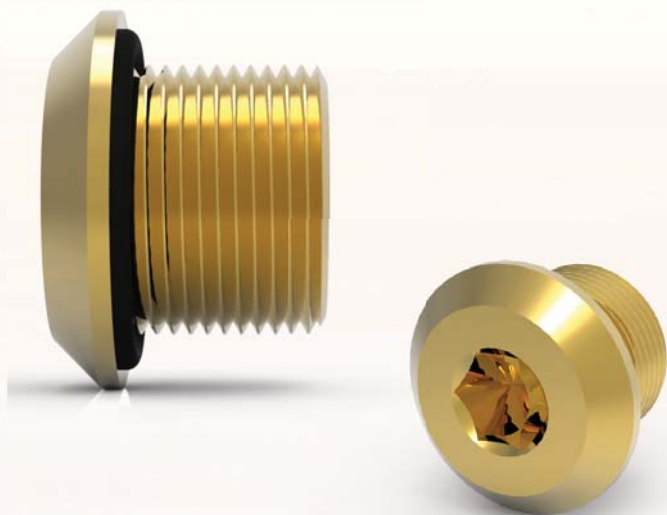


## Flameproof Exd / Increased Safety Exe Dual Certified ATEX / IECEx

### 487 Domed Head Stopping Plug



#### Certification Details

- Increased Safety and Flameproof Exe I Mb, Exd I Mb, Exe IIC Gb, Exd IIC Gb, Extb IIIC Db,  $\text{Ex}$  IM2 / II 2GD.
- Certificate No's: Baseefa11ATEX0149X and IECEx BAS 11.0071X.
- GOST R certified.
- Operating Temperature Range: Nitrile 'O' Ring fitted as standard -60°C to +80°C  
Silicone Option -60°C to +160°C
- Group I, II and III.

#### General Information

- Manufactured in Brass, Nickel Plated Brass, Steel, Nickel Plated Steel and Stainless Steel. (Aluminium for Group II use only).
- M16 to M130 as standard.
- Other parallel thread options available on request, including BSPP, PG, NPSM and ET. NPT available as 387 Exe Plug.
- Metric entry threads are 1.5mm pitch as standard.
- Suitable for use in Zone 1, Zone 2, Zone 21, Zone 22 and mining applications.
- Construction and Test Standards: IEC/EN 60079-0, IEC/EN 60079-1, IEC/EN 60079-7 and IEC/EN 60079-31.
- Ingress Protection: IP66.
- Assembly Instruction Sheet: AI 411.

#### SELECTION TABLE

Thread Size	Length of Thread (mm)	Overall Dia. (mm)	Allen Key (mm)
M16	15	24.0	6
M20	15	26.5	10
M25	15	34.0	10
M32	15	45.0	10
M40	15	51.5	10
M50	15	61.5	10
M63	15	74.5	10
M75	15	86.5	10

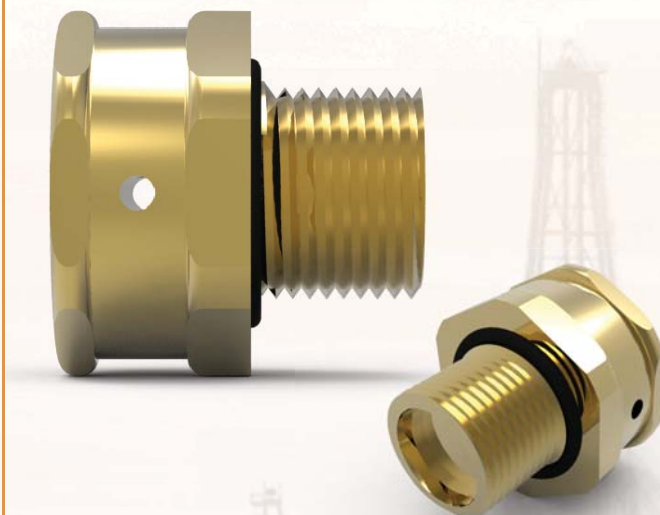
#### Ordering Example:

Note: When ordering metric threads larger than M75, include the thread pitch details.

Product	Thread Size	Material	Finish
487	M32	Brass	Nickel Plated

## Flameproof Exd Dual Certified ATEX / IECEx

### 489 Breather Drain



#### Certification Details

- Flameproof Exd I Mb, Exd IIC, Extb IIIC Db  $\text{Ex}$  IM2 / II 2GD.
- Certificate No's: Baseefa11ATEX0154X and IECEx BAS 11.0076X.
- GOST R certified.
- Ambient Temperature Range -60°C to +60°C.
- Temperature Classification: T6
- Group I, II and III.

#### General Information

- The Breather Drain may only be fitted to the underside of Exd enclosures with internal volumes of 2.5 litres or less..
- Manufactured in Brass, Nickel Plated Brass, Stainless Steel – Grade 316L.
- Nitrile O Ring supplied as standard, Silicone option available.
- M20 and M25 with 1.5mm pitch as standard.
- Other thread options available on request, including BSPP, PG, NPT, ET and NPSM.
- Suitable for use in Zone 1, Zone 2, Zone 21, Zone 22 and mining applications.
- Construction and Test Standards: IEC/EN 60079-0 & IEC/EN 60079-1 and IEC/EN 60079-31.
- Ingress Protection: IP66.
- Assembly Instruction Sheet: AI 409.

#### SELECTION TABLE

Thread Size	Length of Thread (mm)	Across Flats (mm)	Across Corners (mm)
M20	15	30	32.5
M25	15	36	39.5

#### Ordering Example:

Product	Thread Size	Material	Finish
489	M20	Brass	Nickel Plated