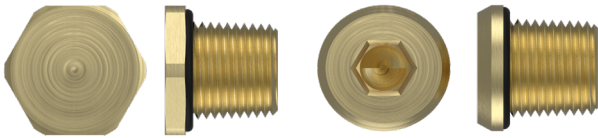




# PRODUCT TYPE SPMH & SPHH - NPT

# NPT Metallic Dome Head & Hex Head Stopping Plugs

Ex eb : Ex ta : IP66 : IP68 : AEx eb : AEx ta



## PRODUCT DESCRIPTION

“SPMH & SPHH - NPT” Series Certified Metallic Stopping (Blanking) Plugs provide a method of sealing unused entries in Ex equipment. They maintain Ex eb method of protection and IP66, IP68 for IEC type applications. They are Class 1 Zone 1 approved for NEC and CEC type applications whilst also maintain Type 4X/6P rating.

## COMPLIANCE STANDARDS:

EN 60079-0, EN 60079-7  
IEC 60079-0, IEC 60079-7 & IEC 60529  
C22.2 (see certificate), UL514B, ANSI/UL 60079-0/7, UL 50E

EXAMPLE PART NUMBERING:  
SPMHBE/NP/050NPT

<b>SP</b>	Stopping (Blanking) Plug
<b>MH</b>	Dome (Mushroom) Head (MH) / Hex Head (HH)
<b>1</b>	No IP O-ring (O) - Nitrile (T) - Silicone (3)
<b>B</b>	Brass (B) - Stainless Steel (S) - Aluminium (A)
<b>E</b>	Ex eb Certification
<b>K-V-H</b>	Locknut & Nylon (K), Fibre (V) or PTFE (H) IP Washer
<b>T</b>	Including Earth Tag
<b>S</b>	Including Serrated Washer
<b>1</b>	Quantity per kit
<b>NP</b>	Nickel Plated
<b>050NPT</b>	Male Thread

OPTIONAL ACCESSORIES:

<b>IP Washers</b>	(N) Nylon (ACNSW) / (V) Fibre (ACFSW) / (H) PTFE (ACPSW)
<b>Earth Tag</b>	(T) Brass (ACBET) / St-Steel (ACSET) / Aluminium (ACAET)
<b>Locknut</b>	(L) Brass (ACBLN) / St-Steel (ACSLN) / Aluminium (ACALN)
<b>Serrated Washer</b>	(S) Stainless Steel (ACSSW)

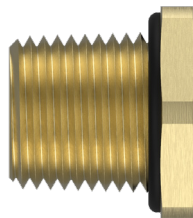
<b>IP RATING:</b>	IP66, IP68 (100m for 7 days) & Type 4X/6P
<b>OPERATING TEMPERATURE:</b>	O-ring - None -100°C to +400°C O-ring - Nitrile -30°C to +100°C O-ring - Silicone -60°C to +200°C
<b>MATERIALS:</b>	Brass, Stainless Steel or Aluminium
<b>PLATING:</b>	Electroless Nickel

## Male threads are manufactured in accordance with:-

- NPT and NPS threads are in accordance to ANSI B1.20.1
- ISO Pipe Taper to ISO 7-1 and BS21 (BSPT, Gc, Gk, Rk, PT & Kmpy 6)

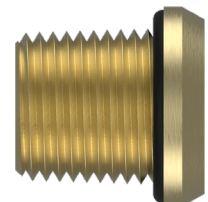
SPMH INFORMATION TABLE  
(ALL DIMENSIONS IN mm)

NPT Thread	A/F	Overall Length	Weight (Kgs)
1/4"	20.0	19.1	0.029
3/8"	24.0	19.3	0.045
1/2"	27.9	24.4	0.076
3/4"	33.0	24.7	0.118
1"	41.3	30.0	0.225
1 1/4"	50.0	31.1	0.379
1 1/2"	57.2	31.5	0.499
2"	70.0	32.9	0.814
2 1/2"	80.0	46.4	1.671
3"	106.4	49.5	2.652
3 1/2"	114.3	50.8	3.566
4"	127.0	52.0	4.602



SPHH INFORMATION TABLE  
(ALL DIMENSIONS IN mm)

NPT Thread	Hex Socket A/F	Overall Length	Weight (Kgs)
1/4"	6.0	20.6	0.027
3/8"	8.0	20.8	0.041
1/2"	10.0	25.4	0.062
3/4"	12.0	25.7	0.125
1"	12.0	30.5	0.202
1 1/4"	14.0	31.1	0.337
1 1/2"	17.0	31.5	0.451
2"	17.0	32.4	0.743
2 1/2"	19.0	45.4	1.499
3"	22.0	47.0	2.310
3 1/2"	22.0	48.3	3.133
4"	22.0	49.5	4.086



NOTES

- Assembly instructions must be read prior to installation and adhered to in full.
- Where applicable, the standard O-ring material is nitrile. Other options are available upon request.
- Aluminium versions are not suitable for Group I Mining applications.
- As per EN/IEC 60079-1 2014 Annex C SPMH / SPHH Stopping Plugs with tapered threads are not marked or intended for use in Ex db applications.
- Only products with Metric and NPT threads are marked with CSA approval.
- Brass product is not marked or intended to be used in Class I Division 1 installations.
- Peppers supply products with parallel entry threads that conform to the flameproof threaded joint requirements of IEC/EN 60079-1 and other equivalent standards. We usually incorporate a thread run out according to the general machining techniques and will not have a full form thread for the entire length. Peppers Cable Glands Limited will not be held responsible for clients' installations where this has not been taken into account.
- Where approval in addition to UKEX, ATEX, IECEx and CSA is required, this must be clearly requested at time of enquiry / order.