

Technical data sheet

Hooked flat-end steel fibres

HFE 90/60

Dimensions

Wire diameter (d)	0.90 mm	(± 0.05 mm)
Fibre length (L)	60.0 mm	(± 1.50 mm)
Width of flattened ends (B)	≥ 1.60 mm	
Hook length (l and l')	3.00 mm	(± 1.00 mm)
Length of flattened ends (e1 and e2)	1.50	(± 1.00 mm)
Hook depth (h and h')	1.80	(+1/-0 mm)
Bending angle α and α'	45°	(min 30°)
Aspect ratio L/d	67	
Number of fibres per kg	3200	
Total fibre length per 10 kg	1920 m	

Packaging

Recyclable cardboard boxes	
Net weight/box	25 kg
Boxes/palette	48
Weight/palette	1200 kg
The fibres are oriented in one direction	
Palettes are wrapped or welded in a plastic folio	
Available also from stock in big bag of 500 kg	

Miscellaneous

The described fibre is in accordance with the following standards:

- EN 14889-1 type 1 (cold-drawn wire),
- ASTM A820/A820M-04 type 1 (cold-drawn wire).

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Material characteristics

- Tensile strength of drawn wire 1200 N/mm²

