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Accessories:- Stopping Plugs - Type SPMH



Including type No's:

S	P	M	H	*
				S
				A

SPMH Series Dual Certified Metallic Dome Head Stopping Plugs provide a method of filling unused entries in Ex equipment while maintaining Flameproof Exd and Increased Safety Exe methods of explosion protection and IP66, 68 for IEC type applications. Class I, Division 2 and NEMA 4X, 6P for NEC/CEC type applications.

CERTIFICATION	<p>CENELEC SIRAOATEX1094 I M2 II 2DG E Ex de IandIIC SIRAOATEX1094 II 2DG E Ex de IIC (Aluminium)</p> <p>CSA / A Ex Class I, Zone 1, Ex de IandIIC Class I, Division 1and2 ABCD Class II EFG, Class III</p> <p>GOST R-Exde IIC POCC GB МП14.В00030</p> <p>IECEX Ex d IIC / Ex e II / Ex d I IECEX SIR 05.0042U</p>	
INGRESS PROTECTION	IP66 68, CSA Enclosure Type (NEMA) 4X 6P	
IMPACT RESISTANCE	20Nm (7Nm Aluminium)	
OPERATING TEMPERATURES	Nitrile 'O' Ring -30°C to +100°C Silicone 'O' Ring -50°C to +180°C	
MATERIALS	Brass CZ121 (SPMH) 316 Stainless Steel (SPMHS) Aluminium Alloy (SPMHA)	
THREADS	ISO Metric; NPT; NPS; ISO Pipe Thread (BSP Taper, BSP Parallel); PG	
SEALS	The standard 'O' Ring material is Nitrile	
PLATING	Zinc (ZP); Nickel (NP); Tin (TP); Electroless Nickel (EN)	
EXAMPLE PART NUMBER	<p>Sample: SPMH/NP/M20 SPMH - Stopping Plug type and body material (Brass) NP - Nickel plating M20 - Male thread size</p>	

SIZES AVAILABLE AND DIMENSIONAL REFERENCES							
Metric	Dim Ref	NPT	Dim Ref	ISO Pipe	Dim Ref	PG	Dim Ref
M16	B					7	A
M20	C	1/2"	D	1/2"	D	9	B
M25	C	3/4"	D	3/4"	D	11	C
M32	C	1"	F	1"	D	13.5	C
M40	C	1 1/4"	F	1 1/4"	D	16	C
M50	C	1 1/2"	F	1 1/2"	D	21	C
M63	C	2"	F	2"	D	29	C
M75	C	2 1/2"	G	2 1/2"	D	36	C
M80 x 2.0	E	3"	G	3"	D	42	C
M85 x 2.0	E	3 1/2"	G			48	C
M90 x 2.0	E	4"	G				
M100 x 2.0	E						

DIMENSIONS							
Dimension Reference	A	B	C	D	E	F	G
Head Diameter	Minimum 6.0mm larger than the major thread diameter						
Hex Socket A/F	6.0	8.0	10.0	10.0	10.0	10.0	10.0
Total Length	21.5	21.5	21.5	24.5	25.5	29.0	39.0
Thread Length	16.0	16.0	16.0	19.0	22.0	23.5	33.5

All Dimensions are in Millimetres

NOTES:

- SPMH type stopping plugs are designed for use within either clearance holes or parallel threaded entries, for taper threaded entries we would recommend the use of SPA type stopping plugs
- Full installation instructions are supplied with stopping plugs, the instructions must be read prior to installation and adhered to in full
- Unless otherwise stated ISO Metric entry threads have a 1.5mm pitch
- For Flameproof Exd applications the female thread into which the stopping plug is to be fitted must comply with clause 5.3 of EN 50018:2000 (clause 5.3 IEC 79-1)
- For NEC/CEC Explosion Proof applications an engagement of at least 8 full threads must be achieved for parallel threads and 5 full threads must be achieved for tapered threads
- Where metallic stopping plugs are fitted into non-metallic Increased Safety Exe enclosures they must be included within the earth circuit of the system
- When ordering one needs to specify if IECEx or ATEX certification is required. ATEX versions are supplied as standard.

<http://www.cableglands.com>