



KRAMPE HAREX®

KNOW WHY.

Data Sheet | Fibres

Version 02/2025

WIRE FIBRE

hooked ends

- 1 Fibre of type
- 2 Shape of fibre
- 3 Length
- 4 Diameter
- 5 Material Specification

D E 25 / 0,40 - 304



GEOMETRY

1 Type of fibre	Wire fibre
2 Shape of fibre	hooked ends
3 Length	25 mm ± 10 %
4 Diameter	0.40 mm ± 10 %
Cross section	round
Ratio (L/d)	63

FIBRE NETWORK

Quantity of fibres	40,548 fibre/kg
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MATERIALNUMBER & KH-CODE

DIN	1.4301
AISI	E304
5 KH-Code	4301

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	870 °C
Continous operation	980 °C
Melting temperature	1450 °C

CHEMICAL ANALYSIS

Carbon C	0,07 %
Manganese Mn	2,0 %
Phosphor P	0,045 %
Sulphur S	0,015 %
Chrome Cr	18,0-20,0 %
Nickel Ni	8,0-11,0 %
Aluminium Al	0 %
Silicon Si	1,0 %
Nitrogen N	0,11 %

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

PACKAGING



Bags



Box



Big Bag

STORAGE



Keep dry





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Data Sheet | Fibres

Version 07/2022

WIRE FIBRE

hooked ends

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

D E 25 / 0.40 - 304

- ② Shape of fibre
- ④ Diameter



GEOMETRY

① Type of fibre	wire fibre
② Shape of fibre	hooked ends
③ Length	25 mm ± 10 %
④ Diameter	0.40 mm ± 10 %
Cross section	round
Ratio (L/d)	63

MATERIAL PROPERTIES

⑤ Material	stainless steel
Material number	1,4301
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



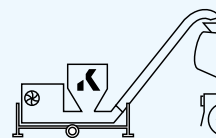
GENERAL FIBER INFORMATION

Quantity of fibres (ref. 1 kg)	~ 40,548
Total fiber length (ref. 1 kg)	1,013 m

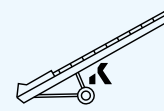
DOSAGE

Minimum dosage (CE)	-
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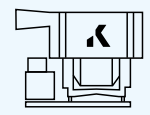
DOSING DEVICES



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

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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