



Main characteristics

- High boron concentration
- Tight geometric tolerance

Applications

- PM Fibre

The high precision stress rods we produce are manufactured to meet your exacting dimensional needs. We have a wide range of diameters/index of precision finished rods, manufactured with tight tolerances.

Specifications

Type	Boron stress rod
External diameter ⁽¹⁾ (mm)	14 +/- 0,1
Core diameter (mm)	< 9
Index / Silica index ⁽²⁾	-7,10 ⁻³
Core ovality (%)	< 2
Conicity	< 2
B ₂ O ₃ concentration	10 - 18 %
Appearance	Flawless
Bubbles counts (> 100 µm)	None

(1) The undoped external silica clad layer can be removed to leave only a thin layer (100 µm) around the doped core

(2) Note that due to the intrinsic stresses the refractive index of the rod is not a suited measure for the boron doped content.

