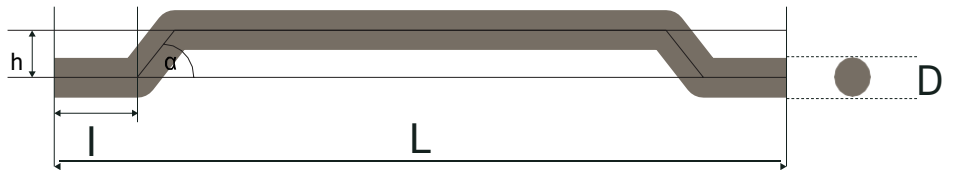


Hooked-end fibers

FMH 45/50 M12



Fiber properties

Aspect ratio L/D	45
Total length L (mm)	50±2
Diameter D (mm)	1,05±0,04
Tensile strength (MPa)	1200
Ending length l (mm)	1-4
Height h (mm)	1,8±0,5
Angle (°)	45±5

Material properties

Hard steel wire with low carbon content

Wire	OLC 25 STANDARD SF 134/2006
Surface	matte
Tensile strength	1200 MPa*
Chemical composition	C max. 0,24%
	Mn max. 0,25%-0,50%
	Si max. 0,05%
	P max. 0,04%
	S max. 0,05%

Applications

- highways
- industrial floors
- tunnel lining
- blast resistant structures
- thin shells
- slope stabilization
- water and oil tanks
- foundations

Benefits

- higher resistance to cracking
- reduced permeability
- improved structural strength
- reduced material volume
- reduced labor costs
- simplify. placement process
- time-saving
- lower embodied energy for the entire process

Packaging

- Paper bags and Big Bags



- Pallets of 1000-1250 kg



Standards

- EN 14889-1:2007
- ASTM A820 (Type 1)

Certifications



Storage



*Average value achieved in factory tests. Certified: 1100 MPa.