

# Porcelain Insulator

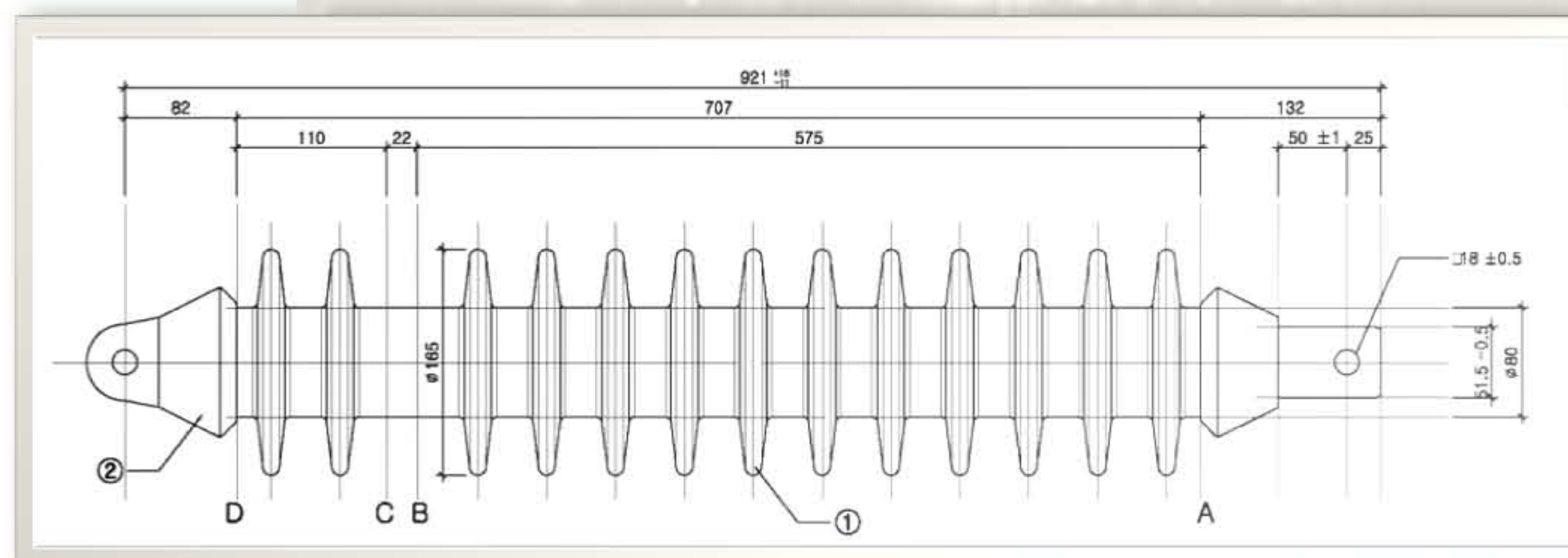
## Stem Insulator

### [Overview]

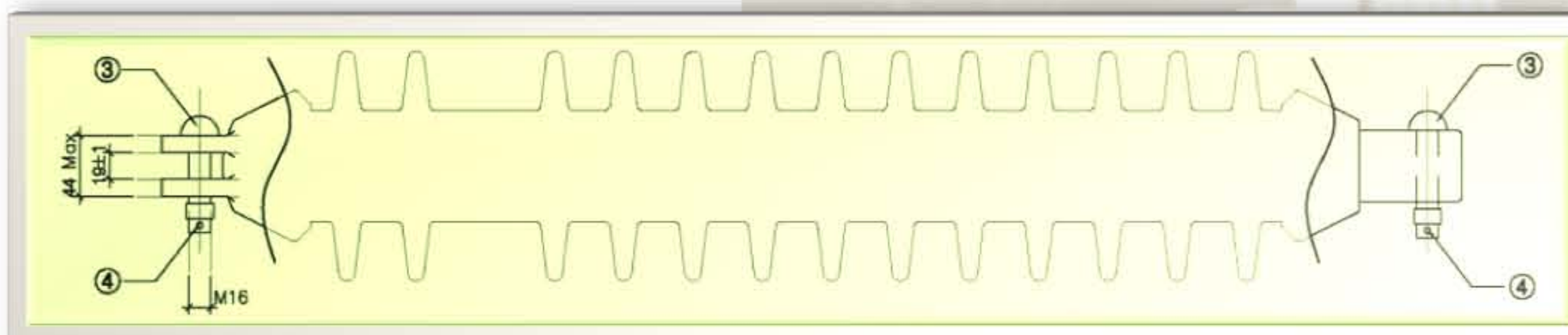
The structure of stem insulator is attached shed on porcelain rod(solid-core), and cap metals are fitted at the end of it. There are many types of insulator on the different working voltage and protection type of flashover(double insulation or not), choose the one of them and use.



[Product image]



[Drawing of stem insulator]



[Drawing: Fitting metals of stem insulator]

### [Specification]

Test item		Requirement (TYPE-m)	
Dimension	Surface creepage distance, mm	A~B	1,250
		C~D	230
Mechanical Property	Bending failing load, kN	-	3.5
	Tensile proof load [1 minute], kN	-	35.3
Electrical Property	Low-frequency Dry flashover voltage, kV	A~B	230
		C~D	70
	Low-frequency Wet flashover voltage, kV	A~B	180
	C~D	50	
	50% Lighting impulse flashover voltage, kV (1.2 x 50 μs)	A~B	380
		C~D	100



[Field application: From Incheon international airport to Seoul station]

