

## Messenger wire and contact wire insulators

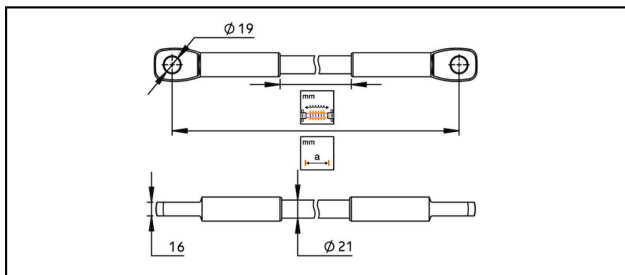
### ■ TSIO19 Catenary insulators



**Application**  
Catenary insulator

**Characteristics**  
SML: 100 kN  
Nominal working tensile load 40 kN

**Material**  
Stainless steel, fiberglass rod PTFE coated



Article-Nr.	mm a	mm a							Kg
657.023.724	2750	2500							2.9

Technical Specifications: **Catenary insulators TSI019**

Article No.	657.023.724
<b>Length a</b>	2750 mm
<b>Creeping distance</b>	2500 mm
<b>Specified mechanical load (SML)</b>	100 kN
Commercial specification	
<b>Customs number</b>	85353000
<b>country of origin</b>	ZA*
Logistic specification	
<b>Kilo / piece</b>	2.9 kg

