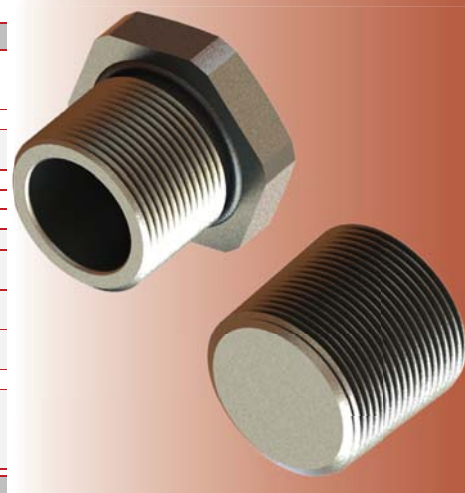


Ex d / e Plugs

Technical Details			
Material	Body	Brass, Brass Bickel Plated Stainless Steel Galvanised Steel	
	Seal	CR (Chloroprene Rubber)	
Protection Class	IP 68 - 5 Bar, 30 min IP 66		
Operating Temperature	Seal Material	Chloroprene Rubber	
	Ex d/e/tb	-40°C / +100°C	
Equipment For	• Gas & Dust potentially explosive atmospheres.		
Suitable for use in	Group II	Gas Group IIC	ZONE1/ZONE2
	Group III	Dust Group IIIC	ZONE21/ZONE 22
Equipment Marking	Ex II 2GD Ex d IIC Gb / Ex e IIC Gb / Ex tb IIIC Db		
Marking Example	BMD B-TS.. Ex CE 0722 II 2GD Ex e IIC Gb Ex tb IIIC Db Tq-40°C +100°C IP66/68 CESI 13 ATEX 066X / IECEx CES 13.0022X		
Type Protection	Ex d ; Ex e ; Ex tb		
Thread Type	<ul style="list-style-type: none"> • Metric (M) EN 60423 • Npt (N) ANSI ASME B1.20.1 • Pg (P) DIN 40430 • Pf (PF) GAS UNI ISO 228/1 		



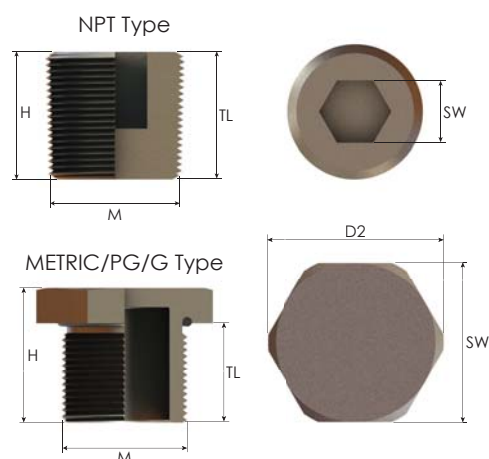
Approvals		
	Certificate Number	Standards
	CESI 13 ATEX 066X	EN 60079-0:2012 EN 60079-1:2007 EN 60079-7:2007 EN 60079-31:2009
	IECEx CES 13.0022X	IEC 60079-0:2011 Edition:6 IEC 60079-1:2007-04 Edition:6 IEC 60079-31:2008 Edition:1 IEC 60079-7:2006-07 Edition:4
	№ TC RU C-TR.ГБ05.В.00840	ГОСТ IEC 60079-1:2011 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 12.0150 X	ABNT NBR IEC 60079-0:2008, ABNT NBR IEC 60079-1:2009, ABNT NBR IEC 60079-7:2008, ABNT NBR IEC 60079-31:2011
	E-14044	IEC/EN60079-0, IEC/EN60079-7, IEC/EN60079-31, IEC/EN60079-1 & IEC/EN 62444

For more information see our webpage.



