Specification



Right Angle Adaptors provide a means of connection where protrusion space is limited, whilst simultaneously if necessary, converting the entry thread to that of a different type or reducing size and/or gender of the female thread.

Certifications and Compliances

Code of Protection Categories

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

GOST: ExdIIICU

INMETRO: Ex d IIC Gb, Ex tb IIIC IP66/67

Compliance Standards

ATEX / GOST: EN 60079-0:2009, EN60079-1:2007, 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

IECEX: IEC 60079-0:2007-10, IEC 60079-1:2007-04, IEC 60079-7:2006-07, IEC 61241-1:2004

Certificate Details

ATEX: Sira 10ATEX1228U

IECEX: IECEX SIR 09.0086U

GOST: TC RUC-G B.ГБ06.B.00105

INMETRO: NCC 12.0764X

TEMPERATURE

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

*M20 and M25 may be supplied as Option A or B

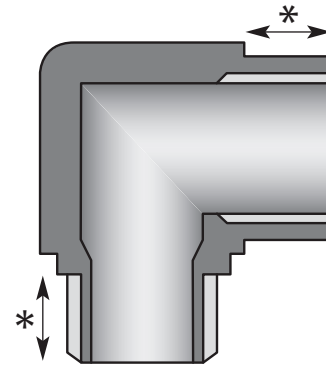
Ingress Protection (IP):

Independently tested to IP66 / IP68 when fitted in accordance to manufacturer's instructions.



Product Dimensions

Thread	Height Assembly (mm)	Bore (mm)	Male Bore Size (mm)	Option Available
M16	45.0	11.0	9.0	A
M20	51.0	14.3	15.0	A or B
M25	57.0	20.5	20.8	A or B
M32	66.0	26.8	26.8	A
M40	75.0	33.5	33.5	A
M50	86.0	44.0	44.0	A
M63	101.5	55.2	55.0	A
M75	119.0	66.7	66.5	A



* Minimum 8 full threads parallel 5 full threads taper.

Product Codes

DIGIT 1+2 Description (Adaptors)	Code	DIGIT 3 Material	Code	DIGIT 4 & 5 Male Thread Reference	DIGIT 6 & 7 Female Thread Reference	DIGIT 8 Approval	DIGIT 9 Special	DIGIT 10 Plating					
RIGHT ANGLE M-F	FG	BRASS	A	M16	11	1/2" NPT	42	ATEX/IECEX/ INMETRO Ex de	Y	None (standard)	X or blank	None	Blank
RIGHT ANGLE F-F	FN	ALUMINIUM	B	M20	12	3/4" NPT	43	For other approvals please see product coding list on page 64		Customer Special	S	Nickel	N
RIGHT ANGLE M-M	FK	MILD STEEL	C	M25	13	1" NPT	44			Round Design	C	Zinc	Z
		STAINLESS STEEL	E	M32	14	1 1/4" NPT	45					Chromatised	C
				M40	15	1 1/2" NPT	46					Special	S
				M50	16	2" NPT	47						
				M63	17	2 1/2" NPT	48						
				M75	18	3" NPT	49						
				M90	81	3 1/2" NPT	86						
				M100	82	4" NPT	87	Industrial	X or Blank				

Other sizes / threads are available on request

PRODUCT CODING EXAMPLE	R.A. M-F	Brass	M20(M)	M20(F)	Ex de	PART NUMBER
	FG	A	12	12	Y	= FGA1212Y

Raxton Swivel Adaptors

Technical Specification



The 90° Swivel Adaptor (Types FP, FQ, FR) has been designed to allow a full 360° choice of cable entry/exit positions. This enables the installer to run the cable in any direction which greatly improves ease of installation in confined or difficult situations. The cable entry/exit can be aligned without the over or under torque compromise imposed by the direction of the cable. The Inline type (Types FA, FC, FD) allows independent connection at both ends.

Certifications and Compliances

Code of Protection Categories

ATEX: I M2, Ex d IMb, Ex e I Mb, (not Alum) or IIGd Ex d IIC Gb, Ex e IIC Gb, Ex tb IIIC Db
IECEX: Ex d Ex e IIC Gb, Ex d Ex e IM (Not Alum), Ex tb IIIC Db, IP 6X
INMETRO: Ex d IIC Gb, Ex e IIC Gb, Ex d I Mb, Ex e Mb, Ex tb IIIC Db IP6X

Compliance Standards

ATEX: EN 60079-0:2009, EN60079-1:2007, 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
IECEX: IEC 60079-0:2007, IEC 60079-1:2007, IEC 60079-7:2006, IEC 60079-31:2008

Certificate Details

ATEX: Sira 10ATEX1056U
IECEX: IECEX SIR 10.0025U
INMETRO: NCC 12.0764X

TEMPERATURE

Temperature range: -50°C to +180°C

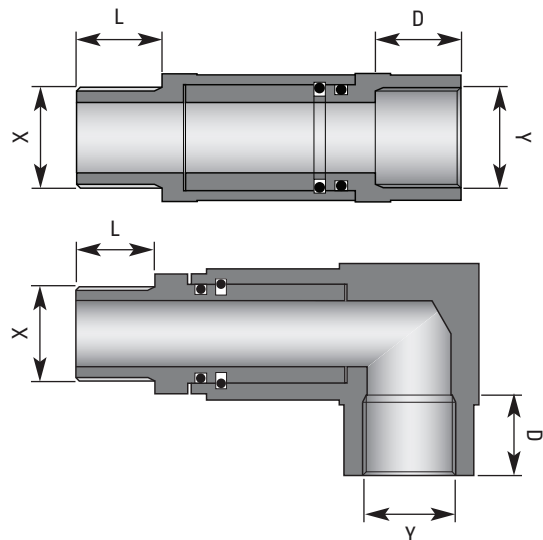
Ingress Protection (IP):

Independently tested to IP66 / IP68 when fitted in accordance to manufacturer's instructions.



