

## WIRAND® FIBRE FS1

### DESCRIPTION:

WIRAND® FS1 steel wire fibres for concrete reinforcement.

### TYPE:

Wirand® FS1

### NOMINAL DIMENSIONS:

- Diameter (D) : 0,55 mm
- Length (L) : 37 mm
- Aspect ratio (L/D) : Ratio between length (L) and diameter (D) :  $37/0,55 = 67$

### WIRE MECHANICAL PROPERTIES:

$R_m$  (Tensile strength of the wire) : > 1200 MPa  
 $\epsilon$  (Strain at failure) : < 4%

### SHAPE:

The ending shapes WIRAND® FS1 fibre are very important to grant adhesion between fibre and concrete.

### REFERENCE STANDARDS:

- UNI-EN 10016 "Non-alloy steel rod for drawing and/or cold rolling - Part 1: General requirements".
- UNI-11037 - Fibre di acciaio da impiegare nel confezionamento di conglomerato cementizio rinforzato.
- pr-EN 14889-1 - Fibres for concrete - Part 1: Steel fibres - Definition, specifications and conformity.

### PACKAGING:

The WIRAND® FS1 fibre are delivered packed in big bags of 600, 750, 950 kg weight, or in carton boxes of 20 kg.

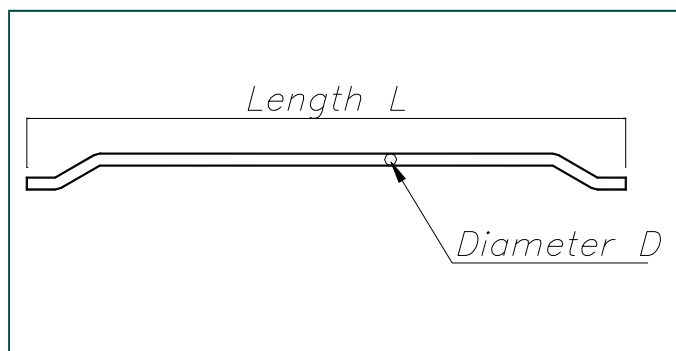


Figure 1 - Drawing of product

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