Order Encoding				
Code	•M: Metric •N: NPT •C: PF •P: Pg •G: Gas	B – Brass BN- Brass Nickel Plated X – Stainless Steel Z - Galvanised steel	•C: Chloroprene Sealing	Code Example
	Male Thread			
B-TS	M	BN	C	B-TS01BNC

Aquila Ex d / e Plugs



Thread Type METRIC acc. to EN 60423						
Thread Size	Thread Length TL mm	Thread Ø TD mm	Spanner Width SW mm	Outer min. Ø D2 mm	max. Height H mm	Part Number
M16x1.5	15,5	16,0	22,0	24,0	21,0	B-TS01M
M20x1.5	15,5	20,0	25,0	27,5	21,0	B-TS1M
M25x1.5	15,5	25,0	30,0	33,0	21,0	B-TS2M
M32x1.5	15,5	32,0	37,0	41,0	21,0	B-TS3M
M40x1.5	17,5	40,0	45,0	50,0	23,0	B-TS4M
M50x1.5	17,5	50,0	55,0	61,0	23,0	B-TS5M
M63x1.5	17,5	63,0	70,0	78,0	23,0	B-TS6M
M75x1.5	20,0	75,0	85,0	89,0	25,0	B-TS7M
M90x1.5	20,0	90,0	100,0	111,0	25,0	B-TS8M
M110x1.5	20,0	110,0	120,0	134,0	25,0	B-TS10M
Thread Type PG acc. to DIN 40430						
Thread Size	Thread Length TL mm	Thread Ø TD mm	Spanner Width SW mm	Outer min. Ø D2 mm	max. Height H mm	Part Number
Pg 9	16,5	15,2	20,0	22,0	22,0	B-TS2P
Pg 11	16,5	18,6	25,0	27,5	22,0	B-TS3P
Pg 13,5	16,5	20,4	25,0	27,5	22,0	B-TS4P
Pg 16	16,5	22,5	27,0	30,0	22,0	B-TS5P
Pg 21	17,0	28,3	35,0	39,0	22,0	B-TS6P
Pg 29	17,0	37,0	42,0	47,0	22,0	B-TS7P
Pg 36	17,0	47,0	55,0	61,0	22,0	B-TS8P
Pg 42	17,0	54,0	60,0	66,5	22,0	B-TS9P
Pg 48	17,0	59,3	65,0	72,0	22,0	B-TS10P
Thread Type PF(G) acc. to GAS UNI ISO 228/1						
Thread Size	Thread Length TL mm	Thread Ø TD mm	Spanner Width SW mm	Outer min. Ø D2 mm	max. Height H mm	Part Number
Pf 3/8"	17,5	17,14	22,0	24,0	23,0	B-TS01C
Pf 1/2"	18,0	21,34	25,0	27,5	23,0	B-TS1C
Pf 3/4"	18,0	26,67	32,0	35,5	23,0	B-TS2C
Pf 1"	22,0	33,40	37,0	41,0	27,0	B-TS3C
Pf 1 1/4"	22,0	42,16	45,0	50,0	27,0	B-TS4C
Pf 1 1/2"	22,0	48,26	55,0	61,0	27,0	B-TS5C
Pf 2"	22,0	60,33	65,0	72,0	27,0	B-TS6C
Pf 2 1/2"	22,0	73,03	85,0	94,0	30,0	B-TS7C
Pf 3"	22,0	88,90	95,0	105,0	30,0	B-TS8C
Pf 4"	22,0	114,30	120,0	134,0	30,0	B-TS10C
Thread Type NPT acc. to ANSI ASME B1.20.1						
Thread Size	Thread Length TL mm	Thread Ø TD mm	Spanner Width SW mm	Outer min. Ø D2 mm	max. Height H mm	Part Number
NPT3/8"	16,0	17,14	6,1	-	16,0	B-TS01N
NPT1/2"	21,0	21,34	10,1	-	21,0	B-TS1N
NPT3/4"	21,0	26,67	10,1	-	21,0	B-TS2N
NPT1"	26,0	33,40	14,1	-	26,0	B-TS3N
NPT1 1/4"	28,0	42,16	20,1	-	28,0	B-TS4N
NPT1 1/2"	28,0	48,26	25,1	-	28,0	B-TS5N
NPT2"	28,0	60,33	30,1	-	28,0	B-TS6N
NPT2 1/2"	41,0	73,03	45,1	-	41,0	B-TS7N
NPT3"	43,0	88,90	55,1	-	43,0	B-TS8N
NPT4"	45,0	114,30	65,1	-	45,0	B-TS10