Product Dimensions

Thread X	Thread Y	Length (L) (mm)	Depth (D) (mm)	Min Wall (mm)
M16	M20	17.0	17.0	2.25
M25	M25-M20	17.0	17.0	2.75
M32	M32-M20	17.0	17.0	3.00
M40	M40-M20	17.0	17.0	3.00
M50	M50-M20	17.0	17.0	3.00
M63	M63-M20	17.0	17.0	3.25
M75	M75-M20	17.0	17.0	3.25



Product Codes

DIGIT 1+2	DIGIT 3	DIGIT 4 & 5 Male	DIGIT 6 & 7 Female	DIGIT 8	DIGIT 9	DIGIT 10			
Description (Swivel Adaptors)	Code	Material	Code	Thread Reference	Approval	Special	Plating		
SWIVEL INLINE M-F	FA	BRASS	A	M16 11 ½" NPT 42	ATEX/IECEX/ INMETRO Ex de For other approvals please see product coding list on page 64	None (standard)	X or blank	None	Blank
SWIVEL INLINE F-F	FC	ALUMINIUM	B	M20 12 ¾" NPT 43		Customer Special	S	Nickel	N
SWIVEL INLINE M-M	FD	MILD STEEL	C	M25 13 1" NPT 44				Zinc	Z
SWIVEL 90° M-F	FP	STAINLESS STEEL	E	M32 14 1¼" NPT 45				Chromatised	C
SWIVEL 90° F-F	FQ			M40 15 1½" NPT 46				Special	S
SWIVEL 90° M-M	FR			M50 16 2" NPT 47					
				M63 17 2½" NPT 48					
				M75 18 3" NPT 49					
		M90 81 3½" NPT 86							
		M100 82 4" NPT 87		Industrial		X or Blank			

Other sizes / threads are available on request

PRODUCT CODING EXAMPLE	Swivel	Brass	1" NPT(M)	M32(F)	Ex de	PART NUMBER
	FA	A	44	14	Y	= FAA4414Y

Raxton 'Y' and 'T' Adaptors

Technical Specification



'Y' (Type YA) and 'T' (Type TA) Adaptors provide an opportunity for two entries where pre-machine entries are limited, and to also change threadform or to different sizes.

Certifications and Compliances

Code of Protection Categories

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

Compliance Standards

ATEX: EN 60079-0:2009, EN 60079-1:2007, EN 60079-7:2007, EN60079-31:2008

IECEX: IEC 60079-0: 2007-10, IEC 60079-1: 2007-04, IEC 60079-7: 2006-07, IEC 61241-1: 2004

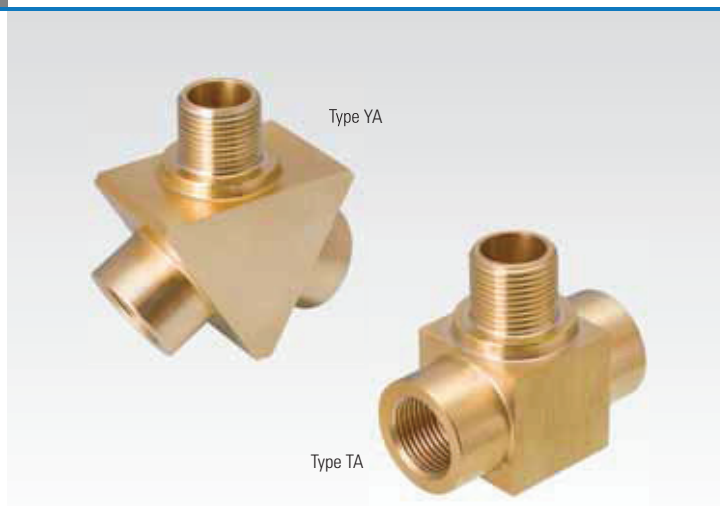
Certificate Details

ATEX: Sira 10ATEX1056U

IECEX: IECEX SIR 10.0025U

TEMPERATURE

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



Product Dimensions - 'Y' Adaptor

Thread	Overall Length (mm)	Angle Between Entries		
M20	70.00	120° each		
M25	80.00	120° each		
M32	85.00	120° each		

Product Dimensions - 'T' Adaptor

Thread	Female Size Range	Height (Single Entry to base - mm)	Length (Entry to Entry - mm)
M16	M12 - M20	45.00	55.00
M20	M12 - M25	51.00	60.00
M25	M12 - M32	57.00	65.00
M32	M12 - M40	66.00	72.00
M40	M12 - M50	75.00	80.00
M50	M12 - M63	86.00	90.00
M63	M12 - M75	101.50	105.00
M75	M12 - M90	119.00	120.00



Product Codes

DIGIT 1+2	DIGIT 3	DIGIT 4 & 5 Male	DIGIT 6 & 7 Female	DIGIT 8	DIGIT 9	DIGIT 10						
Description (Adaptors)	Code	Material	Code	Thread Reference	Approval	Special	Plating					
'Y' ADAPTORS M-F/F	YA	BRASS	A	M12 04	M12 04	ATEX Exde	A	None (standard)	X or blank	None	Blank	
'T' ADAPTORS M-F/F	TA	MILD STEEL	C	M16 11	M16 11	IECEX Exde	R	Customer Special	S	Nickel	N	
		STAINLESS STEEL	E	M20 12	M20 12	For other approvals please see product coding list on page 64				Zinc	Z	
				M25 13	M25 13						Chromatised	C
				M32 14	M32 14						Special	S
				M40 15	M40 15							
				M50 16	M50 16							
				M63 17	M63 17							
				M75 18	M75 18							
				M90 81	M90 81	Industrial	X or Blank					

Other sizes / threads are available on request

PRODUCT CODING EXAMPLE	'Y' M-F	Brass	M20(M)	M25(F)	Ex de	PART NUMBER
	YA	A	12	13	A	= YAA1213

Raxton Earth Lead Adaptors & Threaded Earth Plates

Technical Specification



Earth Lead Adaptors (Type DG) allow for earth continuity to be maintained by providing an earth lead which can be terminated inside the enclosure.

Threaded earth plates (Type DK) are designed to ensure earth continuity when terminating brass glands into non-metallic enclosures. The additional use of a locknut is recommended to ensure pressure is maintained with the wall enclosure.

Certifications and Compliances - Earth Lead Adaptors

Code of Protection Categories

ATEX: I M2, Ex e I Mb or II G D, Ex e IIC Gb, Ex IIIC tb Db

IECEX: Ex d I/IIC Mb/Gb, Ex E I/IIC Mb/Gb, Ex IIIC tb Db

GOST: ExellU

INMETRO: Ex e IIC Gb, Ex tb IIIC IP66/67

Compliance Standards

ATEX / GOST: EN 60079-0:2009, 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

IECEX: IEC 60079-0:2007-10, IEC 60079-1:2007-04,

IEC 60079-7:2006-07, IEC 61241-1:2004

Certificate Details

ATEX: Sira 10ATEX1225X

IECEX: IECEX SIR 12.0014X

GOST: TC RUC-G B.ГБ06.B.00105

INMETRO: NCC 12.0764X

TEMPERATURE

The item is classified as a component and is therefore not given a temperature rating, The 'O' ring has an operating temperature of -30°C to 125°C.

Certifications and Compliances - Threaded Earth Plates

Code of Protection Categories

ATEX: II 2GD, Ex e II

Compliance Standards

ATEX EN 50014:1997, EN50018:2000,

EN 50019:2000, EN50281-1-1:1998

Certificate Details

ATEX: Sira 00ATEX1073U

TEMPERATURE

The item is classified as a component and is therefore not given a temperature rating.

