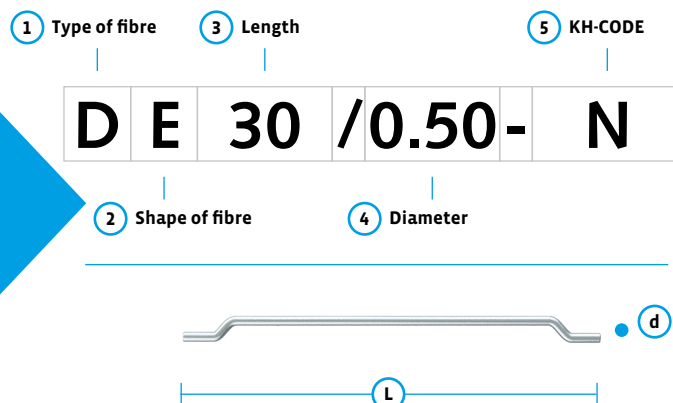


Data Sheet | Fibres

Version 12/2021

WIRE FIBRE hooked ends



GEOMETRIE

1 Type of fibre	wire fibre
2 Shape of fibre	hooked ends
3 Length	30 mm ± 10 %
4 Diameter	0.50 mm ± 10 %
Cross section	round
Ratio (L/d)	60

FIBRE NETWORK

Quantity of fibres	21,620 fiber/kg
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MATERIAL NUMBER & KH-CODE

DIN	1,0313
AISI	-
5 KH-Code	N

CERTIFICATIONS & SYSTEM APPROVALS

Certifications (DIN)	EN ISO 9001:2015, EN ISO 50001
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MATERIAL PROPERTIES

Material	steel
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TEMPERATURE CHARACTERISTICS

Periodic operation	820 °C
Continuous operation	880 °C
Melting temperature	1490 °C

CHEMICAL ANALYSIS

Carbon C	0.05-0.09 %
Manganese Mn	0.30-0.60 %
Phosphor P	0.035 %
Sulphur S	0.035 %
Chrome Cr	0.20 %
Nickel Ni	0.25 %
Aluminium Al	0.01 %
Silicon Si	0.30 %
Nitrogen N	0 %

Subject to change without notice. All specifications are only a general description of our products.

INFO

KrampeHarex® fibres are a cost effective solution:

- > Iron and steel industry
- > Petrochemical industry / Energy development
- > Cement and chalk industry
- > Waste incineration plants

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



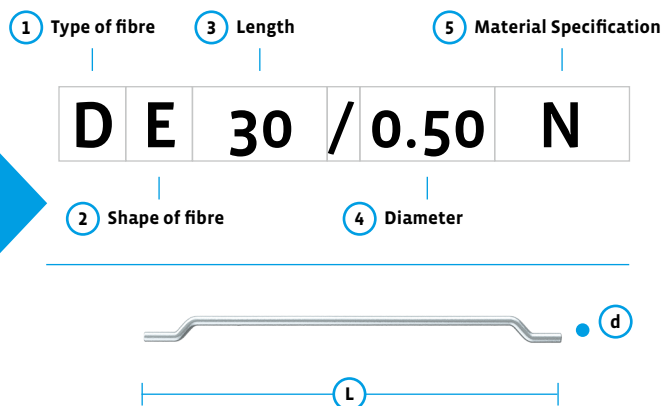
Keep
Dry



Data Sheet | Fibres

Version 12/2021

WIRE FIBRE hooked ends



GEOMETRY

1 Type of fibre	wire fibre
2 Shape of fibre	hooked ends
3 Length	30 mm ± 10 %
4 Diameter	0.50 mm ± 10 %
Cross section	round
Ratio (L/d)	60

MATERIAL PROPERTIES

5 Material	steel
Material number	1.0313
Tensile strength	1,350 N/mm ²
Modulus of elasticity	210,000 N/mm ²

CERTIFICATIONS & SYSTEM APPROVALS

Standards	DIN EN 14889-1
Certifications (DIN)	EN ISO 50001, EN ISO 9001:2015



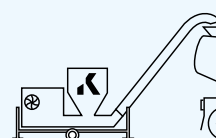
GENERAL FIBER INFORMATION

Quantity of fibres (ref. 1 kg)	~ 21,626
Total fiber length (ref. 1 kg)	648 m

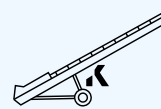
DOSAGE

Minimum dosage (CE)	15 kg/m ³
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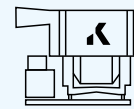
DOSING DEVICES



Fibre Blower



Conveyor belt



Automatic dosing system

SERVICE+

As part of our Service+ offer, we offer static calculation for industrial floors and other steel-fibre concrete elements, we recommend the suitable fibre type and optimal dosing.

You can also find more information at: krampeharex.com

Subject to change without notice. All specifications are only a general description of our products.

INFO

Application examples
 › Jointless industrial floors
 › Precast concrete elements
 › Residential Construction

SAFETY



Protective glasses



Gloves

PACKAGING (Standard)



Bags
20 kg Bag
1200 kg Palett



Boxes*
10/20 kg Box
1200 kg Palett



Big Bag
500 kg Big Bag
1000 kg Palett

*aligned and tightly packed

STORAGE



Keep Dry