

Enlargers, Reducers & Thread Convertors

Convertors & Accessories

Our comprehensive range of Adaptors and Reducers provide a method of matching threadforms on hazardous area approved equipment while ensuring the integrity and approval of the installation is maintained.

Manufactured in the UK, this new range of convertors meets the latest ATEX / IECEx & CSA / UL standards. This means that all the standards are marked on the product around the main body. This allows for them to be seen easily once installed, a key component of the new standard.

Enlargers (/E) are used where the thread size of the Female side of the device is larger than the male side.

Reducers (/R) are used where the thread size of the female side of device is smaller than the male side.

Thread Convertors (/TC) are used where a conversion is required between thread types, e.g Metric to PG.

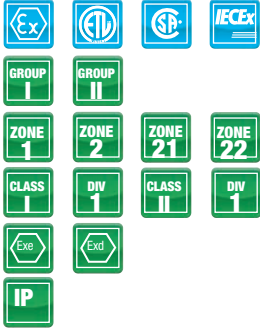
T&B Enlargers, Reducers and thread convertors are designed for hazardous area applications and are certified to protection concepts Exd "Flameproof" and Exe "Increased Safety" for use in Zone 1, 2, 2.1, 2.2 applications. Under NEC Class I Div1 ABCD Class II Div1 EFG.

Metric - Technical Specification

Male External Thread	Female Internal Thread				
	M16	M20	M25	M32	M40
M16		EX/M16-M20/E	EX/M16-M25/E		
M20	EX/M20-M16/R		EX/M20-M25/E	EX/M20-M32/E	
M25	EX/M25-M16/R	EX/M25-M20/R		EX/M25-M32/E	EX/M25-M40/E
M32	EX/M32-M16/R	EX/M32-M20/R	EX/M32-M25/R		EX/M32-M40/E
M40	EX/M40-M16/R	EX/M40-M20/R	EX/M40-M25/R	EX/M40-M32/R	
M50	EX/M50-M16/R	EX/M50-M20/R	EX/M50-M25/R	EX/M50-M32/R	EX/M50-M40/R
M63	EX/M63-M16/R	EX/M63-M20/R	EX/M63-M25/R	EX/M63-M32/R	EX/M63-M40/R
M75	EX/M75-M16/R	EX/M75-M20/R	EX/M75-M25/R	EX/M75-M32/R	EX/M75-M40/R
PG9	EX/PG9-M16/TC	EX/PG9-M20/TC			
PG11	EX/PG11-M16/TC	EX/PG11-M20/TC			
PG13	EX/PG13-M16/TC	EX/PG13-M20/TC			
PG16	EX/PG16-M16/TC	EX/PG16-M20/TC	EX/PG16-M25/TC		
PG21	EX/PG21-M16/TC	EX/PG21-M20/TC	EX/PG21-M25/TC	EX/PG21-M32/TC	
PG29	EX/PG29-M16/TC	EX/PG29-M20/TC	EX/PG29-M25/TC	EX/PG29-M32/TC	EX/PG29-M40/TC
PG36	EX/PG36-M16/TC	EX/PG36-M20/TC	EX/PG36-M25/TC	EX/PG36-M32/TC	EX/PG36-M40/TC
PG42	EX/PG42-M16/TC	EX/PG42-M20/TC	EX/PG42-M25/TC	EX/PG42-M32/TC	EX/PG42-M40/TC
PG48	EX/PG48-M16/TC	EX/PG48-M20/TC	EX/PG48-M25/TC	EX/PG48-M32/TC	EX/PG48-M40/TC
NPT 3/8	EX/038-M16/TC				
NPT 1/2	EX/050-M16/TC	EX/050-M20/TC	EX/050-M25/TC		
NPT 3/4	EX/075-M16/TC	EX/075-M20/TC	EX/075-M25/TC	EX/075-M32/TC	
NPT 1	EX/100-M16/TC	EX/100-M20/TC	EX/100-M25/TC	EX/100-M32/TC	EX/100-M40/TC
NPT 1 1/4	EX/125-M16/TC	EX/125-M20/TC	EX/125-M25/TC	EX/125-M32/TC	EX/125-M40/TC
NPT 1 1/2	EX/150-M16/TC	EX/150-M20/TC	EX/150-M25/TC	EX/150-M32/TC	EX/150-M40/TC
NPT 2	EX/200-M16/TC	EX/200-M20/TC	EX/200-M25/TC	EX/200-M32/TC	EX/200-M40/TC
NPT 2 1/2	EX/250-M16/TC	EX/250-M20/TC	EX/250-M25/TC	EX/250-M32/TC	EX/250-M40/TC
NPT 3	EX/300-M16/TC	EX/300-M20/TC	EX/300-M25/TC	EX/300-M32/TC	EX/300-M40/TC