Product Codes

DIGIT 1+2	DIGIT 3	DIGIT 4 & 5 Male	DIGIT 6 & 7 Female	DIGIT 8	DIGIT 9	DIGIT 10	
Description (Earth Accessories)	Code	Material	Code	Thread Reference	Approval	Special	Plating
ADAPTOR M-F	DG	BRASS	A	M16 11 ½" NPT	ATEX Exe	None (standard)	None
PLATE	DK	ALUMINIUM	B	M20 12 ¾" NPT	IECEX Exe I/II	Customer Special	Nickel
		MILD STEEL	C	M25 13 1" NPT	For other approvals please see product coding list on page 64		Zinc
		STAINLESS STEEL	E	M32 14 1¼" NPT			Chromatised
				M40 15 1½" NPT			Special
				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 Dimensions - Earth Lead Adaptors

Earth Lead Adaptor	Length (mm)	Earth Lead x 300mm (mm2)
M16	38.0	2.5
M20	38.0	2.5
M25	38.0	4.0
M32	38.0	6.0
M40	39.0	10.0
M50	39.0	16.0
M63	39.0	25.0
M75	39.0	25.0

Product Dimensions - Threaded Earth Plates

Thread Earth Plate	Length (mm)	Earth Lead x 300mm (mm2)
M16	22.0	2.5
M20	30.0	2.5
M25	32.0	4.0
M32	38.0	6.0
M40	50.8	10.0
M50	63.5	16.0
M63	76.0	25.0
M75	102.0	25.0

PRODUCT CODING EXAMPLE

EL Adaptor	Brass	M20(M)	M20(F)	Ex e	PART NUMBER
DG	A	12	12	E	= DGA1212E

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:	Ex del/IICU, Ex dell/ICU, Ex ell/IIU
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.

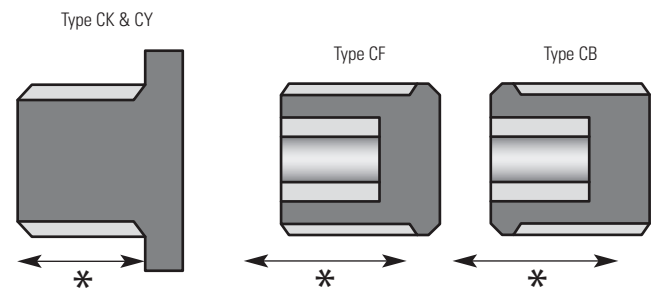
Ingress Protection (IP):

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	42	None (standard)	X or blank	None	Blank	
TAMPERPROOF	CF	ALUMINIUM	B	M20 12 ¾" NPT	43	Customer Special	S	Nickel	N	
HEX HEAD	CK	MILD STEEL	C	M25 13 1" NPT	44	For other approvals please see product coding list on page 64		Zinc	Z	
HOLLOW HEX HEAD	CY	STAINLESS STEEL	E	M32 14 1¼" NPT	45				Chromatised	C
		GLASS FILLED NYLON	M	M40 15 1½" NPT	46				Special	S
				M50 16 2" NPT	47					
				M63 17 2½" NPT	48					
				M75 18 3" NPT	49					
				M90 81 3½" NPT	86					
				M100 82 4" NPT	87	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

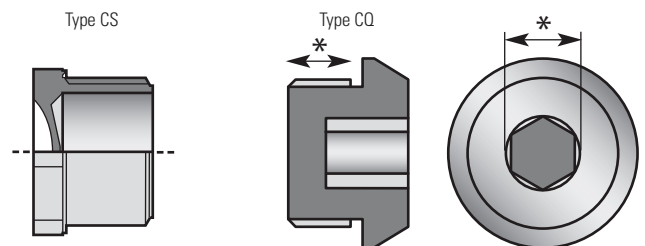
TEMPERATURE

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

Raxton Breather Drains

Technical Specification



The Exde (Type CT) and the Exe (Type CV) effectively drain moisture from an enclosure and allow air from the enclosure to vent into the surrounding atmosphere thereby minimising moisture build up.

Certifications and Compliances

Code of Protection Categories

Type CT Breather Drain Plugs

ATEX: II 2 GD, 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, IP 6X

Type CV Breather Drain Plugs

ATEX: I M2, Ex e I Mb or II GD, Ex e IIC Gb, Ex tb IIIC Db.

Nylon: - II 2 GD, Ex e II only.

IECEX: Ex e IIC Mb/Gb, Ex IIIC tb Db (metallic only)

GOST: ExdeIIICU, ExeIIU. Nylon: - ExeIIU only.

INMETRO: BR-Ex e I/IIC Gb, BR-Ex tD A21, IP 66

Compliance Standards

Type CT Breather Drain Plugs

ATEX / INMETRO / GOST: EN 60079-0:2007, EN 60079-1:2007,

EN 60079-7:2007, EN 61241-0:2006

EN 61241-1:2004

IECEX: IEC 60079-0:2007-10, IEC 60079-1:2007-04,

IEC 60079-7:2006-07, IEC 61241-1:2004

Type CV Breather Drain Plugs

ATEX / INMETRO / GOST: EN 60079-0:2009, EN 60079-1:2007,

EN 60079-7:2007, EN 60079-31:2008

(Metallic only); EN 50014:1997,

EN 50019:1994, EN 50281-1-1:1998 (Nylon only)

IECEX: IEC 60079-0:2007-10, IEC 60079-7:2006-07, IEC 61241-1:2004

(Metallic only)

Certificate Details

ATEX: (CV) Sira 10ATEX3279U

(CT) ITS 13ATEX17782X

IECEX: (CV) IECEX SIR 09.0096U

(CT) IECEX ITS 13.0018X

GOST: POCC GB. 06.B01060

INMETRO: (CV) NCC 12.0926X

(CT) NCC 12.0927X

TEMPERATURE

The Exde Type CT Breather/Drain plug: -50°C to 230°C.

The Exe Breather/Drain plug is classified as a component and therefore metallic products are not given an operating temperature.

Nylon temperature range -20°C to 65°C, 'O' ring -30°C to 125°C.

