SM Standoff Insulator

Brass Hexagonal Threaded Inserts
Hexagonal inserts have deeper grooves for firmer bonding to insulator material providing greater resistance to slipping and lifting.
Hexagonal inserts have a stronger thread due to increased wall thickness

Part	Brass Thread Size	Height	Width **Across Flat sides
SM-25-M5	M5	25mm	**26.5mm
SM-25-M6	M6	25mm	**26.5mm
SM-30-M8	M8	30mm	**32mm
SM-30-M10	M10	30mm	**32mm
SM-35-M8	M8	35mm	**32mm
SM-35-M10	M10	35mm	**32mm
SM-40-M8	M8	40mm	**40mm
SM-40-M10	M10	40mm	**40mm
SM-51-M8	M8	51mm	**35.5mm
SM-51-M10	M10	51mm	**35.5mm
SM-51-M12	M12	51mm	**35.5mm
SM-63-M10	M10	63mm	26.5mm Ø
SM-76-M8	M8	76mm	**50mm
SM-76-M10	M10	76mm	**50mm
SM-76-M12	M12	76mm	**50mm

Part Series	Rated Voltage (kV)	Impulse Voltage (kV)
SM-25	0.6	3
SM-30	0.6	3
SM-35	0.6	5
SM-40	0.6	5
SM-51	0.6	5
SM-63	0.6	8
SM-76	1.5	10

Certified System
Quality
ISO 9001
SAI GLOBAL

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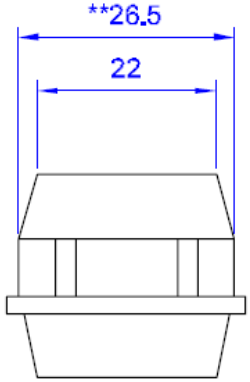
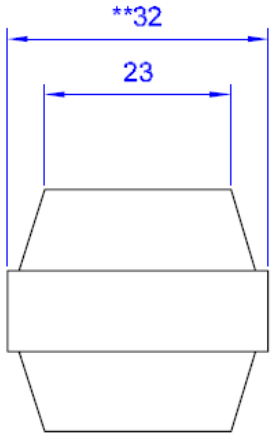
Raw Material	Glass Reinforced Polyester	
Specific Gravity	BS2782	1.8 – 1.9
Tensile Strength kgs / cm2	BS2782	400 – 425
Compression Strength kgs / cm2	BS2782	1100 – 1250
Flexural Strength kgs / cm2	BS2782	700
Impact Strength kgs / cm2	BS2782	18 - 22
Breakdown Voltage kV / mm	BS2782	11
Arc Resistance Seconds	ASTM D495	180
Track Resistance Volts (pending Type Test)	IEC 112	1000
Water Absorption Percentage	BS2782	<0.2
Surface Resistivity Log 10 Ohms cms	BS2782	12
Volume Resistivity Log 10 Ohms cms	BS2782	13
Flame Retardancy Self Extinguishing	ASTM 84	<25



SM-25



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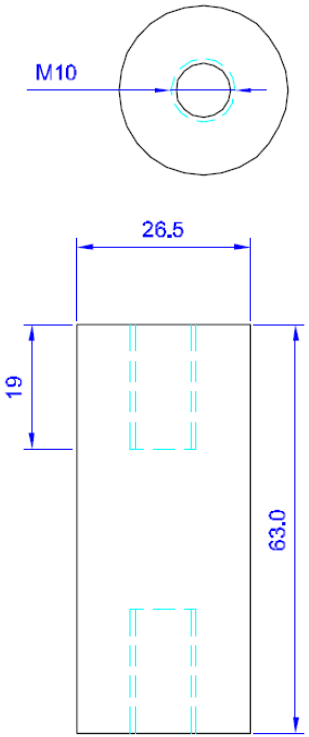

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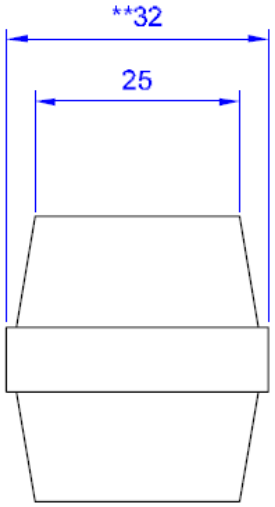
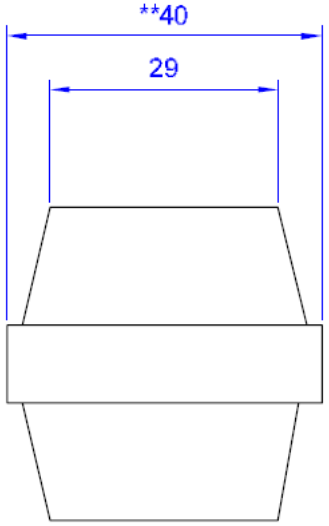


SM-35



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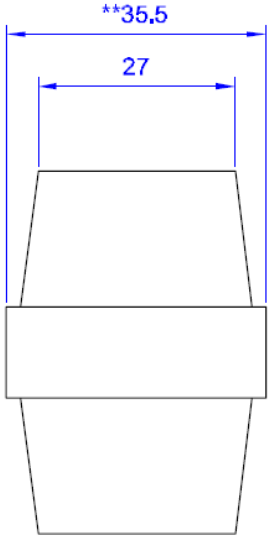
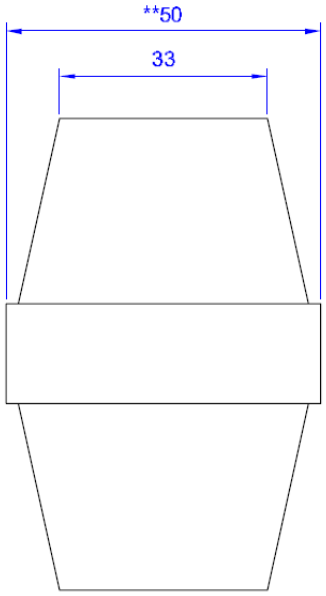


SM-51



SM-76

Suggested torque setting should not exceed 20ft/lb for attachment of studs / bolts. (Based on test report #SG8905 (SM-51-M10) available upon request)

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