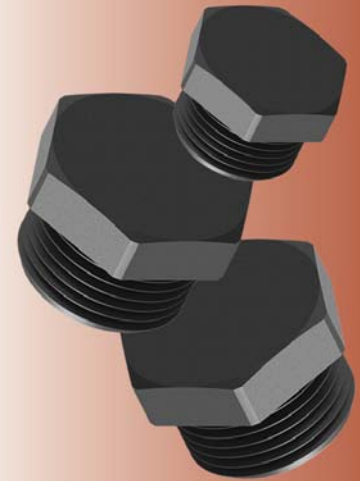


Polyamide Ex e Hexagonal Plugs 4 joule

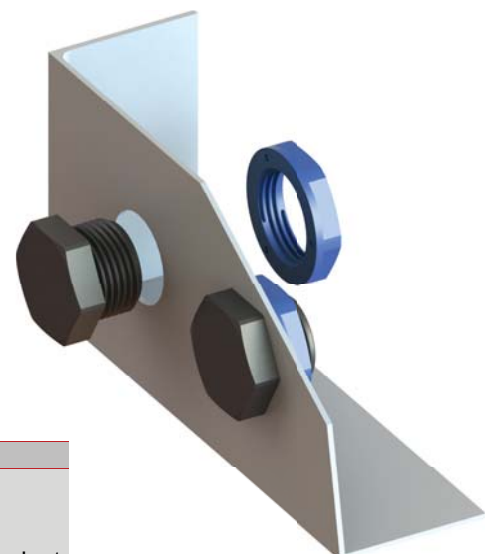
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Technical Details		
Material	Body, Cap Seal	PA
Protection Class	CR (Chloroprene Rubber), Silicone	
Operating Temperature	IP 68 - 5 Bar, 30 min IP 66	
Ex e/tb / Ex tb / Ex-i	Seal Material	
	Chloroprene Rubber	Silicone
	-40°C / +80°C	-60°C / +80°C
Equipment For	- Gas & Dust potentially explosive atmospheres. - Cable glands should be also used for intrinsically safe circuits Ex-i. These cable glands shall have a light blue colored cap. The symbol "I" will be added beside of the "BM" for order processing.	
Suitable for use in	Group II Group III	Gas Group IIC Dust Group IIIC
Equipment Marking	Ex II 2GD Ex e IIC Gb / Ex tb IIIC Db	
Marking Example	BMD TP-X2C Ex CE 0722 II 2GD Ex e IIC Gb Ex tb IIIC Db IP66/68 Ta-40°C +80°C IMQ 13 ATEX 010X IECEx IMQ 13.0003X	
Type Protection	Ex e ; Ex tb ; Ex i	
Impact Test Result	4J	
Thread Type	Metric (M) ISO 965-3	
Accessories	- Lock nuts - Gaskets	

Approvals		
	Certificate Number	Standards
	IMQ 13 ATEX 010X	EN 60079-0:2012 EN 60079-7:2007 EN 60079-31:2014
	IECEx IMQ 13.0003X	IEC 60079-0:2011 Edition:6 IEC 60079-31:2013 Edition:2 IEC 60079-7:2006 Edition: 4
		ISO 4892-2
	№ TC RU C-TR.Г505.B.00840	ГОСТ IEC 60079-1:2011 ГОСТ P МЭК 60079-0:2011 ГОСТ P МЭК 60079-7:2012 ГОСТ P МЭК 60079-31:2010 ГОСТ P МЭК 60079-14:2008
	DNV 14.0114 X	ABNT NBR IEC 60079-0:2008, ABNT NBR IEC 60079-7:2008 ABNT NBR IEC 60079-31:2011
	E-14045	IEC/EN60079-0, IEC/EN60079-7, IEC/EN60079-31 IEC/EN 62444

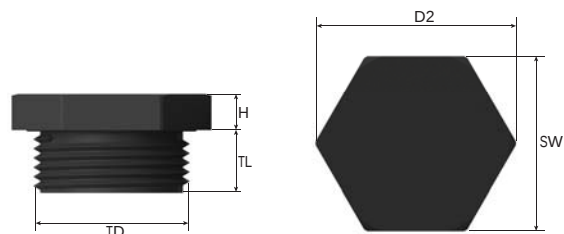
For more information see our webpage.



Order Encoding						
Part Number	•P: Metric •N: NPT Thread	for Blue Lock Nut I: Ex-i Ex-i	•X:Standard •SX: Small •MX: Medium •L: Long Thread Size	•C: Chloroprene •S: Silicone Seal	•GC: Chloroprene •GS: Silicone •GF: Fiber Gasket	Lock nut
T	P-	I	X2L	C	-	L

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Polyamide Ex e Hexagonal Plugs



Thread Type METRIC acc. to ISO 965-3						
Size	Thread Length TL mm	Thread Ø TD mm	Spanner Width SW mm	Outer min. Ø D2 mm	max. Height H mm	Part Number
M12x1,5	10,0	12,0	15	16,5	5,0	TP-X02
M16x1,5	11,0	16,0	19	21,0	4,0	TP-X01
M20x1,5	11,0	20,0	23	25,0	6,0	TP-X1
M25x1,5	10,0	25,0	28	31,0	6,7	TP-X2
M32x1,5	15,5	32,0	36	35,5	7,5	TP-X3
M40x1,5	18,0	40,0	46	51,0	9,0	TP-X4
M50x1,5	18,0	50,0	55	61,0	9,8	TP-X5
M63x1,5	18,0	63,0	69	76,0	9,6	TP-X6

See Example "A" for IP protection degree and clamping note:

The plugs Ex e II, can be used with circuits Ex i. These cable glands should have a nut painted [light blue](#). The plugs must be supplied with the flat washer for IP protection degree.