Ingress Protection (IP):

Tested to IP66

Product Codes

DIGIT 1+2 Description (Breather Drains)	Code	DIGIT 3 Material	Code	DIGIT 4 & 5 Male		DIGIT 6 & 7 Female		DIGIT 8 Approval	DIGIT 9 Special	DIGIT 10 Plating			
				Thread Reference						None	Blank		
B.DRAIN Ex de	CT	BRASS	A	M16	11	½" NPT	42	ATEX Exde	A	None (standard)	X or blank	None	Blank
B.DRAIN Ex e	CV	STAINLESS STEEL	E	M20	12	¾" NPT	43	IECEX Exde	R	Customer Special	S	Nickel	N
		GLASS FILLED NYLON	M	M25	13	1" NPT	44					Zinc	Z
				M32	14							Chromatised	C
								Industrial	X or Blank			Special	S

Other sizes / threads are available on request

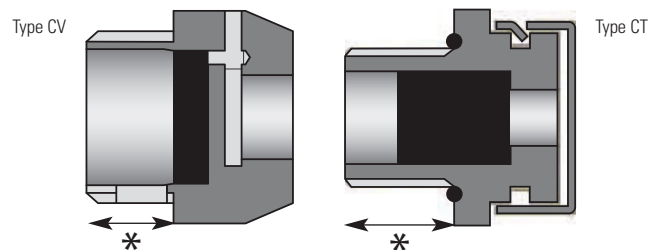


Product Dimensions - Ex e (Type CV)

Thread	Dia. (mm)	Allen Key (mm)	Head Protrusion (mm)
M20	25.4	10	14
M25	30.5	10	14
M32	38.0	10	14
½" NPT	25.4	10	14
¾" NPT	30.5	10	14
1" NPT	38.0	10	14

Product Dimensions - Ex de (Type CT)

Thread	Hex AF (mm)	Thread Length (mm)	OAL (mm)
M20	27.0	16.0	31
M25	31.8	16.0	31
½" NPT	27.0	20.0	35
¾" NPT	27.9	20.0	35



* Minimum 6 full threads parallel 5 full threads taper.

PRODUCT CODING EXAMPLE	Breather Drain	Brass	M25(M)	-	Ex de	PART NUMBER
	CT	A	13	00	A	= CTA1300A

Raxton Barrier Stopper Boxes for Cable Glands and Rigid Conduit

Technical Specification



The Compound Stopper Box is designed to seal conductors at the entry to the enclosure via conduit or to enable an existing compression gland to be converted to a barrier gland. This is achieved by forming a barrier between the individual insulated conductors within the cable to prevent an explosion within the enclosure. The Compound Stopper Box allows compound to be packed around individual insulated conductors. Assembly of the component compresses the packing material and distributes the compound evenly to effect a barrier at point of entry into the enclosure.

The Compound Stopper Box is supplied with compound in a pack, complete with making off instructions and gloves.

Certifications and Compliances

Code of Protection Categories

ATEX: II 2 GD, Ex de IIC

GOST: ExdIIICU

INMETRO: BR-Ex d IIC Gb, BR-Ex tD A21 IP 66/67

Compliance Standards

ATEX / INMETRO / GOST: EN 50014:1997, EN 50018:2000, EN 50019:2000, EN 5081-1-1:1998

Certificate Details

ATEX: ITS 12ATEX17707X

IECEX: IECEX ITS 12.0079X

GOST: POCC GB. 06.B01060

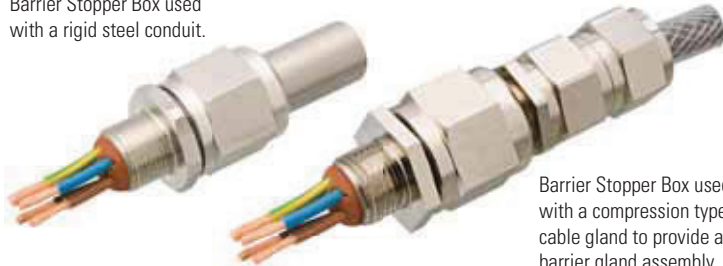
TEMPERATURE

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

Ingress Protection (IP):

Independently tested to IP66 / IP68 when fitted in accordance to manufacturer's instructions.

Barrier Stopper Box used with a rigid steel conduit.



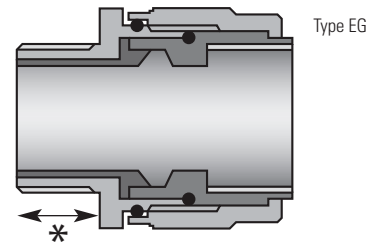
Barrier Stopper Box used with a compression type cable gland to provide a barrier gland assembly.



Type EG

Product Dimensions

Thread	Bore MN (mm)	Thread Length (mm)	Protrusion (mm)	
M16	7.2	15.0	32.0	
M20	12.5	15.0	34.5	
M25	18.3	15.0	34.5	
M32	24.3	15.0	34.5	
M40	30.0	17.0	35.0	
M50	41.6	17.0	37.0	
M63	53.3	17.0	37.0	
M75	65.0	17.0	37.0	



Type EG

* Minimum 6 full threads parallel 5 full threads taper.

Product Codes

DIGIT 1+2 Description (Stopper Boxes)	Code	DIGIT 3 Material	Code	DIGIT 4 & 5 Male		DIGIT 6 & 7 Female		DIGIT 8 Approval	DIGIT 9 Special	DIGIT 10 Plating				
				Thread Reference						None (standard)	X or blank	None	Blank	
STOPPER BOX M-F	EG	BRASS	A	M16	11	½" NPT	42	ATEX Ex de	A	None (standard)	X or blank	None	Blank	
STOPPER BOX F-F	EK	ALUMINIUM	B	M20	12	¾" NPT	43			Customer Special	S	Nickel	N	
		MILD STEEL	C	M25	13	1" NPT	44	For other approvals please see product coding list on page 64				Zinc	Z	
		STAINLESS STEEL	E	M32	14	1¼" NPT	45						Chromatised	C
				M40	15	1½" NPT	46						Special	S
				M50	16	2" NPT	47							
				M63	17	2½" NPT	48							
				M75	18	3" NPT	49	Industrial	X or Blank					

Other sizes / threads are available on request

PRODUCT CODING EXAMPLE	Box M-F	Brass	M20(M)	M20(F)	Ex de	PART NUMBER
	EG	A		12	12	A

Technical Specification



Unions are designed to provide a running joint whilst eliminating exposed threads and are particularly suitable for use where a coupler would be impractical.

Unions are available in a variety of threadforms and can be supplied with male to female or female to female thread entries. The female connection thread of the union shall step not more than one size up from the male connection thread, or equal to one size up in the case of a thread gender change: e.g. M20(M) to M25(F) or M20(M) to 3/4" NPT(F).

