

Data sheet EExd & EExe Adaptors & Reducers

Problems caused by dissimilar threads can occur in both hazardous and industrial environments. Raxton products are fully approved to meet these requirements, being EExd and EExe certified as ATEX, CSA, IECE and GOST Standards.

Adaptors provide a means of connection between dissimilar thread forms or sizes.

Reducers effectively reduce the threaded entry diameter of an enclosure to accept a gland or fitting with a smaller thread. Reducers may also be supplied to accept smaller glands of alternative threads forms.

NAVIGATION (click to view)

- EExd & EExe Adaptors & Reducers
- Thread Conversion Chart
- Part Number System
- About Raxton
- View the Raxton web site
- Email Raxton



Specification

EExd approvals

- SIRA 00ATEX1073U
- IFCFx SIR07.0010X
- CSA 1003277U
- GOST POCC GB.Mл14.B00104

EExe approvals

- SIRA 00ATEX1073U
- IFCFx SIR07.0010X
- GOST POCC GB.M л14.B00104

Materials

■ Brass: BS2874: 1985 CZ121

■ Mild Steel: BS970 PT3 230M07

■ Stainless Steel: BS970 PT3 316 S11 ■ Aluminium: BS1474/1 6082 T4 or T6

■ Aluminium Bronze: BS1400 1985 AB2 or BS2874:1986 CA104

■ Nylon: 30% Glass filled Nylon 66 (EExe only)

Quality

■ SIRA (0518) 02 ATEX M207

■ BVQI EN ISO 9001: 2000

Thread specification

- Isometric (ISO) to BS3643:1981 and ISO 965 Pts 1 & 3
- Imperial (ET) to BS31:1940 (1979)
- National Pipe Thread (NPT) to ANSI/ASME:1983
- British Standard Pipe (BSP) to BS21:1985
- Pg to DIN 40430:1971

Nickel, Electro Zinc, Zinc Passivated, Chromatised, Electroless Nickel and Anodised.



Data sheet Thread Conversion Chart

												FE	MALE	THRE	AD							
MALE THRE	EAD															٦	Ь		Ь			
THREADS PER INCH	PITCH	BORE SIZE MAX	MAJOR DIAMETER MM	SIZE	M16/5/8"ET	M20/3/4"ET	M25/1"ET	M32/11/4"ET	M40/11/2"ET	M50/2"ET	M63/21/2"ET	M75/3"ET	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	3 1/2" NPT	4"NPT
16.93	1.5	11.0	16	M16																		
16.93	1.5	15.0	20	M20																		
16.93	1.5	20.5	25	M25																		
16.93	1.5	26.8	32	M32																		
16.93	1.5	33.5	40	M40																		
16.93	1.5	44.0	50	M50																		
16.93	1.5	55.2	63	M63																		
16.93	1.5	66.7	75	M75																		
14	1.81	14.3	21.34	1/2"NPT																		
14	1.81	20.5	26.67	3/4"NPT																		
111/2	2.20	26.8	33.40	1"NPT																		
111/2	2.20	33.5	42.16	1 1/4" NPT																		
111/2	2.20	41.0	48.26	1 1/2"NPT																		
111/2	2.20	54.0	60.33	2"NPT																		
8	3.175	64.5	73.03	2 1/2"NPT																		
8	3.175	79.0	88.90	3"NPT																		
8	3.175	90.0	101.60	3 1/2"NPT																		
8	3.175	101.0	114.30	4"NPT																		
14	1.81	P T 15.5 14.3	20.96	1/2"BSP																		
14	1.81	17.5 16.3	22.91	5/8"BSP																		
14	1.81	21.5 20.0	26.44	3/4"BSP																		
11	2.31	26.8 25.5	33.25	1"BSP																		
11	2.31	35.0 33.0	41.91	1 1/4" BSP																		
11	2.31	41.0 39.0	47.80	1 1/2"BSP																		
11	2.31	53.0 50.0	59.61	2"BSP																		
11	2.31	66.0 62.0	75.18	2 1/2"BSP																		
11	2.31	77.0 73.0	87.88	3"BSP																		

CERTIFIED Reducers		Adaptors		Not Certifie
--------------------	--	----------	--	--------------