Enlargers, Reducers & Thread Convertors

Certification & Standards



Connector Description:
 EX - Brass
 EXN - Nickel Plated Brass
 EXS - Stainless Steel 316
 Certification Standard:
 Baseefa07 ATEX 0247X, IECEx BAS 07.0090X
 Class I Div1 ABCD, Class II Div1 EFG
 (does not include M16 & 3/8 in.NPT
 or unplated brass products)
 Approved to UL
 Approved to CSA

Metric - Technical Specification

Female Internal Thread

M50	M63	M75
EX/M32-M50/E		
EX/M40-M50/E	EX/M40-M63/E	
	EX/M50-M63/E	EX/M50-M75/E
EX/M63-M50/R		EX/M63-M75/E
EX/M75-M50/R	EX/M75-M63/R	
EX/PG36-M50/TC		
EX/PG42-M50/TC	EX/PG42-M63/TC	
EX/PG48-M50/TC	EX/PG48-M63/TC	
EX/125-M50/TC		
EX/150-M50/TC	EX/150-M63/TC	
EX/200-M50/TC	EX/200-M63/TC	
EX/250-M50/TC		
EX/300-M50/TC		EX/300-M75/TC



NPT - Technical Specification

Male External Thread	Female Internal Thread				
	NPT 3/8	NPT 1/2	NPT 3/4	NPT 1	NPT 1-1/4
M16	EX/M16-038/TC	EX/M16-050/TC			
M20		EX/M20-050/TC	EX/M20-075/TC		
M25		EX/M25-050/TC	EX/M25-075/TC	EX/M25-100/TC	
M32		EX/M32-050/TC	EX/M32-075/TC	EX/M32-100/TC	EX/M32-125/TC
M40		EX/M40-050/TC	EX/M40-075/TC	EX/M40-100/TC	EX/M40-125/TC
M50		EX/M50-050/TC	EX/M50-075/TC	EX/M50-100/TC	EX/M50-125/TC
M63		EX/M63-050/TC	EX/M63-075/TC	EX/M63-100/TC	EX/M63-125/TC
M75		EX/M75-050/TC	EX/M75-075/TC	EX/M75-100/TC	EX/M75-125/TC
PG9		EX/PG9-050/TC			
PG11		EX/PG11-050/TC			
PG13		EX/PG13-050/TC			
PG16		EX/PG16-050/TC	EX/PG16-075/TC		
PG21		EX/PG21-050/TC	EX/PG21-075/TC	EX/PG21-100/TC	
PG29		EX/PG29-050/TC	EX/PG29-075/TC	EX/PG29-100/TC	EX/PG29-125/TC
PG36		EX/PG36-050/TC	EX/PG36-075/TC	EX/PG36-100/TC	EX/PG36-125/TC
PG42		EX/PG42-050/TC	EX/PG42-075/TC	EX/PG42-100/TC	EX/PG42-125/TC
PG48		EX/PG48-050/TC	EX/PG48-075/TC	EX/PG48-100/TC	EX/PG48-125/TC
NPT 1/2			EX/050-075/E		
NPT 3/4		EX/075-050/R		EX/075-100/E	
NPT 1		EX/100-050/R	EX/100-075/R		EX/100-125/E
NPT 1-1/4		EX/125-050/R	EX/125-075/R	EX/125-100/R	
NPT 1-1/2		EX/150-050/R	EX/150-075/R	EX/150-100/R	EX/150-125/R
NPT 2		EX/200-050/R	EX/200-075/R	EX/200-100/R	EX/200-125/R
NPT 2-1/2		EX/250-050/R	EX/250-075/R	EX/250-100/R	EX/250-125/R
NPT 3		EX/300-050/R	EX/300-075/R	EX/300-100/R	EX/300-125/R

