



PRODUCT DATASHEET

ELITA® Stainless steel screw

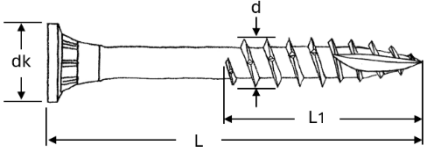
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FIXINGGROUP GmbH
www.fixinggroup.com
office@fixinggroup.com

1. Unique identification code of the product type	ELITA2 stainless steel screw
2. Label for identification of the product	Type description: See product packaging
3. Intended purpose of use	Screws for wood fastening
4. Manufacturer	FIXINGGROUP GmbH
5. Test method for evaluating and monitoring performance	System 3
6. Harmonized standard - CE declaration	EN 14592:2008 + A1:2012
7. Declared performance	CE declaration of conformity Nr. 001-06-2020

General information	
1.1 Material	- Edelstahl rostfrei A2 1.4567 Ø 4,5 mm Torsion ftork,k 3,4 Nm Ø 5,0 mm Torsion ftork,k 5,2 Nm

1.2 Dimensions					
Outer thread diameter +/-0,20 mm	d mm	4,50	5,00		
Diameter of the screw head	dk mm	6,5 - 7,0	7,5 - 8,0		
Total length of screw	L L1 mm +/-1,0	35 21	60 34		
		40 24	70 40		
		45 26	80 44		
		50 28			

FOR INTERNAL USE ONLY

All statements are based on our current knowledge and experience - no guarantee can be derived from our statements.
The suitability of the product for a specific application can only be guaranteed by our own tests and trials. Installation is in accordance with the manufacturer's specifications, Tips and tricks, installation instructions, technical rules, guidelines and country-specific regulations. The correct processing and installation of our products is beyond our control and therefore not our responsibility. Errors, modifications of the product range and technical changes are reserved.



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FIXINGGROUP GmbH
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1. Unique identification code of the product type	ELITA1 stainless steel screw
2. Label for identification of the product	Type description: See product packaging
3. Intended purpose of use	Screws for wood fastening
4. Manufacturer	FIXINGGROUP GmbH
5. Test method for evaluating and monitoring performance	System 3 Type testing
6. Harmonized standard	EN 14592:2008 + A1:2012
7. Performance	According to the tables below

General information	
1.1 Material	- Hardened stainless steel 1.4006 Ø 4,5 mm Torsion $f_{tor,k}$ 5,7 Nm Ø 5,0 mm Torsion $f_{tor,k}$ 8,1 Nm

7.1 Performance				Ø 4,5 mm	Ø 5,0 mm
Testing	Formula symbols	Unit	Specification	Results	
Pull-out parameters	$f_{ax,k}$	N/mm ²	charact. Value	17,10	16,80
Density	ρ	kg/m ³	Mean value	378,0	325,0
head pull-through parameter	$f_{head,k}$	N/mm ²	charact. Value	22,70	20,30
Density	ρ	kg/m ³	Mean value	497,0	499,0
Tensile strength	$f_{tens,k}$	N	charact. Value	8.418	10.127
Torsional strength	$f_{tor,k} / R_{tor,k} \geq 1,5$	Nm	charact. Value	achieved	achieved
Yield moment	$M_{y,k}$	Nm	charact. Value	3,99	6,26

7.2 Dimensions				
Outer thread diameter +/-0,20 mm	d mm	4,50	5,00	
Diameter of the screw head	dk mm	6,5 - 7,0	7,5 - 8,0	
Total length of screw	L L1 mm +/-1,0	35 21	60 34	
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