Certifications and Compliances

Code of Protection Categories

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

GOST: ExdIICU

INMETRO: BR-Ex d IIC Gb

Compliance Standards

ATEX / INMETRO / GOST: EN 60079-0:2009, EN60079-1:2007, EN 60079-7:2007, EN 60079-31:2008

IECEX: IEC 60079-0:2007-10, IEC 60079-1:2007-04,

IEC 60079-7:2006-07, IEC 61241-1:2004

Certificate Details

ATEX: Sira 10ATEX1227U

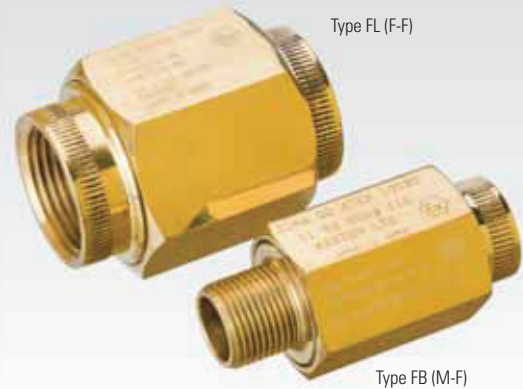
IECEX: IECEX SIR 09.0085U

GOST: POCC GB. 06.B01060

INMETRO: NCC 12.0764X

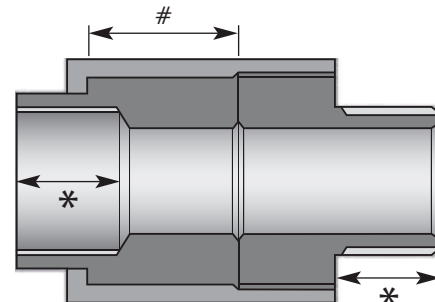
TEMPERATURE

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



Product Dimensions

Thread	Protrusion (mm)	Bore (mm)	Dia (mm)	
M16	45.0	11.0	30.0	
M20	45.0	14.3	42.0	
M25	45.0	20.5	47.0	
M32	45.0	26.8	54.0	
M40	45.0	33.5	62.0	
M50	45.0	44.0	77.0	
M63	45.0	55.2	87.0	
M75	45.0	66.7	102.0	



* Minimum 8 full threads parallel 5 full threads taper.

#Flamepath in accordance with appropriate standards.

Product Codes

DIGIT 1+2 Description (Unions)	Code	DIGIT 3 Material	Code	DIGIT 4 & 5 Male Thread Reference	DIGIT 6 & 7 Female Thread Reference	DIGIT 8 Approval	DIGIT 9 Special	DIGIT 10 Plating				
UNION M-F	FB	BRASS	A	M16	11 ½" NPT	42	ATEX Ex de	A	None (standard)	X or blank	None	Blank
UNION F-F	FL	ALUMINIUM	B	M20	12 ¾" NPT	43	IECEX Ex de	R	Customer Special	S	Nickel	N
		MILD STEEL	C	M25	13 1" NPT	44	For other approvals please see product coding list on page 64				Zinc	Z
		STAINLESS STEEL	E	M32	14 1¼" NPT	45					Chromatised	C
				M40	15 1½" NPT	46					Special	S
				M50	16 2" NPT	47						
				M63	17 2½" NPT	48						
				M75	18 3" NPT	49	Industrial	X or Blank				

Other sizes / threads are available on request

PRODUCT CODING EXAMPLE	Union	Brass	M32(M)	M32(F)	Ex de	PART NUMBER
	FB	A	14	14	A	= FBA1414A

Raxton Nipples / Couplers / Bushes

Technical Specification

Screwed Nippling

Supplied 50mm long as standard, alternative lengths can be supplied as required.

Available in a variety of thread forms. Materials include Brass, Mild Steel, Stainless Steel, Aluminium and Nylon.

Metallic finishes can be plated to requirements.

Couplers

Available in round or hexagonal. Manufactured in Brass as standard in a wide combination of thread forms and sizes.

Bushes

Male and Female Bushes are available in a variety of thread forms. Materials include Brass, Mild Steel, Stainless Steel, Aluminium and may be plated to requirements.

TEMPERATURE

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



Product Codes

DIGIT 1+2	DIGIT 3	DIGIT 4 & 5 Male	DIGIT 6 & 7 Female	DIGIT 8	DIGIT 9	DIGIT 10
Description	Code	Material	Code	Approval	Special	Plating
Thread Reference						
MALE BUSH LONG	JA	BRASS	A	M12 04 ½" NPT 42	Industrial X or Blank	None (standard) X or blank
MALE BUSH SHORT	JB	ALUMINIUM	B	M16 11 ¾" NPT 43	For other approvals please see product coding list on page 64	Customer Special S
FEMALE BUSH	JC	MILD STEEL	C	M20 12 1" NPT 44		None Nickel Z
NIPPLE	JD	STAINLESS STEEL	E	M25 13 1¼" NPT 45		Chromatised C
NIPPLE LONG	JE	NYLON BLACK	G	M32 14 1½" NPT 46		Special S
NIPPLE BARREL	JF			M40 15 2" NPT 47		
COUPLER ROUND	JG			M50 16 2½" NPT 48		
COUPLER HEX	JH			M63 17 3" NPT 49		
COUPLER FLANGE	JJ			M75 18 3½" NPT 86		
				M90 81 4" NPT 87		

Other sizes / threads are available on request

PRODUCT CODING EXAMPLE	Male Bush	Brass	M25(M)	-	-	PART NUMBER
	JA	A	13	00		= JAA1300

Raxton Locknuts, Washers & Serrated Washers

Technical Specification

Locknuts & Lockrings (Type GA, GB)

Raxton offer a large variety of Locknuts/Lockrings which are often recommended for securing cable glands, thread Adaptors or thread Reducers to a gland plate or into equipment. Locknuts are available in Brass, Mild Steel, Stainless Steel, Aluminium or Nylon.

TEMPERATURE

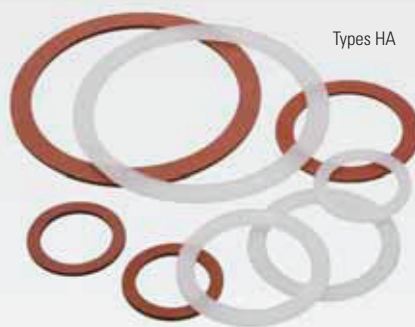
The item is classified as a component and therefore metallic products are not given an operating temperature range.

Product Dimensions

Female Thread	Thread Coding	A/F Dims (mm)	Female Thread	Thread Coding	A/F Dims (mm)
M16	0011	19.0	¾" NPT	0043	33.0
M20	0012	24.0	1" NPT	0044	40.0
M25	0013	30.0	1¼" NPT	0045	50.0
M32	0014	36.0	1½" NPT	0046	55.9
M40	0015	46.0	2" NPT	0047	70.0
M50	0016	65.0	2½" NPT	0048	90.0
M63	0017	80.0	3" NPT	0049	105.0
M75	0018	95.0	3½" NPT	0050	120.0
M90	0019	110.0	4" NPT	0051	135.0



Types GA



Types HA

Washers

To maintain the IP rating of the equipment Raxton offer a wide variety of entry thread sealing Washers and 'O' rings. Materials include Nylon, Teflon, Neoprene, Fibre and Rubber. In addition Raxton can offer a non-setting universal jointing sealant.

