

BB HEX / BJ ROUND REDUCERS



Raxton Exd/Exe Reducers effectively reduce the hreaded 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.

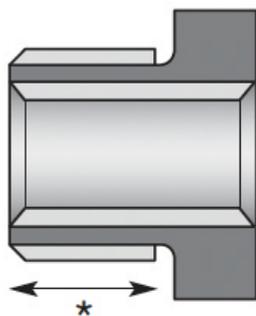
Following the basic rules in line with good engineering practices, no more than one Reducer should be used at any one time. Stopping Plugs should be fitted directly into unused entries of the equipment and not into a Reducer.

Metallic Reducers are supplied with a hexagonal head as standard. Where space is a critical factor, Reducers with a circular head can be offered with a diameter equal to the A/F dimension of the hexagonal head.

Nylon Reducers are Exe only and designed with a circular head. Exe Reducers are supplied with an 'O' ring to maintain the IP integrity of the installation.

Raxton Reducers are marked with the applicable approval number and size.

Independently tested to IP68.



* Minimum length of thread 10mm

Certification

- 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: ExdeI/IICU, ExdeIIICU, ExeIIU
INMETRO: BR-Ex de 1/IIC Mb/Gb, BR-Ex tD A21 IP 66/67

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

- Compliance Standards:**

ATEX / INMETRO / 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

Nylon Reducers only:

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

- Certificate Details:**

ATEX : SIRA10ATEX1225X, SIRA10ATEX3335U
IECEX: IEC Ex SIR 07.0010X, IEC Ex SIR 10.0164U
CSA: CSA 200455-1003277 (Brass and Stainless only)
GOST: POCC GB.ГБ 06.B01060
INMETRO: NCC 5871/09 U

- TEMPERATURE:**

The item is classified as a component and is therefore not given a temperature rating. Nylon temperature range -20°C to 65°C, 'O' ring -30°C to 125°C
GF Nylon is UL rated @ H.B. @ 1.5mm.

Product Dimensions:

Thread	Metallic Thread A/F (mm)	Nylon Head Dia. (mm)		
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		

Product Codes

DIGIT 1+2		DIGIT 3		DIGIT 4 & 5 Male		DIGIT 6 & 7 Female		DIGIT 8		DIGIT 9		DIGIT 10	
Description (Reducers)	Code	Material	Code	Thread Reference				Approval		Special		Plating	
M-F HEX	BB	BRASS	A	M16	11	½" NPT	42	ATEX Exde	A	None (standard)	X or blank	None	Blank
M-F ROUND	BJ	ALUMINIUM	B	M20	12	¾" NPT	43	IECEX Exde	R	Customer Special	S	Nickel	N
		MILD STEEL	C	M25	13	1" NPT	44	For other approvals please see product coding list on page 28				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

PRODUCT CODING EXAMPLE

Reducer	Stainless Steel	1" NPT(M)	M32(F)	Exde	PART NUMBER
BB	E	14	13	A	= BBE1413A