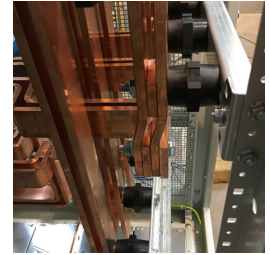
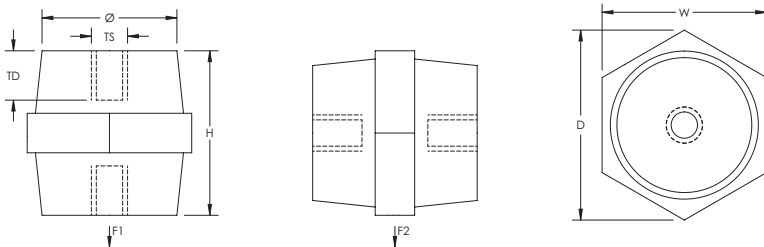


# ISO-TP Low Voltage Insulators, Metric Thread



- Halogen free
- High resistance to leakage current
- Great stability of electrical and mechanical parameters
- Fiberglass reinforced
- UL® Recognized in E125470 and evaluated for dielectric withstand rating of 1,500 VAC/DC
- RoHS compliant



Material: Steel, Glass Fibre Reinforced Polyamide  
 Finish: Electrogalvanized  
 Working Temperature: -40 to 130 °C  
 Flammability Rating: UL® 94V-0  
 Complies With: IEC® 60695-2-11 (Glow Wire Test 960 °C)  
 Dielectric Strength, UL: 1,500 VAC/DC



Part Number	Article Number	Height H	Hex Width W	Depth D	Thread Size TS	Thread Depth TD	Diameter Ø	Static Load 1 F1	Static Load 2 F2
Dielectric Strength, IEC 61439.1: 2,500 VAC @ 1 min – Insulation Voltage: 500 VAC, 500 VDC									
ISOTP15M4	548400	15 mm	14 mm	16 mm	M4	4.0 mm	12 mm	1,500 N	1,000 N
Dielectric Strength, IEC 61439.1: 3,500 VAC @ 1 min – Insulation Voltage: 1,000 VAC, 1,500 VDC									
ISOTP20M4	548410	20 mm	17 mm	20 mm	M4	4.0 mm	15 mm	1,500 N	1,000 N
ISOTP20M6	548420	20 mm	17 mm	20 mm	M6	6.0 mm	15 mm	1,500 N	1,000 N
ISOTP25M5	548700	25 mm	19 mm	20 mm	M5	6.0 mm	18 mm	3,000 N	1,600 N
ISOTP25M6	548430	25 mm	19 mm	20 mm	M6	6.0 mm	18 mm	3,000 N	1,600 N
ISOTP30M6	548440	30 mm	30 mm	34 mm	M6	8.0 mm	26 mm	6,000 N	3,000 N
ISOTP30M8	548450	30 mm	30 mm	34 mm	M8	8.0 mm	26 mm	6,000 N	3,000 N
ISOTP30M10	548451	30 mm	30 mm	34 mm	M10	8.0 mm	26 mm	6,000 N	3,000 N
ISOTP35M6L	548470	35 mm	41 mm	46 mm	M6	8.0 mm	34 mm	11,000 N	5,000 N
ISOTP35M8	548480	35 mm	41 mm	46 mm	M8	8.0 mm	34 mm	11,000 N	8,000 N
ISOTP35M10	548490	35 mm	41 mm	46 mm	M10	10.0 mm	34 mm	11,000 N	8,000 N
ISOTP40M6	548500	40 mm	46 mm	53 mm	M6	9.0 mm	40 mm	11,000 N	8,000 N
ISOTP40M8	548510	40 mm	46 mm	53 mm	M8	8.0 mm	40 mm	11,000 N	8,000 N
ISOTP40M10	548520	40 mm	46 mm	53 mm	M10	10.0 mm	40 mm	11,000 N	4,500 N
ISOTP40M12	548511	40 mm	46 mm	53 mm	M12	14.5 mm	40 mm	11,000 N	4,500 N

Part Number	Article Number	Height H	Hex Width W	Depth D	Thread Size TS	Thread Depth TD	Diameter Ø	Static Load 1 F1	Static Load 2 F2
ISOTP45M6	548530	45 mm	41 mm	47 mm	M6	9.0 mm	34 mm	11,000 N	6,500 N
ISOTP45M8	548540	45 mm	41 mm	47 mm	M8	15.0 mm	34 mm	11,000 N	6,500 N
ISOTP45M8L	548550	45 mm	50 mm	57 mm	M8	15.0 mm	41 mm	18,000 N	10,000 N
ISOTP45M10	548560	45 mm	50 mm	57 mm	M10	10.0 mm	41 mm	18,000 N	7,000 N
ISOTP50M6	548570	50 mm	50 mm	57 mm	M6	9.0 mm	41 mm	20,000 N	7,000 N
ISOTP50M8	548580	50 mm	50 mm	57 mm	M8	15.0 mm	41 mm	20,000 N	10,000 N
ISOTP50M10	548590	50 mm	50 mm	57 mm	M10	10.0 mm	41 mm	20,000 N	10,000 N
ISOTP50M12	548581	50 mm	50 mm	57 mm	M12	14.5 mm	41 mm	20,000 N	10,000 N
ISOTP60M8	548600	60 mm	55 mm	63 mm	M8	15.0 mm	44 mm	22,000 N	10,000 N
ISOTP60M10	548610	60 mm	55 mm	63 mm	M10	10.0 mm	44 mm	22,000 N	10,000 N
ISOTP60M12	548601	60 mm	55 mm	63 mm	M12	14.5 mm	44 mm	22,000 N	10,000 N
ISOTP60M16	548602	60 mm	55 mm	63 mm	M16	20.0 mm	44 mm	22,000 N	10,000 N
ISOTP70M10	548609	70 mm	65 mm	75 mm	M10	10.0 mm	52 mm	22,000 N	10,000 N
ISOTP70M12	548620	70 mm	65 mm	75 mm	M12	14.0 mm	52 mm	25,000 N	16,000 N
ISOTP70M16	548630	70 mm	65 mm	75 mm	M16	20.0 mm	52 mm	25,000 N	16,000 N
ISOTP75M10	548629	75 mm	65 mm	75 mm	M10	10.0 mm	51 mm	22,000 N	10,000 N
ISOTP75M12	548640	75 mm	65 mm	75 mm	M12	14.0 mm	51 mm	30,000 N	16,000 N
ISOTP75M16	548650	75 mm	65 mm	75 mm	M16	20.0 mm	51 mm	30,000 N	16,000 N
ISOTP80M12	548660	80 mm	65 mm	75 mm	M12	14.0 mm	52 mm	30,000 N	16,000 N
ISOTP80M16	548670	80 mm	65 mm	75 mm	M16	20.0 mm	52 mm	30,000 N	16,000 N
ISOTP100M12	548680	100 mm	65 mm	75 mm	M12	14.0 mm	46 mm	30,000 N	10,000 N
ISOTP100M16	548690	100 mm	65 mm	75 mm	M16	20.0 mm	46 mm	30,000 N	15,000 N

Creepage and clearance distances need to be in accordance with the relevant application standard.

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**WARNING**

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