



# KRAMPE HAREX®

## KNOW WHY.

### Data Sheet | Fibres

Version 03/2019

## WIRE FIBRE STRAIGHT STEEL FIBRES

- 1 Type of fibre
- 3 Length
- 5 Material Specification

# DG 20/0,4 - E 309

- 2 Shape of fibre
- 4 Diameter



#### GEOMETRY

1 Type of fibre	wire fibre
2 Shape of fibre	Straight steel fibres
3 Length (L)	20 mm ± 10%
4 Diameter (d)	0,4 mm ± 10%
Cross section	round
Ratio (L/d)	50

#### FIBRE NETWORK

Quantity of fibres	50.600 fibres/kg
Minimum dosage	- kg/cm <sup>3</sup>

#### MATERIAL PROPERTIES

5 Material specifications	Stainless steel (309)
Material	Stainless steel
Material number	1.4828
Tensile strength	1.700 N/mm <sup>2</sup>
Modulus of elasticity	~ 200.000 N/mm <sup>2</sup>

#### CERTIFICATIONS & SYSTEM APPROVALS

Standards (DIN)	EN 14889-1
Certifications (DIN)	EN ISO 9001:2015, 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](http://krampeharex.com).

#### PACKAGING



Bags



Boxes\*



Big Bag



Keep Dry

\* Fibres are magnetically linearized.