

# TECHNICAL DATA SHEET

## 1. IDENTIFICATION OF THE PRODUCT

**NAME OF THE PRODUCT** Dust removing needle blister pack of (10 units.)  
**CODE** 100069

## 2. COMPOSITION/INFORMATION ON INGREDIENTS

Root canal post instrument of a special steel alloy (stainless spring steel).

Contains :

Carbon	<0.1%
Silicon	<2.01%
Manganese	1.0-2.0%
Phosphorus	<0.03%
Sulfurus	<0.015%
Chromium	16.0-18.0%
Nickel	6.0-10.0%
Molybdenium	<0.7%
Iron	According

The used special steel alloy refers to following standards:  
ISO 6931-1 Stainless Steels Grade 1  
DIN EN 10270-3

## 3. PHYSICAL AND CHEMICAL PROPERTIES

Density:	7,9 g/cm <sup>3</sup>
Thermal conductivity (20°C):	15.0 W/m°C
Resistivity (20°C):	0.80Ωm
Thermal expansion per °C	x10 <sup>-6</sup>
20°C up to 100°C:	17,0
Permeability, $\mu_{max}$ :	about 10
Tensile strength Mpa:	2000-2500

The technical information is in accordance with our experience. We assure the quality of the product. However, the conditions of use are not under our control and we cannot assume any responsibility of the obtained results.