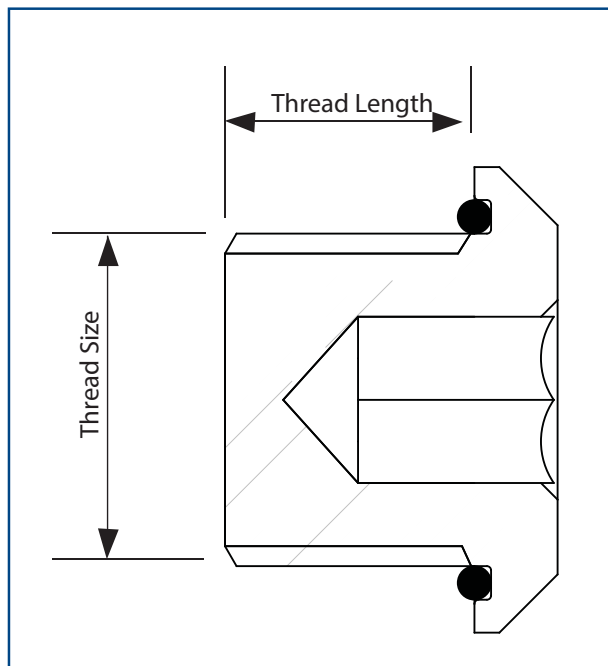


Operating temperature range -60°C +160°C



#### Product Materials:

Brass, Nickel Plated Brass and Stainless Steel (Aluminium Group II Only)  
O-Ring: Silicone

#### NOTE:

The standard thread pitch upto and including the M75 size is 1.5mm. On larger sizes, the standard pitch size is 2mm. The 1.5mm pitch can be supplied on these larger sizes to special order.

#### SPECIFIC CONDITIONS OF USE For Flameproof Applications

Note: This stopping plug must not be used with a thread adaptor / reducer in flameproof applications.

1. Ensure the stopping plug thread form is compatible with the enclosure thread.
2. Ensure that the area around the enclosure entry thread is clean and flat and the entry thread is square to the enclosure face.
3. Insert the stopping plug from the outside of the enclosure and fully tighten using the correct size of allen key.

#### SPECIFIC CONDITIONS OF USE

##### For Increased Safety Enclosures Threaded Entries

1. Ensure the stopping plug thread is compatible with the enclosure thread.
2. Ensure that the area around the enclosure entry thread is clean and flat and the entry thread is square to the enclosure face.
3. Insert the stopping plug from the outside of the enclosure and fully tighten using the correct size spanner or wrench.

##### For Clearance Entries

1. If the enclosure contains a clearance hole entry, the maximum clearance permitted between the enclosure entry hole and the stopping plug nominal thread size is 0.7mm.
2. Ensure that the area around the enclosure clearance hole is clean and flat.
3. Insert the stopping plug into the clearance hole from the outside of the enclosure.
4. Fit a locknut of the same thread type and size onto the stopping plug thread within the enclosure and tighten fully using suitable spanners or wrenches.

#### SPECIAL CONDITIONS FOR SAFE USE

1. The maximum operating temperature range of the stopping plug when fitted with a nitrile O-ring is -60°C to +80°C.
2. The maximum operating temperature range of the stopping plug when fitted with a silicone O-ring is -60°C to +160°C.
3. The maximum operating temperature range of the stopping plug without an O-ring fitted is -60°C to +200°C.
4. When the stopping plug is fitted in plain holes in increased safety or dust protected enclosures, the sealing face of the enclosure is to be smooth and the hole no larger than 0.7mm above the major diameter of the male thread on the stopping plug. The stopping plug is to be secured with a locknut and optional locking washer.
5. When fitted in threaded holes, the sealing face of the enclosure is to be smooth, the threaded hole perpendicular to the wall of the enclosure and the thread medium fit.
6. When the stopping plugs are used for increased safety or dust protection and the O-ring is not fitted, the user is to ensure that the enclosure and stopping plug interface is suitably sealed, in accordance with EN 60079-14, to maintain the ingress protection rating of the associated enclosure and protection concept.

#### Certification Details

Stopping Plug Type: 487  
Exeb I Mb / IIC Gb, Exdb I Mb / IIC Gb, Extb IIIC Db  
Baseefa 11ATEX0149X (Ex) I M2 / II 2 GD IP66 CE  
IECEx BAS11.0071X  
IEx No: 15.0291X  
EAC (Ex) TC RU C-GB.AA87.B.00430  
c CSA us No: 2700364  
Class I Zone 1 AExdb IIC Gb, AExeb IIC Gb,  
Zone 21 AExtb IIIC Db IP66  
(Optional: Class I Div 1 & Div 2 Groups ABCD, Class II Div 2 Groups EFG, Class III)

#### THREAD DETAILS

Thread Size Metric	Outside Diameter	Allen Key Size	Thread Length
M16	24.0	6	15.0
M20	26.5	10	15.0
M25	34.0	10	15.0
M32	45.0	10	15.0
M40	51.5	10	15.0
M50	61.5	10	15.0
M63	74.5	10	15.0
M75	86.5	10	15.0
M80	91.5	17	20.0
M90	101.5	17	20.0
M100	111.5	17	20.0
M110	121.5	19	20.0
M115	126.5	19	20.0
M120	131.5	19	20.0
M130	141.5	19	20.0

NB: Other parallel thread forms are available on request.

**EU Declaration of Conformity in accordance with European Directive 2014/34/EU**  
**Manufacturer: Hawke International**  
**Address: Oxford Street West, Ashton-under-Lyne, OL7 0NA, United Kingdom**

**Equipment Type: 487 Stopping Plugs (Group I & II)**

**Provisions of the Directive fulfilled by the Equipment:**

Group I Category 1M2 Exeb I Mb, Exdb I Mb – IP66 (This excludes Aluminium)  
Group II Category 2GD Exeb IIC Gb, Exdb IIC Gb, Extb IIIC Db – IP66

**Notified Body for EU-Type Examination:** SGS- Baseefa 1180 Buxton UK

**EU-type Examination Certificate:** Baseefa 11ATEX0149X

**Notified Body for production:** SGS- Baseefa 1180 Buxton UK

**Harmonised Standards used:**

EN 60079-0:2012+A11:2013, EN60079-1:2014, EN60079-7:2015, EN60079-31:2014

**On behalf of the above named company, I declare that, on the date the equipment accompanied by this declaration is placed on the market, the equipment conforms with all technical and regulatory requirements of the above listed directives.**



**A. Tindall**  
**Technical Manager**