TEMPERATURE

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

Serrated Washers

Raxton Serrated (Shakeproof) Washers are available in both Mild Steel Zinc plated and Stainless Steel and prevent the risk of attachments becoming loose when used in conjunction with a Locknut.



Types GC

TEMPERATURE

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

Product Codes

DIGIT 1+2	Code	DIGIT 3	Code	DIGIT 4 & 5 Male	DIGIT 6 & 7 Female	DIGIT 8	DIGIT 9	DIGIT 10						
Description (Earth Accessories)		Material		Thread Reference		Approval	Special	Plating						
LOCKNUTS	GA	BRASS	A	M16	11	½" NPT	42	Industrial	X or Blank	None (standard)	X or blank	None	Blank	
LOCKRINGS	GB	ALUMINIUM	B	M20	12	¾" NPT	43	For other approvals please see product coding list on page 64		Customer Special	S	Nickel	N	
SERRATED WASHERS	GC	MILD STEEL	C	M25	13	1" NPT	44						Zinc	Z
CASTELLATED LOCKNUTS	GD	STAINLESS STEEL	E	M32	14	1¼" NPT	45						Chromatised	C
WASHERS	HA	NYLON BLACK	G	M40	15	1½" NPT	46						Special	S
'O' RINGS	HB	TEFLON	P	M50	16	2" NPT	47							
		EPDM	Q	M63	17	2½" NPT	48							
		NEOPRENE	T	M75	18	3" NPT	49							
		NYLON WHITE	R	M90	81	3½" NPT	86							
		RED FIBRE	U	M100	82	4" NPT	87							

Other sizes / threads are available on request

PRODUCT CODING EXAMPLE	Washer	Fibre	(M)	M40(F)	-	PART NUMBER
	HA	U	00	15	-	= HAU0015

Raxton Earthing Locknuts & Earth Tags

Technical Specification

Earthing Locknuts

Raxton Earthing Locknuts offer an alternative to the standard Earth Tag when terminating a metallic cable gland into a thin wall steel enclosure. The Earthing Locknut design includes a number of cutting teeth formed on one surface of the nut. When tightened, these teeth cut into the enclosure wall, preventing the nut from turning and enabling the gland to be tightened to the nut from the outside with only one tool. This allows all connections of the gland to be made within the enclosure, away from the corrosive or flammable atmosphere and away from possible mechanical damage, and results in a neater appearance. The nut may also be fitted with the plain side facing the enclosure where this is preferred.

TEMPERATURE

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

Product Dimensions

Female Thread	Thread Coding	A/F Dims (mm)	Female Thread	Thread Coding	A/F Dims (mm)
M12	0010	14.0	½" NPT	0042	30.0
M16	0011	18.0	¾" NPT	0043	36.0
M20	0012	23.0	1" NPT	0044	42.0
M25	0013	28.0	1¼" NPT	0045	50.0
M32	0014	36.0	1½" NPT	0046	55.0
M40	0015	44.0	2" NPT	0047	70.0
M50	0016	54.0	2½" NPT	0048	80.0
M63	0017	70.0	3" NPT	0049	98.0
M75	0018	92.0	3½" NPT	0050	115.0
M90	0019	108.0	4" NPT	0051	130.0

Earth Tags

Raxton Earth Tags provide a means of connecting a flexible earth bond with the gland, thread Adaptor or thread Reducer in any required position whilst ensuring suitable earth continuity. Available in Brass, Aluminium and Stainless Steel and supplied self-colour as standard, additional plating is available if required.

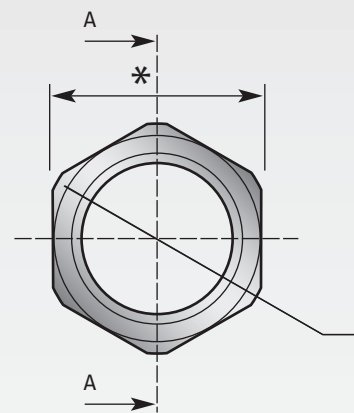
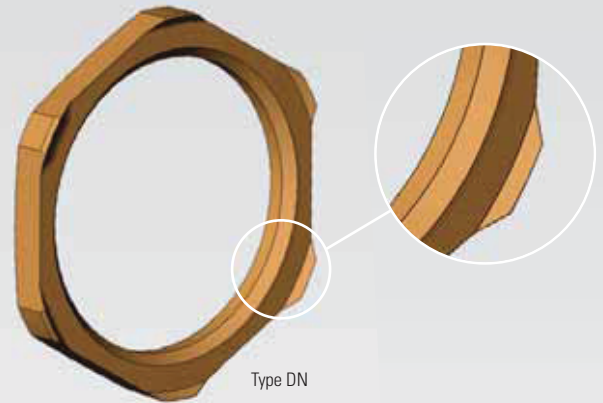
TEMPERATURE

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

Product Codes

DIGIT 1+2		DIGIT 3		DIGIT 4 & 5 Male		DIGIT 6 & 7 Female		DIGIT 8		DIGIT 9		DIGIT 10		
Description (Earth Accessories)	Code	Material	Code	Thread Reference				Approval		Special		Plating		
EARTH TAG	DM	BRASS	A	M16	11	½" NPT	42	Industrial	X or Blank	None (standard)	X or blank	None	Blank	
EARTHING LOCKNUT	DN	ALUMINIUM	B	M20	12	¾" NPT	43	For other approvals please see product coding list on page 64		Customer Special	S	Nickel	N	
		STAINLESS STEEL	E	M25	13	1" NPT	44						Zinc	Z
				M32	14	1¼" NPT	45						Chromatised	C
				M40	15	1½" NPT	46						Special	S
				M50	16	2" NPT	47							
				M63	17	2½" NPT	48							
				M75	18	3" NPT	49							
				M90	81	3½" NPT	86							
				M100	82	4" NPT	87							

Other sizes / threads are available on request



PRODUCT CODING EXAMPLE	Earth Tag	Brass	(M)	M20(F)	-	PART NUMBER
	DM	A	00	12	-	= DMA0012

Raxton Shrouds

Technical Specification

Shrouds

Raxton offer a range of push on Shrouds which are used to minimise the risk of dirt or foreign substances gathering on the cable gland body and/or point of cable to the gland interface.

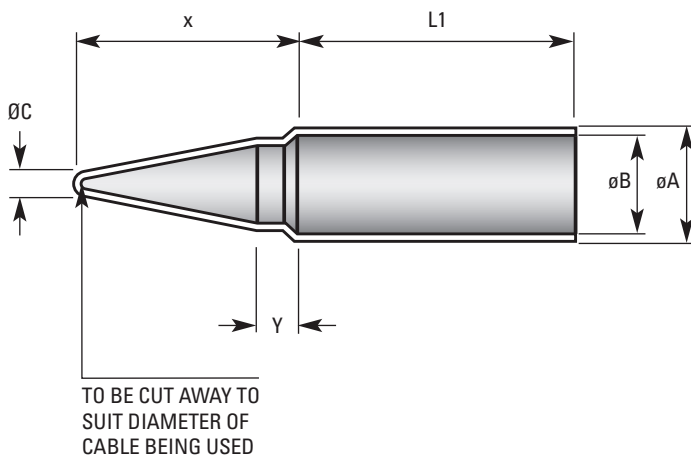
Supplied as standard in black PVC they are suitable for all leading makes of glands.

