



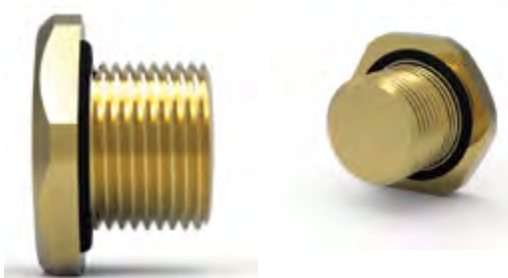
**375**   
Domed Head Stopping Plug

Selection Table		
Thread Size	'S' Dia (mm)	Allen Key (mm)
M16	23	8
M20	27.5	10
M25	32	10
M32	39	10
M40	49	10
M50	59	10
M63	72	10
M75	84	10

- ### General Information
- Manufactured in Polyamide with Nitrile O-Ring.
  - M16 to M75 as standard.
  - Thread length is 15mm as standard.
  - Metric entry threads are 1.5mm pitch as standard.
  - Suitable for use in Zone 1, Zone 2, Zone 21 and Zone 22.
  - Construction and Test Standards: IEC/EN 60079-0, IEC/EN 60079-7 and IEC/EN 60079-31.
  - Ingress Protection: IP66.
  - Assembly Instruction Sheet: AI 410.

Ordering Information			
Product	Thread Size	Material	Finish
375	M32	N/A	N/A

- ### Certification Details
- Increased Safety Exe IIC Gb, Extb IIIC Db, II 2GD.
  - Certificate No's: Baseefa 12ATEX0095X and IECEx BAS 12.0065X.
  - Ex TC RU C-GB.ГБ05.В.00750 EAC
  - Operating Temperature Range -60°C to +75°C.
  - Group II and III.



**390**   
Hexagon Head Stopping Plug

Selection Table			
Thread Size	Length of Thread (mm)	Across Flats (mm)	Across Corners (mm)
M16	15	24	26.5
M20	15	30	32.5
M25	15	36	39.5
M32	15	46	50.5
M40	15	55	60.6
M50	15	65	70.8
M63	15	80	88
M75	15	95	104

- ### 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.
  - M16 to M75 are 1.5mm pitch as standard.
  - M80 to M130 are 2.0mm pitch as standard (20mm thread length).
  - Other parallel thread options available on request, including BSPP, PG, ET and NPSM. NPT threads also available.
  - 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 60079-7 and IEC/EN 60079-31.
  - Ingress Protection: IP66.
  - Assembly Instruction Sheet: AI 412.

Ordering Information			
Product	Thread Size	Material	Finish
390	M32	Brass	Nickel Plated

- ### Certification Details
- Increased Safety Exe I Mb, Exe IIC Gb, Extb IIIC Db, I M2/II 2GD.
  - Certificate No's: Baseefa 11ATEX0157X and IECEx BAS 11.0079X.
  - Ex TC RU C-GB.ГБ05.В.00750 EAC
  - Operating Temperature Range: Nitrile 'O' Ring fitted as standard -60°C to +80°C  
Silicone Option -60°C to +160°C.
  - Group 1, II and III.

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



**475**

Tamper Proof Stopping Plug



Selection Table		
Thread Size	Thread Size (NPT)	Allen Key (mm)
M16	1/2" *	6 / 10 *
M20	3/4" or 1/2"	10
M25	1" or 3/4"	10
M32	1 1/4" or 1"	10
M40	1 1/2" or 1 1/4"	10
M50	2" or 1 1/2"	10
M63	2 1/2" or 2"	10
M75	3" or 2 1/2"	10

\* smaller size if for M16 only.

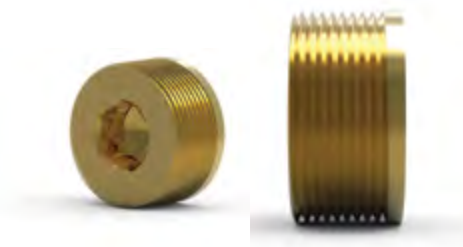
Ordering Information			
Product	Thread Size	Material	Finish
475	M32	Brass	Nickel Plated

### General Information

- The 475 is fitted from outside of the enclosure.
- Manufactured in Brass, Nickel Plated Brass, Steel, Nickel Plated Steel and Stainless Steel. (Aluminium for Group II use only).
- M16 to M75 as standard.
- Other thread options available on request, including BSPP, PG, NPT and ET.
- 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 and IEC/EN 60079-31.
- Ingress Protection: IP66.
- Assembly Instruction Sheet: AI 404.

### Certification Details

- Flameproof Exd I Mb, Exd IIC Gb, Extb IIIC Db, IM2 / II 2GD.
- Certificate No's: Baseefa 10ATEX0262X and IECEx BAS 10.0120X
- Ex TC RU C-GB.Γ505.B.00750 EAC
- Operating Temperature Range -60°C to +160°C.
- Group I, II and III.



**477**

Tamper Proof Stopping Plug



Selection Table		
Thread Size	Thread Size (NPT)	Allen Key (mm)
M16	1/2" *	6 / 10 *
M20	3/4" or 1/2"	10
M25	1" or 3/4"	10
M32	1 1/4" or 1"	10
M40	1 1/2" or 1 1/4"	10
M50	2" or 1 1/2"	10
M63	2 1/2" or 2"	10
M75	3" or 2 1/2"	10

\* smaller size if for M16 only.

Ordering Information			
Product	Thread Size	Material	Finish
477	M32	Brass	Nickel Plated

### General Information

- The 477 is fitted from inside of the enclosure.
- Manufactured in Brass, Nickel Plated Brass, Steel, Nickel Plated Steel and Stainless Steel. (Aluminium for Group II use only).
- M16 to M75 as standard.
- Other parallel thread options available on request, including BSPP, PG, NPT and ET.
- 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 and IEC/EN 60079-31.
- Ingress Protection: IP66.
- Assembly Instruction Sheet: AI 404.

### Certification Details

- Flameproof Exd IM2, Exd IIC Gb, Extb IIIC Db, IM2 II 2GD.
- Certificate No's: Baseefa 10ATEX0262X and IECEx BAS 10.0120X
- Ex TC RU C-GB.Γ505.B.00750 EAC
- Operating Temperature Range -60°C to +160°C.
- Group I, II and III.



# 487

## Domed Head Stopping Plug



### 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	6
M20	15	26.5	10
M25	15	34	10
M32	15	45	10
M40	15	51.5	10
M50	15	61.5	10
M63	15	74.5	10
M75	15	86.5	10

### Certification Details

- Increased Safety and Flameproof Exe I Mb, Exd I Mb, Exe IIC Gb, Exd IIC Gb, Extb IIIC Db, IM2 / II 2GD.
- Certificate No's: Baseefa 11ATEX0149X and IECEx BAS 11.0071X.
- Ex TC RU C-GB.Γ505.B.00750 EAC
- 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.

### Ordering Information

Product	Thread Size	Material	Finish
487	M32	Brass	Nickel Plated

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



# 489

## Breather Drain



### General Information

- The Breather Drain may only be fitted to the underside 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 Information

Product	Thread Size	Material	Finish
489	M20	Brass	Nickel Plated

### Certification Details

- Flameproof Exd I Mb, Exd IIC, Extb IIIC Db IM2 / II 2GD.
- Certificate No's: Baseefa 11ATEX0154X and IECEx BAS 11.0076X.
- Ex TC RU C-GB.Γ505.B.00750 EAC
- Ambient Temperature Range -60°C to +60°C.
- Temperature Classification: T6.
- Group I, II and III.