

**KRAMPE HAREX®**

KNOW WHY.

Data Sheet | Fibres

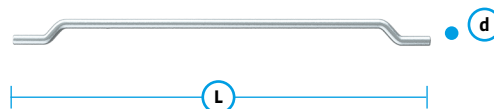
Version 12/2021

WIRE FIBRE hooked ends

① Type of fibre ③ Length ⑤ Material Specification

D E 30 / 0.40 - 310

② Shape of fibre ④ Diameter



GEOMETRY

① Type of fibre	wire fibre
② Shape of fibre	hooked ends
③ Length	30 mm ± 10 %
④ Diameter	0.40 mm ± 10 %
Cross section	round
Ratio (L/d)	75

MATERIAL PROPERTIES

⑤ Material	stainless steel
Material number	1,4845
Tensile strength	1,700 N/mm ²
Modulus of elasticity	200,000 N/mm ²

CERTIFICATIONS & SYSTEM APPROVALS

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



GENERAL FIBER INFORMATION

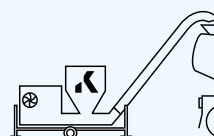
Quantity of fibres (ref. 1 kg) ~ 33,790

Total fiber length (ref. 1 kg) 1,013 m

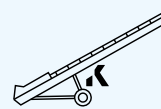
DOSAGE

Minimum dosage (CE) -

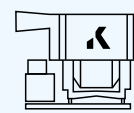
DOSING DEVICES



Fibre Blower



Conveyor belt



Automatic dosing system

SERVICE+

We give advice and recommendations on the right fibre, we help with the configuration and selection of a suitable dosing device.

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
 > Precast concrete elements
 > Sprayed concrete
 > UHPC

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

STORAGE



Keep Dry





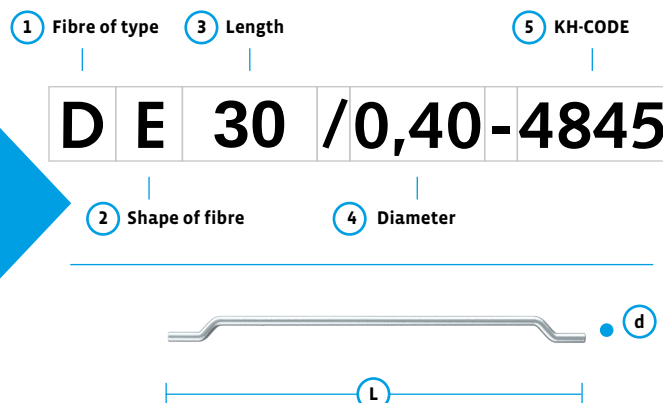
KRAMPE HAREX®

KNOW WHY.

Datasheet | Fibres

Version 02/2025

WIRE FIBRE hooked ends



GEOMETRY

1 Type of fibre	Wire fibre
2 Shape of fibre	hooked ends
3 Length	30 mm ± 10 %
4 Diameter	0.40 mm ± 10 %
Cross section	round
Ratio (L/d)	75

FIBRE NETWORK

Quantity of fibres	33,791 fibre/kg
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MATERIALNUMBER & KH-CODE

DIN	1.4845
AISI	E310
5 KH-Code	4845

CERTIFICATIONS & SYSTEM APPROVALS

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

Material	stainless steel
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TEMPERATURE CHARACTERISTICS

Periodic Operation	1040 °C
Continuous operation	1150 °C
Melting temperature	1430 °C

CHEMICAL ANALYSIS

Carbon C	0,20 %
Manganese Mn	2,5 %
Phosphor P	0,045 %
Sulphur S	0,015 %
Chrome Cr	24,0-26,0 %
Nickel Ni	19,0-22,0 %
Aluminium Al	0 %
Silicon Si	1,50-2,50 %
Nitrogen N	0,11 %

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INFO

KrampeHarex fibres are a cost effective solution:

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

PACKAGING



Bags



Box



Big Bag

STORAGE



Keep dry

