KRAMPE HAREX®
KNOW WHY.

Data Sheet | Fibres

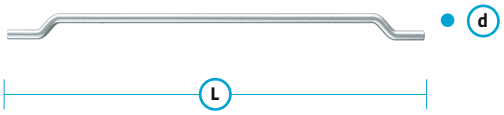
Version 04/2017

WIRE FIBRE
HOOKED ENDS

1 Type of fibre | 3 Length | 5 Material Specification

DE 60/0,90 N

2 Shape of fibre | 4 Diameter



GEOMETRY

1 **Type of fibre**	wire fibre
2 **Shape of fibre**	hooked ends
3 **Length (L)**	60 mm ± 10%
4 **Diameter (d)**	0,90 mm ± 10%
Cross section	round
Ratio (L/d)	67

FIBRE NETWORK

Quantity of fibres	3.350 fibres/kg
Minimum dosage	15 kg/m³

MATERIAL PROPERTIES

5 **Material specifications**	Normal tensile strength
Material	Steel
Material number	1.0313
Tensile strength	1.150 N/mm²
Modulus of elasticity	210.000 N/mm²

CERTIFICATIONS & SYSTEM APPROVALS

Standards (DIN)	EN 14889-1
Certifications (DIN)	EN ISO 9001:2008, EN ISO 50001

Subject to change without notice. All specifications are only a general description of our products. For detailed information please ask for our product leaflets.

INFO

Krampe Harex® Fibres are a cost effective solution to conventional reinforcement methods.:

- **Industrial floors**
- **Tunneling applications**
- **Precast concrete elements**
- **Applications in residential buildings**

In relation to our **Service+** offer, we determine the suitable type of fibre, the optimal dosage and the necessary concrete strength. Further information can be found on our website **krampeharex.com**.

PACKAGING

Bags | **Boxes*** | **Big Bag**

STORAGE

Keep Dry

* Fibres are magnetically linearized.

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