

DECKING SCREW STAINLESS A4



COUNTERSUNK HEAD

Declaration of Performance



Document no: CE-200084-A1

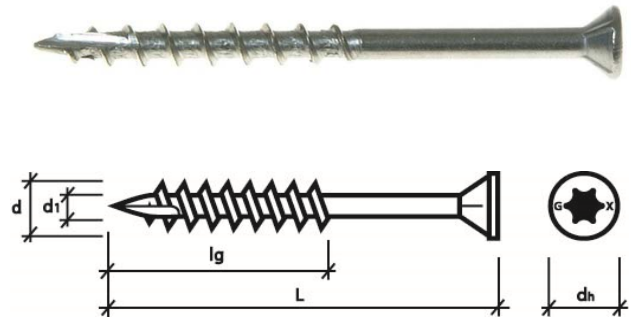
The stainless decking screw can handle marine environments and polluted industrial atmospheres. The screw will not discolour the woodwork around the screw head, not even in precious woods such as oak, cedar or larch. The screw has a TX recess to ensure good grip and a cutpoint, which effectively drives the screw down into the woodwork and counteracts splitting.

Dimensions:
d 4,2-5,5 mm, L 35 - 120 mm

Material:
EN 10088

Behandling:
Stainless AISI 316/A4 - Corrosion class C5-M


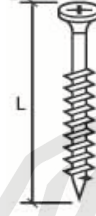
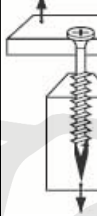
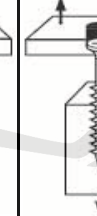


Bits:
TX20-TX25



DIMENSIONS

STAINLESS AISI 316/A4					
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]
4,2x35	4,2	2,6	35,0	20,0	7,0
4,2x45			45,0	23,0	
4,2x55			55,0	27,5	
4,8x75	4,8	3,2	75,0	35,0	7,0
5,5x90	5,5	3,6	90,0	45,0	10,0
5,5x110			110,0	60,0	
5,5x120			120,0	60,0	

CHARACTERISTIC LOAD CAPACITY

STAINLESS AISI 316/A4								
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 $F_{tor,k}/R_{tor,k} \geq 1,5$	
4,2x35	4,2	35,0	14,1	16,5	2575	4,3	2,4	
4,2x45		45,0						
4,2x55		55,0						
4,8x75	4,8	75,0	17,4	13,3	4607	5,1	2,3	
5,5x90	5,5	90,0	16,6	13,1	6672	6,5	1,6	
5,5x110		110,0						
5,5x120		120,0						
								

* 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

2871	28670PL	2869
2872	7751	28690PL
2870	Z541685	Z541687
2866	70275	70956
7603	2868	69520
Z541684	28680PL	69531
2867	Z541686	

Marine decking screw, diameter 4,2, 4,8 and 5,5 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.
3. Initial Type testing is performed:

Strojirensky Zkusebni Ustav s.p. Notified body 1015
TJ-30-9836/16
TJ-30-9836/20
TJ-30-9836/23
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.

Stainless AISI 316/A4. Corrosion class C5-M

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 2013-11-11, revised 2014-05-14



Head of Operation, Claes Arnesson



GBO Fastening systems AB
Bruksvägen 2
SE 590 93 Gunnebo
Sweden