

LBT3 REPAIR LAG SCREW H10 HDG - Ø7,5x65



PRODUCT DEFINITION

- Wood repair screw Ø7,5 mm.
- Hexagonal head of 10 mm with collar of Ø13 mm.
- Pitch of 3,40 mm.
- Wood drill point.
- Natural or painted.
- Can be assembly with galvanized VULCA washer Ø16 mm.

SCOPE OF APPLICATION

- Repair fastener for roofing elements. Replaces the old LBT3 Ø6 mm lag screw.
- Excluding sea front.

MATERIAL & FINISH

Material:

- Lag screw:
Treated steel.
- Washer:
Steel DX51D – 1.0917 according to NF EN 10346 + EPDM (Ethylene Propylene Diene Monomer)

Coating:

- Lag screw:
Hot Dip Galvanized $\geq 450 \text{ g/m}^2$ - thickness $\geq 63 \text{ }\mu\text{m}$.
- Washer:
Galvanized Z275 - thickness $\geq 20 \text{ }\mu\text{m}$ according NF EN 10346.

Painting:

- Epoxy, polyester or polyurethane paint (Wide range of colours available).
- Thickness of painting according to TDS N°4453.
- The painting only gives an aesthetic character. It does not prejudice the nominal mechanical strengths.
In case of painting degradation, this product preserves its performance and does not derogate from the main function for which it is intended.

Corrosion resistance:

- Determined by Kesternich test according to NF EN ISO 3231:
Resist to more than 15 cycles before the appearance of red rust .
- Salt spray test according to NF EN ISO 9227:
No trace of red rust after 400 hours.


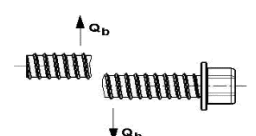
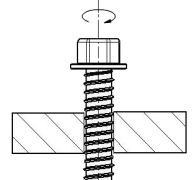
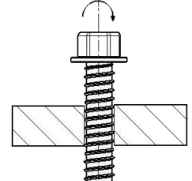
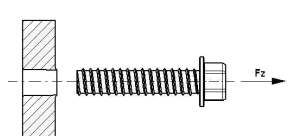
INSTALLATION

- The assembly is made with FEIN ASCS 6.3 screwdrivers with a torque limiter and a depth stop with socket for hexagonal screw of 10 mm.

Recommended tools:

- Screwdriver box 18V FEIN ASCS 6,3 (code: 321 652) + Starter set with 2 batteries and 1 charger (code: 321 654)
- One-piece socket for hexagonal screw of 10 mm - Length 65 mm (code: 323 510)

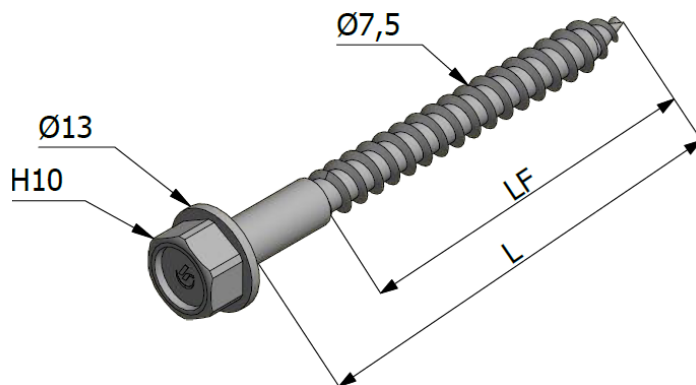
PERFORMANCES

<p>Characteristic tensile strength:</p>	<p>Ø 7,5: $f_{tens,k} = 1904 \text{ daN}$</p>	
<p>Characteristic shearing strength – 0.6 x Rm:</p>	<p>Ø 7,5: $f_{shear,k} = 880 \text{ daN}$</p>	
<p>Characteristic torsion strength:</p>	<p>Ø 7,5: $f_{tor,k} = 20 \text{ N.m}$</p>	
<p>Characteristic bending strength:</p>	<p>Ø 7,5: $M_{y,k} = 25 \text{ N.m}$</p>	
<p>☑ Pure tensile strength (Pk) in a fir wood support 450kg/m³:</p> <p>According to NF P 30-310</p> <p>Test realized after pulling out a lag screw Ø6 x 65 mm in advance. -----</p> <p>Test realized after having screwed and unscrewed a lag screw Ø6 x 65 mm in advance. -----</p> <p>Test realized by directly installing in the wood of a lag screw Ø7,5 x 65</p> <p>The indicated values don't include the safety factor and are indicative.</p>	<p>Ø7,5: Pk = 394 daN anchoring 50 mm -----</p> <p>Ø 7,5: Pk = 487 daN anchoring 50 mm -----</p> <p>Ø7,5: Pk = 543 daN anchoring 50 mm</p>	

Mechanical properties of EPDM of the VULCA washer:

- **Hardness:**
70 shore A.

DIMENSIONS & CODES



Ø x L. (mm)	L.F. (mm)	Code
Ø7,5 x 65	50	13 243

Ø: Nominal diameter - L.: Length - L.F.: Thread length

CONFORMITY

- Characteristic strengths are obtained from tests realized by the LR ETANCO laboratory.
- Fire reaction: A1 according to NF EN 13501-1.

MARKING & LABELLING

- On packaging: LBT3 REPAIR LAG SCREW H10 HDG + Ø7.5X65 + CODE.

QUALITY CONTROL

- ISO 9001 certified quality management system according to the certificate in force.

NOTA

These products are intended for professional installers landlords whose the related service includes supply and installation. In accordance with rules and normative regulation, it's their responsibility to check that the use of these products is in conformity to themselves needs and their customers. They have to insure as well the adequacy of this material with their real operating conditions. The company excludes any guarantee for the use that does not respect these conditions. His responsibility is limited to the strict compliance with the specifications stipulated on the customer's purchase order. The guarantee is limited to the replacement of defective parts acknowledged by the Company's technical service, without workforce costs and travel expenses. It excludes material damage or physical injury and others direct or indirect damages, material or immaterial, which may result from defective parts including installation that not complying with the use for which they are designed and produced.

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LR ETANCO is associate member of:



LR ETANCO - Parc les Érables - Bât. 1 - 66 Route de Sartrouville
78231 Le Pecq Cedex France - www.etanco.eu

Tel : +33 (0)1 34 80 52 00 - commercial.france@etanco.fr