

# Peppers Cable Glands Limited

Stanhope Road, Camberley, Surrey, GU15 3BT United Kingdom  
 Telephone: +44 (0) 1276 64232  
 Facsimile: +44 (0) 1276 691752  
 Email: sales@peppers.co.uk



## Accessories:- Stopping Plugs - Type SPA or SPB



Including type No's:

S	P	*	*
		A	B
		B	S
			A

SPA or SPB Series Certified Metallic Stopping Plugs provide a method of filling unused entries in Ex equipment, maintaining Flameproof Exd method of explosion protection and IP54 for IEC type applications. Class I, Division 1 and NEMA 3 for NEC/CEC type applications.

SPA Type - Externally accessible hexagon recess

SPB Type - Internally accessible hexagon recess

CERTIFICATION	<p><b>CENELEC</b> SIRA99ATEX1113 II 2DG E Ex d IIC</p> <p><b>CSA / A Ex</b> Class I, Zone 1, Ex d IIC Class I, Division 1 &amp; 2 ABCD Class II EFG, Class III</p> <p>IECEX Ex d IIC IECEX SIR 05.0042U</p>	
INGRESS PROTECTION	IP54, CSA Enclosure Type (NEMA) 3	
IMPACT RESISTANCE	7Nm	
OPERATING TEMPERATURES	-100°C to +600°C	
MATERIALS	Brass CZ121 (SPAB, SPBB) 316 Stainless Steel (SPAS, SPBS) Aluminium Alloy (SPAA, SPBA)	
THREADS	ISO Metric; ET; NPT; NPS; ISO Pipe Thread (BSP Taper, BSP Parallel); PG	
PLATING	Zinc (ZP); Nickel (NP); Tin (TP); Electroless Nickel (EN)	
EXAMPLE PART NUMBER	Sample: <b>SPAB/NP/M20</b>  <b>SPA</b> - Stopping Plug type (Externally accessible hexagon recess) <b>B</b> - Body material (Brass) <b>NP</b> - Nickel plating <b>M20</b> - Male thread size	

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"	F	9	B
M25	C	3/4"	D	3/4"	F	11	C
M32	C	1"	E	1"	H	13.5	C
M40	C	1 1/4"	E	1 1/4"	H	16	C
M50	C	1 1/2"	E	1 1/2"	H	21	C
M63	C	2"	E	2"	H	29	C
M75	C	2 1/2"	G	2 1/2"	H	36	C
M80 x 2.0	G	3"	G	3"	H	42	C
M85 x 2.0	G	3 1/2"	G			48	C
M90 x 2.0	G	4"	G				
M100 x 2.0	G						

DIMENSIONS								
Dimension Reference	A	B	C	D	E	F	G	H
Hex Socket A/F	6.0	8.0	10.0	10.0	10.0	10.0	10.0	10.0
Length (min)	16.0	17.0	17.0	14.0	16.0	18.0	22.0	25.0

**All Dimensions are in Millimetres**

**NOTES:**

- 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

<http://www.cableglands.com>