Data sheet Part Number System

١	DIGIT 1+2	CODE
	M-F HEX	AB
	M-F ROUND	AJ
ADAPTORS	M-M	AR
	F-F HEX	AU
	F-F ROUND	AX
DEDUCEDO	M-F HEX	BB
REDUCERS	M-F ROUND	BJ
	RX	СВ
	TAMPERPROOF	CF
PLUGS	HEX HEAD	CK
FLUGS	DOME HEAD	CQ
	SLOTTED	CS
	DRAIN	CV
	INSULATED M x F	DB
	INSULATED M x M	DD
INSULATING AND	INSULATED F x F	DE
EARTHING	EARTH LEAD M x F	DG
	EARTH PLATE	DK
	EARTH TAG	DM
44015	GLAND	EB
CABLE RETENTION	STOPPER BOX M-F	EG
	STOPPER BOX F-F	EK
	UNION M-F	FB
	UNION F-F	FL
ADAPTING	UNION M-M	FE
AIDS	RIGHT ANGLE M-F	FG
	RIGHT ANGLE F-F	FN
	RIGHT ANGLE M-M	FK
	LOCKNUTS	GA
LOCKING	LOCKRINGS	GB
LOCKING	SERRATED WASHERS	GC
	LOCKNUT CASTELLATED	GD
	WASHERS	НА
I.P. AIDS	O RINGS	HB
	SHROUD	HC
	MALE BUSH LONG	JA
	MALE BUSH SHORT	JB
	FEMALE BUSH	JC
	NIPPLE	JD
ACCESSORIES	NIPPLE LONG	JE
	NIPPLE BARREL	JF
	COUPLER ROUND	JG
	COUPLER HEX	JH
	COUPLER FLANGE	JJ

DIGIT 3	CODE
BRASS	А
ALUMINIUM	В
STEEL	С
COPPER & NON-ASB	D
STAINLESS STEEL	E
PVC	F
NYLON BLACK	G
NYLON GREY	Н
SILICONE	J
NYLON BLUE	K
LEAD	L
GLASS FILLED NYLON	М
NYLON 66	N
RED FIBRE	U
TEFLON	Р
EPDM	Q
NYLON WHITE	R
SPECIAL	S

DIGIT 8	APPROVALS
Atex EExde	А
Atex EExd	D
Atex EExe	Е
Mining Group 1	М
CSA © Exd11C	J
CSA (US) Class 1 Zone 1	K
AExd 11C	L
IECEx Exd 1/11C	Ν
IECEx Exe 1/11	Р
IECEx Exd 1/11C and Exe 1/11	R
Gost Exde 11CU	Т
Gost Exde 1/11CU	U
Gost Exd11CU	V
Gost Exe11U	W

	MALE DI	GIT 4 + 5		FEMALE DIGIT 6 + 7						
THREAD REFERENCES AS TABLE BELOW										
ISOM	ETRIC	NI	PT	BS	PT	BSP P				
SIZE	CODE	SIZE	CODE	SIZE	CODE	SIZE	CODE			
M6	01	1/2"	42	1/2"	52		62			
M8	02	3/4"	43	3/4"	53		63			
M10	03	1"	44	1"	54		64			
M12	04	1 1/4"	45	1 1/4"	55		65			
M16	11	1 1/2"	46	1 1/2"	56		66			
M20	12	2"	47	2"	57		67			
M22	07	2 1/2"	48	2 1/2"	58		68			
M24	08	3"	49	3"	59		69			
M25	13	3 1/2"	86	4"	79		89			
M28	09	4"	87	SPECIAL	50		60			
M32	14	5"	88							
M38	05									
M40	15			Normally male thread is specified first (4+5) Female thread second (6+7) with items then both M-M or F-F sets of digits will be used Pg & ET thread components are still available please consult sales						
M50	16									
M63	17									
M75	18									
M80	80									
M90	81					t for advice				
M100	82									
SPECIAL	10	SPECIAL	40							

EXAMPLES									
Adaptor	Brass	1/2″NPT	M20F	EExd	PART NUMBER				
AB	A	42	12	D	= ABA4212D				
Reducer BB	GF Nylon M	M50 M 16	1"NPT F 44	EExe E	= BBM1644E				
Locknut GA	Brass A	- 00	M63 17	•	= GAA0017				
Hex Head Plug CK	ST/ST E	2"BSPT 57	- GOS	ST EExd 11 V	CU = CKE5700V				

All codes marked cover products which are not certified or have any associated approvals



About Raxton

Raxton are suppliers of electrical thread conversion products for hazardous area and industrial applications. Products include adaptors, reducers, stopping plugs and breather drain plugs.

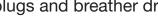




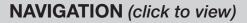




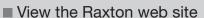
Products are EExd and EExe certified. Approvals include SIRA, ATEX, GOST and IECEX.







- EExd & EExe Adaptors & Reducers
- Thread Conversion Chart
- Part Number System
- About Raxton



■ Email Raxton







The Raxton product range (click to view the web site page)















EExd

- Adaptors
- Reducers
- Stopping plugs
- Breather drain plugs
- Right angle adaptors
- Unions
- Male to male & female to female adaptors
- Insulated adaptors
- Compound stopper box / adaptor
- Accessories



- Adaptors
- Reducers
- Earth lead adaptors
- Threaded earth plates
- Breather drain plugs
- Stopping plugs

Stainless steel cable glands

- AG EExe & EExd
- EW & EX EExe & EExd
- DW & DX EExe & EExd
- Latest information

Raxton Ltd., Westgate, Aldridge, West Midlands WS9 8FS, UK. Tel: +44 (0) 1922 450400 fax: +44 (0) 1922 450401

Email: enquiries@raxton.co.uk Web site: www.raxton.co.uk