Raxton also offer coloured PVC shrouds (blue, grey, red), Flame Retardant (FR) black PVC shrouds, Low Smoke and Fume (LSF) Halogen free PVC shrouds in black, white, red, blue, and PCP shrouds in black.

It should be noted that shrouds do not necessarily improve the ingress protection (IP) of the installed gland and may in certain conditions retain unwanted moisture.

TEMPERATURE

The item is classified as a component and is therefore not given a temperature rating.



Product Dimensions

SIZE M16	ØA	ØB	ØC	X	Y	L1
5	19.9	16.5	2.5	40.0	9.0	57.0
5A	23.8	20.0	2.5	50.0	10.0	60.0
6	25.2	20.0	2.5	50.0	10.0	78.0
7	31.5	26.0	8.0	50.0	10.0	80.0
8	43.0	36.0	11.0	50.0	12.0	78.0
8B	38.8	32.0	11.0	50.0	12.0	80.0
9	49.5	40.0	15.0	50.0	12.0	83.0
10	57.8	48.0	20.0	60.0	14.0	91.0
11	67.2	60.0	25.0	70.0	14.0	105.0
12	75.6	68.0	31.0	75.0	13.0	90.0
12E	84.0	70.0	34.0	75.0	13.0	115.0
13	89.3	75.0	37.0	75.0	13.0	110.0

Product Codes

SHROUD NUMBER	PDM 100 BLACK	PDM 100 FR BLACK	PDM 100 BLUE	PDM 100 GREY	PDM 100 RED	PDM 100 LSF BLACK	PDM 100 LSF WHITE	PDM 100 LSF RED	PDM 100 LSF BLUE	PCP BLACK
5	HCY 5	HCY FR 5	HCB 5	HCG 5	HCR 5	HCB LSF 5	HCW LSF 5	HCR LSF 5	HCL LSF 5	HCY 5X NEO
5A	HCY 5A	HCY FR 5A	HCB 5A	HCG 5A	HCR 5A	HCB LSF 5A	HCW LSF 5A	HCR LSF 5A	HCL LSF 5A	HCY 5A NEO
6	HCY 6	HCY FR 6	HCB 6	HCG 6	HCR 6	HCB LSF 6	HCW LSF 6	HCR LSF 6	HCL LSF 6	HCY 6X NEO
7	HCY 7	HCY FR 7	HCB 7	HCG 7	HCR 7	HCB LSF 7	HCW LSF 7	HCR LSF 7	HCL LSF 7	HCY 7X NEO
8	HCY 8	HCY FR 8	HCB 8	HCG 8	HCR 8	HCB LSF 8	HCW LSF 8	HCR LSF 8	HCL LSF 8	HCY 8X NEO
8B	HCY 8B	HCY FR 8B	HCB 8B	HCG 8B	HCR 8B	HCB LSF 8B	HCW LSF 8B	HCR LSF 8B	HCL LSF 8B	HCY 8B NEO
9	HCY 9	HCY FR 9	HCB 9	HCG 9	HCR 9	HCB LSF 9	HCW LSF 9	HCR LSF 9	HCL LSF 9	HCY 9X NEO
10	HCY 10	HCY FR 10	HCB 10	HCG 10	HCR 10	HCB LSF 10	HCW LSF 10	HCR LSF 10	HCL LSF 10	HCY 10 NEO
11	HCY 11	HCY FR 11	HCB 11	HCG 11	HCR 11	HCB LSF 11	HCW LSF 11	HCR LSF 11	HCL LSF 11	HCY 11 NEO
12	HCY 12	HCY FR 12	HCB 12	HCG 12	HCR 12	HCB LSF 12	HCW LSF 12	HCR LSF 12	HCL LSF 12	HCY 12 NEO
12E	HCY 12E	HCY FR 12E	HCB 12E	HCG 12E	HCR 12E	HCB LSF 12E	HCW LSF 12E	HCR LSF 12E	HCL LSF 12E	HCY 12E NEO
13	HCY 13	HCY FR 13	HCB 13	HCG 13	HCR 13	HCB LSF 13	HCW LSF 13	HCR LSF 13	HCL LSF 13	HCY 13 NEO

Thread Selection / Dimensions

Isometric to BS 3643:1981

SIZE	MAJOR DIAMETER (mm)	THREADS PER INCH	PITCH
16mm (M16)	16	16.93	1.50
20mm (M20)	20	16.93	1.50
25mm (M25)	25	16.93	1.50
32mm (M32)	32	16.93	1.50
40mm (M40)	40	16.93	1.50
50mm (M50)	50	16.93	1.50
63mm (M63)	63	16.93	1.50
75mm (M75)	75	16.93	1.50

National Pipe Thread to ANSI / ASME: 1983

SIZE	MAJOR DIAMETER (mm)	THREADS PER INCH	PITCH
1/8" NPT	10.30	27	0.94
1/4" NPT	13.72	18	1.41
3/8" NPT	17.15	18	1.41
1/2" NPT	21.34	14	1.81
3/4" NPT	26.67	14	1.81
1" NPT	33.40	11 1/2	2.20
1 1/4" NPT	42.16	11 1/2	2.20
1 1/2" NPT	48.26	11 1/2	2.20
2" NPT	60.33	11 1/2	2.20
2 1/2" NPT	73.03	8	3.175
3" NPT	88.90	8	3.175
4" NPT	114.30	8	3.175

British Standard Pipe to BS 21:1985

SIZE	MAJOR DIAMETER (mm)	THREADS PER INCH	PITCH
1/8" BSP	9.73	28	0.91
1/4" BSP	13.16	19	1.34
3/8" BSP	16.66	19	1.34
1/2" BSP	20.96	14	1.81
3/4" BSP	26.44	14	1.81
1" BSP	33.25	11	2.31
1 1/4" BSP	41.91	11	2.31
1 1/2" BSP	47.80	11	2.31
2" BSP	59.61	11	2.31
2 1/2" BSP	75.18	11	2.31
3" BSP	87.88	11	2.31
4" BSP	113.03	11	2.31

