



Spiral Anchor

Rolled, twisted spiral anchor with two threads made of austenitic stainless steel for repairing masonry

Type/Name	Specification	Availability		
		Quantity per pallet	1500	120
		Size / Quantity	1 m	10 m
		Type of container	Unit/pack	Roll
		Container code	01	01
		Art. no.		
Spiral Anchor 6/1000	Ø 6 mm, max. permissible tensile load/yield point 7.2 kN/6.0 kN, extension 5.1%, E-modulus approx. 156 MN/m ²	4331	■	
Spiral Anchor 8/1000	Ø 8 mm, max. permissible tensile load/yield point 8.8 kN/7.5 kN, extension 4.7%, E-modulus approx. 148 MN/m ²	4334	■	
Spiral Anchor 6/10000	Ø 6 mm, max. permissible tensile load/yield point 7.2 kN/6.0 kN, extension 5.1%, E-modulus approx. 156 MN/m ²	4325		■
Spiral Anchor 8/10000	Ø 8 mm, max. permissible tensile load/yield point 8.8 kN/7.5 kN, extension 4.7%, E-modulus approx. 148 MN/m ²	4326		■

Range of use

- Subsequent reinforcement and anchorage of masonry work
- Repairing cracks
- Can be embedded in brick and natural stone masonry

Property profile

- Uniform application of force
- High tensile strength
- Elastic behaviour like that of a strong spring
- Excellent connecting properties
- Small cross-sectional area
- Stainless

Possible system products

- [Spiral Anchor Mortar M20 \(1028\)](#)
- [Spiral Anchor Mortar M30 \(1030\)](#)

Tools / Cleaning



Tools for working with Spiral Anchor and Spiral Anchor Mortar:

- 1 x pointing gun
- 1 x black nozzle (joint width from 13 mm)
- 1 x grey nozzle (joint width 4 to 12 mm)
- 1 x stirrer

Declaration of conformity



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GBI P 102-1

EN 10002-1:2001, 845-1: 2003

4331

Symmetrical construction product consisting of a helical stainless reinforcing wire for structural application used for bed joint reinforcement, connections of construction units and connection between external and internal part of cavity wall.

Material: Austenitic stainless steel, designation 1.4567
Reference R3
Tensile strength: Diameter 6 mm - 7200 N, Diameter 8 mm - 8800 N

Ø mm	Area mm ²	Yield point E-Modulus	
		N/mm ²	GPa
6	8	745	156.269
8	10	745	148.813

Length: 500 mm

Test results (tensile loads): Described in report LOK-1118-A-08

Compressive load: Calculated acc. EN 1996

Bond strength: Described in report LOK-1118-A-08

Water penetration resistance: Resistant

Dangerous substances: NP

Please note that the data and information given above have been calculated as guidelines in the laboratory and from real-life experience and are therefore not binding as a basic principle.

This information is therefore of a general nature only and describes our products and how they are used and worked with. In this respect, it must be borne in mind that the varied and diverse nature of the

prevailing working conditions, materials used and construction sites encountered means that not every individual case can be covered. In this respect, we therefore recommend either conducting tests or liaising with us in the event of any doubt. Unless we have provided express written assurance of the products' specific suitability or characteristics in respect of a contractually stipulated intended use, any technical application-related advice or instruction will never

be binding, even though it is provided to the best of our knowledge. In all other respects, our general terms and conditions of sale and delivery shall apply.

When a new version of this Technical Data Sheet is published, it shall replace the previous version.