



Document no: CE-200259

For outdoor use in heavy constructions. The screws have TX-drive and cutpoint which drives the screw effectively into the woodwork and prevents splitting. All screws have saw thread and a cutting thread on the shaft that reduces torque.

Dimensions:

d 6,0 mm, L 200 - 300 mm
d 8,0 mm, L 90 - 400 mm
d 10,0 mm, L 160 - 400 mm

Material:

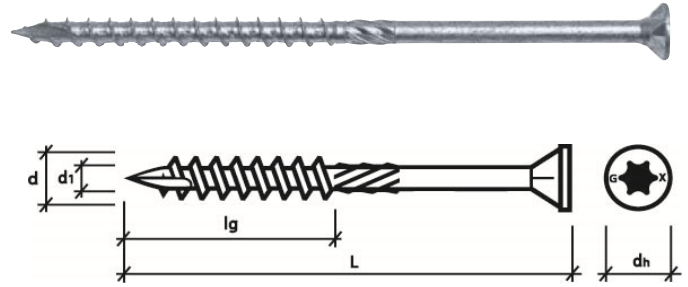
EN ISO 16120

Treatment:

Protec min. 8 µm - Corrosion class C4

Screw head:


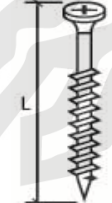
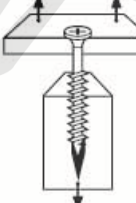
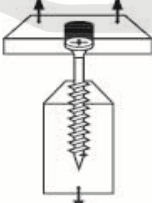


TX30-40



DIMENSIONS

PROTEC					
Name	Nominal diameter d [mm]	Inner threaded diameter d ₁ [mm]	Total length L [mm]	Threaded length l _g [mm]	Head diameter d _h [mm]
6,0x200	6,0	3,7	200,0	75,0	11,5
6,0x240			240,0	75,0	
6,0x300			300,0	75,0	
8,0x90	8,0	5,1	90,0	50,0	14,0
8,0x120			120,0	80,0	
8,0x140			140,0	80,0	
8,0x160			160,0	80,0	
8,0x240			240,0	100,0	
8,0x400			400,0	120,0	
10,0x160			10,0	6,3	
10,0x200	200,0	100,0			
10,0x240	240,0	100,0			
10,0x300	300,0	120,0			
10,0x400	400,0	120,0			

KARAKTERISTISK LASTHÅLLFASTHET

PROTEC							
Name	Nominal diameter d [mm]	Total length L [mm]	Withdrawal parameter $f_{ax,k}$ [N/mm ²]*	Head pull-through parameter $f_{head,k}$ [N/mm ²]*	Yield moment $M_{y,k}$ [Nmm]	Tensile capacity $f_{tens,k}$ [kN]	Torsional ratio $F_{tor,k}/R_{tor,k} \geq 1,5$
6,0x200	6,0	200,0	13,2	19,0	12059	14,6	3,3
6,0x240		240,0					
6,0x300		300,0					
8,0x90	8,0	90,0	11,4	16,0	21408	27,7	
8,0x120		120,0					
8,0x140		140,0					
8,0x160		160,0					
8,0x240		240,0					
8,0x400		400,0					
10,0x160	10,0	160,0	11,2	16,8	39808	36,5	3,2
10,0x200		200,0					
10,0x240		240,0					
10,0x300		300,0					
10,0x400		400,0					
							

* The withdrawal parameter $f_{ax,k}$ and the head pull-through parameter $f_{head,k}$ is tested in wood with a characteristic density of $\rho_k=350$ kg/m³ (C24). When wood with another density is used values shall be multiplied with $\rho_k/350$.

PRODUCT IDENTIFICATION

Following articles which are sold in the brand name GUNNEBO FASTENING are covered by this Declaration of Performance:

ARTICLE NUMBER

15242	15246	15251
15243	15247	15252
15244	15248	15253
	15249	15254
	15250	15255
	15245	

The manufacturer declares for:

Wood screw countersunk, Protec, diameter 6.0, 8.0 & 10.0 mm

1. Product is in accordance with EN 14592:2008 "Timber Structures – Dowel-type fasteners – Requirements".

2. Initial Type Testing was performed to confirm essential characteristic values in accordance to table ZA.1 in EN 14592. Declared values accompanies with the CE mark on each package and in this technical document.

Tillverkaren deklarerar för:

3. Initial Type testing is performed by:

Strojirensky Zkusebni Ustav s.p. Notified body 1015
E-30-20113-13
E-30-20120-13
E-30-20121-13

4. For this product the compliance with the conditions of the Annex ZA in EN 14592 are accomplished.

5. A FPC system is established and maintained under the responsibilities of the manufacturer.

Protec min. 8 µm. Corrosion class C4

The system of attestation of conformity for Timber fasteners used for structural timber products is 3.

This declaration of conformity is valid until any changes in the product, the raw material or the production process is performed, which would significantly change the declared characteristics.

Gunnebo 2013-06-28



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Head of Operation, Claes Arnesson



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