Certified Products - Raxton adaptors now available in 2 step format

		FEMALE THREAD																	
		M16	M20	M25	M32	M40	M50	M63	M75	1/2" NPT / BSP	3/4" NPT / BSP	1" NPT / BSP	1 1/4" NPT / BSP	1 1/2" NPT / BSP	2" NPT / BSP	2 1/2" NPT / BSP	3" NPT / BSP	4" NPT	
MALE THREAD	M16																		
	M20																		
	M25																		
	M32																		
	M40																		
	M50																		
	M63																		
	M75																		
	1/2" NPT																		
	3/4" NPT																		
	1" NPT																		
	1 1/4" NPT																		
	1 1/2" NPT																		
	2" NPT																		
	2 1/2" NPT																		
	3" NPT																		
	4" NPT																		
	1/2" BSP																		
	3/4" BSP																		
	1" BSP																		
1 1/4" BSP																			
1 1/2" BSP																			
2" BSP																			
2 1/2" BSP																			
3" BSP																			

Adaptors
 Reducers
 Not Certified

Raxton Product Coding

DIGIT 1 + 2		CODE
Product	Description	
ADAPTORS	M-F HEX	AB
	M-F ROUND	AJ
	M-M	AR
	F-F HEX	AU
	F-F ROUND	AX
SWIVEL ADAPTORS	M-F INLINE	FA
	M-M INLINE	FD
	F-F INLINE	FC
	M-F RIGHT ANGLE	FP
	M-M RIGHT ANGLE	FR
	F-F RIGHT ANGLE	FQ
	UNION M-F	FB
ADAPTING AIDS	UNION F-F	FL
	UNION M-M	FE
	RIGHT ANGLE M-F	FG
	RIGHT ANGLE F-F	FN
REDUCERS	RIGHT ANGLE M-M	FK
	45° ELBOW	FM
	M-F HEX	BB
PLUGS	M-F ROUND	BJ
	RX (Externally Accessible)	CB
	TAMPERPROOF (Internally Accessible)	CF
	HEX HEAD	CK
	HEX HEAD (Hollow)	CY
	DOME HEAD	CQ
	SLOTTED	CS
	DRAIN Exe	CV
	DRAIN Exde	CT
	INSULATING & EARTHING	INSULATED M-F
INSULATED M-M		DD
INSULATED F-F		DE
EARTH LEAD M-F		DG
EARTH PLATE		DK
CABLE RETENTION	EARTH TAG	DM
	EARTHING LOCK NUTS	DN
	GLANDS	EB
LOCKING	STOPPER BOX M-F	EG
	STOPPER BOX F-F	EK
	FLEXIBLE CONDUIT	EF
INGRESS PROTECTION (IP) AIDS	LOCKNUTS	GA
	LOCKRINGS	GB
	SERRATED WASHERS	GC
ACCESSORIES	LOCKNUTS CASTELLATED	GD
	WASHERS	HA
	O RINGS	HB
	SHROUDS	HC
	MALE BUSH LONG	JA
	MALE BUSH STD 17	JB
	MALE BUSH ROUND	JQ
	FEMALE BUSH	JC
	NIPPLE THREADED 30mm	JD
	NIPPLE LONG THREADED	JE
NIPPLE BARREL	JF	
COUPLER ROUND	JG	
COUPLER HEX	JH	
COUPLER FLANGE	JJ	

Products shaded are not certified and do not have any associated approvals

THREAD REFERENCES

MALE DIGIT 4 + 5				FEMALE 6 + 7			
ISOMETRIC		NPT		BSP P		BSP T	
SIZE	CODE	SIZE	CODE	SIZE	CODE	SIZE	CODE
M6	01	1/2"	42	1/2"	62	1/2"	52
M8	02	3/4"	43	3/4"	63	3/4"	53
M10	03	1"	44	1"	64	1"	54
M12	04	1 1/4"	45	1 1/4"	65	1 1/4"	55
M16	11	1 1/2"	46	1 1/2"	66	1 1/2"	56
M20	12	2"	47	2"	67	2"	57
M22	07	2 1/2"	48	2 1/2"	68	2 1/2"	58
M24	08	3"	49	3"	69	3"	59
M25	13	3 1/2"	86	4"	89	4"	79
M28	09	4"	87	SPECIAL	60	SPECIAL	50
M32	14	5"	88	Normally Male thread is specified first (digits 4+5), Female thread second (digits 6+7), with all digits used for M-M and F-F products. PG & ET thread components are still available, please consult sales department for advice.			
M38	05	SPECIAL	40				
M40	15						
M50	16						
M63	17						
M75	18						
M80	80						
M90	81						
M100	82						
SPECIAL	10						

DIGIT 3	CODE
Material	
BRASS	A
ALUMINIUM	B
STEEL	C
COPPER & NON-ASB	D
STAINLESS STEEL	E
PVC	F
NYLON BLACK	G
NYLON GREY	H
SILICONE	J
NYLON BLUE	K
LEAD	L
GLASS FILLED NYLON	M
NYLON 66	N
RED FIBRE	U
TEFLON	P
EPDM	Q
NYLON WHITE	R
SPECIAL	S

DIGIT 8	CODE
Approval	
ATEX / IECEx / INMETRO Exd / Exe (all approvals)	Y
ATEX Exde	A
ATEX Exd	D
ATEX Exe	E
Mining Group 1	M
CSA ©Exd IIC	J
CSA (US) Class 1 Zone 1	K
AExd IIC	L
IECEx Exd I/IIC	N
IECEx Exe I/II	P
IECEx Exde I/II	R
Gost Exde IICU	T
Gost Exde I/IICU	U
Gost Exd IICU	V
Gost Exe IICU	W
ATEX / IECEx Exde	B
ATEX / IECEx Exd	C
ATEX / IECEx Exe	Q
Industrial	X or Blank

Product Coding Notes

Male thread is always quoted first (digits 4+5) followed by the Female thread (digits 6+7).

Other threads are available, please consult the sales department.

Digit 8 (No approval) is blank if digits 9 & 10 are not required, otherwise use X.

Digit 9 (Not Customer specific) is blank if digit 10 is not required, otherwise use X.

Digit 10 (Plating) is blank if no plating is required.

DIGIT 9	CODE
Special	
None (standard)	X or Blank
Customer Special	S
'O' Ring	U

DIGIT 10	CODE
Plating	
None	Blank
Nickel	N
Zinc	Z
Chromatised	C
Special	S

PRODUCT CODING EXAMPLE	PRODUCT	MATERIAL	MALE THREAD	FEMALE THREAD	APPROVAL	SPECIAL	PLATING	PART NUMBER
PRODUCT CODING EXAMPLE	Adaptor	Brass	1/2" NPT(M)	M20(F)	Exd	None	Nickel	= ABA4212DXN
		AB	A	42	12	D	N	
PRODUCT CODING EXAMPLE	Hex Head Plug	ST/ST	2" BSPT(M)	(F)	Gost Exd IICU	Yes	None	= CKE5700VS
		CK	E	57	00	S	Blank	