PG - Technical Specification

Filets mâles externes	Filets femelles internes				
	PG9	PG11	PG13	PG16	PG21
M16	EX/M16-PG9/TC	EX/M16-PG11/TC	EX/M16-PG13/TC		
M20	EX/M20-PG9/TC	EX/M20-PG11/TC	EX/M20-PG13/TC	EX/M20-PG16/TC	
M25	EX/M25-PG9/TC	EX/M25-PG11/TC	EX/M25-PG13/TC	EX/M25-PG16/TC	EX/M25-PG21/TC
M32	EX/M32-PG9/TC	EX/M32-PG11/TC	EX/M32-PG13/TC	EX/M32-PG16/TC	EX/M32-PG21/TC
M40	EX/M40-PG9/TC	EX/M40-PG11/TC	EX/M40-PG13/TC	EX/M40-PG16/TC	EX/M40-PG21/TC
M50	EX/M50-PG9/TC	EX/M50-PG11/TC	EX/M50-PG13/TC	EX/M50-PG16/TC	EX/M50-PG21/TC
M63	EX/M63-PG9/TC	EX/M63-PG11/TC	EX/M63-PG13/TC	EX/M63-PG16/TC	EX/M63-PG21/TC
M75	EX/M75-PG9/TC	EX/M75-PG11/TC	EX/M75-PG13/TC	EX/M75-PG16/TC	EX/M75-PG21/TC
PG11	EX/PG11-PG9/R				
PG13	EX/PG13-PG9/R	EX/PG13-PG11/R			
PG16	EX/PG16-PG9/R	EX/PG16-PG11/R	EX/PG16-PG13/R		EX/P16-PG21/E
PG21	EX/PG21-PG9/R	EX/PG21-PG11/R	EX/PG21-PG13/R	EX/PG21-PG16/R	
PG29	EX/PG29-PG9/R	EX/PG29-PG11/R	EX/PG29-PG13/R	EX/PG29-PG16/R	EX/PG29-PG21/R
PG36	EX/PG36-PG9/R	EX/PG36-PG11/R	EX/PG36-PG13/R	EX/PG36-PG16/R	EX/PG36-PG21/R
PG42	EX/PG42-PG9/R	EX/PG42-PG11/R	EX/PG42-PG13/R	EX/PG42-PG16/R	EX/PG42-PG21/R
PG48	EX/PG48-PG9/R	EX/PG48-PG11/R	EX/PG48-PG13/R	EX/PG48-PG16/R	EX/PG48-PG21/R
NPT 1/2	EX/050-PG9/TC	EX/050-PG11/TC	EX/050-PG13/TC	EX/050-PG16/TC	
NPT 3/4	EX/075-PG9/TC	EX/075-PG11/TC	EX/075-PG13/TC	EX/075-PG16/TC	EX/075-PG21/TC
NPT 1	EX/100-PG9/TC	EX/100-PG11/TC	EX/100-PG13/TC	EX/100-PG16/TC	EX/100-PG21/TC
NPT 1-1/4	EX/125-PG9/TC	EX/125-PG11/TC	EX/125-PG13/TC	EX/125-PG16/TC	EX/125-PG21/TC
NPT 1-1/2	EX/150-PG9/TC	EX/150-PG11/TC	EX/150-PG13/TC	EX/150-PG16/TC	EX/150-PG21/TC
NPT 2	EX/200-PG9/TC	EX/200-PG11/TC	EX/200-PG13/TC	EX/200-PG16/TC	EX/200-PG21/TC