

Conduit Fitting: Stopping Plug, DSP Series

Flameproof and Dust protection by enclosure

Zone 1 & 2 – 21 & 22



Application

The DSP stopping plugs are used for sealing or closing unused threaded entries of flameproof enclosure.

Specification

- Body : Aluminium or Brass (optional nickel-plated brass)
- Thread seal : Nylon (PA6) (for metric threads only)

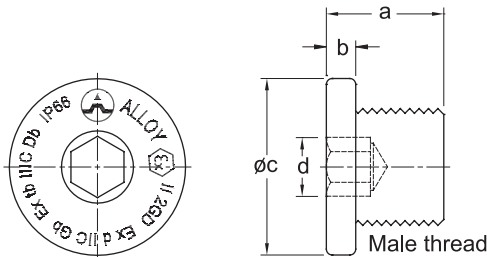


Brass Nickel-plated brass
Metric threads

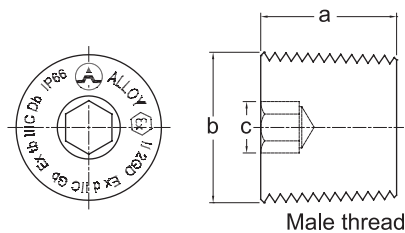


Brass Nickel-plated brass
NPT threads

Metric threads



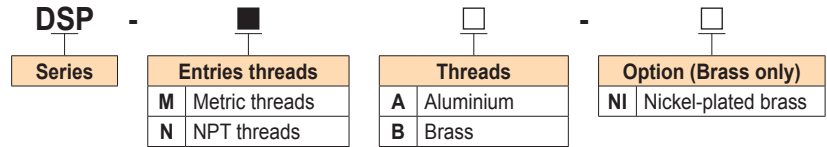
NPT threads



Technical Data

Hazardous Area	Gas	Dust
Zones	1 & 2	21 & 22
Equipment Group/Category	II 2G	II 2D
Symbol of Protection	Ex d IIC Gb	Ex tb IIC Db
Certificate No.	LCIE 13 ATEX 3046U IECEX LCIE 13.0028U	
T Rating	Temperature class of enclosure to which will be connected.	
Conformity to Standards	EN 60079-0:2012, EN 60079-1:2007, EN 60079-31:2009 IEC 60079-0:2011, IEC 60079-1:2007-04, IEC 60079-31:2008	
Ambient Temperature	-20°C to +75°C	
Index of Protection	IP66	

Catalogue Number Logic



Ordering Requirements and Dimension

Metric threads

Cat. No.	Entries Thread (Male)	Dimension in mm.				Approx. Weight (kgs.)	
		a	b	c	d	Aluminium	Brass
DSP-M0	M16x1.5	20.0	5.0	25.0	10.0	0.011	0.035
DSP-M1	M20x1.5	20.0	5.0	30.5	10.0	0.019	0.059
DSP-M2	M25x1.5	20.0	5.0	36.0	10.0	0.030	0.092
DSP-M3	M32x1.5	20.0	5.0	42.5	16.0	0.044	0.132
DSP-M4	M40x1.5	20.0	5.0	51.0	16.0	0.070	0.222
DSP-M5	M50x1.5	20.0	5.0	59.0	16.0	0.107	0.341
DSP-M6	M63x1.5	20.0	5.0	72.0	16.0	0.172	0.550
DSP-M7	M75x1.5	20.0	5.0	84.0	16.0	0.241	0.774
DSP-M8	M80x2.0	25.0	5.0	89.0	24.0	0.330	1.058
DSP-M9	M90x2.0	25.0	5.0	99.0	24.0	0.421	1.350
DSP-M10	M100x2.0	25.0	5.0	109.0	24.0	0.523	1.677

NPT threads

Cat. No.	Entries Thread (Male)	Dimension in mm.			Approx. Weight (kgs.)	
		a	b	c	Aluminium	Brass
DSP-N1	1/2" NPT	19.85	21.96	10.0	0.012	0.043
DSP-N2	3/4" NPT	20.15	27.29	10.0	0.024	0.078
DSP-N3	1" NPT	25.01	34.16	16.0	0.046	0.144
DSP-N4	1-1/4" NPT	25.62	42.92	16.0	0.083	0.259
DSP-N5	1-1/2" NPT	26.04	49.02	16.0	0.112	0.349
DSP-N6	2" NPT	26.88	61.08	16.0	0.187	0.628
DSP-N7	2-1/2" NPT	39.91	74.11	24.0	0.421	1.350
DSP-N8	3" NPT	41.50	89.99	24.0	0.663	1.124
DSP-N9	3-1/2" NPT	42.77	102.69	24.0	0.901	2.890
DSP-N10	4" NPT	44.04	115.39	24.0	1.181	3.784

