

Area of use for Decking screw A4:

Intended for installation of pressure treated wood, e.g. at salt water, pools and hot tubs. The screw head should always be recessed at least 2-3 mm into the material, to avoid sticking up when the pressure treated wood dries. This screw is also suitable for use in larch decking, as the acid in the larch is aggressive. The larch decking must then be pre-drilled.

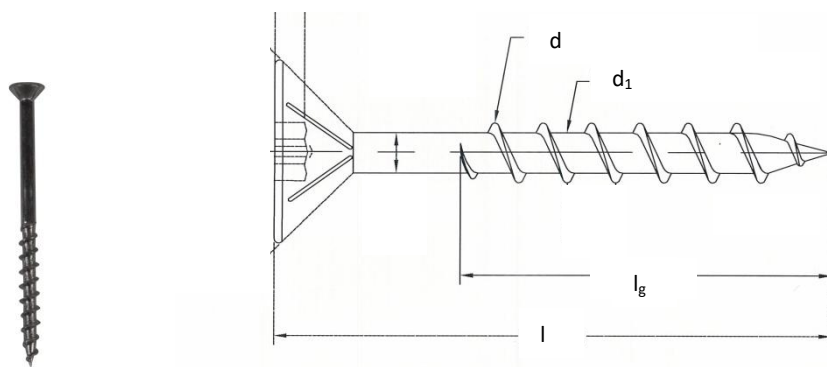
Recommended speed Decking screw: 2000-4000 rpm.

Screw consumption: approx. 30 pcs/m².

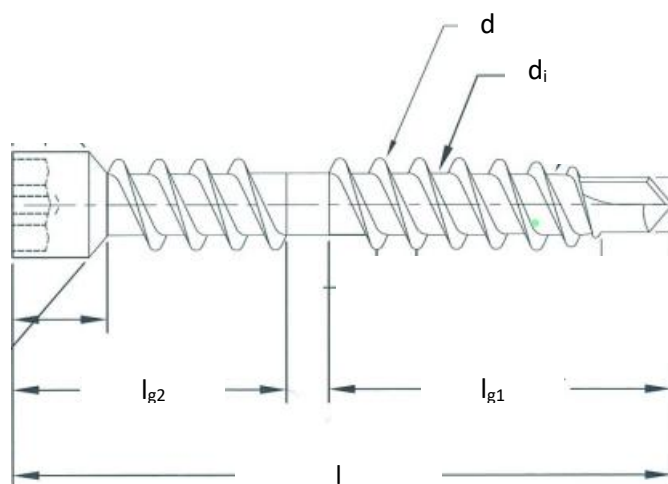
Screw consumption Hidden decking screw: approx. 35 pcs/m².

Material thickness using hidden decking screw: max 28 mm

Decking screw:



Hidden decking screw:



Manufacturer: Nils Ahlgren AB, Rörvägen 16, 136 50 Jordbro, Sweden Tel: +46 8-500 125 80

Website: www.nilsahlgren.se

Dimensions:

Product name	Nominal diameter d (mm)	Inner diameter threaded part, d ₁ (mm)	Total length, l (mm)	Threaded length, l _{g1} (mm)	Threaded length, l _{g2} (mm)	Head diameter, d _h (mm)
Trallskruv TFT RF A4 4,3x42mm Decking screw TFT RF A4 4,3x42 mm	4,2	3,225	42	Min 17,2	-	7,25
Trallskruv TFT RF A4 4,3x56mm Decking screw TFT RF A4 4,3x56 mm	4,2	3,225	56	Min 17,2	-	7,25
Trallskruv TFT RF A4 4,8x75mm Decking screw TFT RF A4 4,8x75 mm	4,8	3,6	75	Min 19,2		7,75
Bandad trallskruv RF A4 4,2 x 55mm Collated Decking screw RF A4 4,2x55 mm	4,2	2,6	55	28		6,75
Trallskruv dold RF A4 4,5x60mm Decking screw, hidden RF A4 4,5x60mm	4,5	2,85	60	34	23	5,05

Material: Stainless steel in A4 (acid-resistant) grade 316S/S.

Characteristic load strength:

Product name	Characteristic yield moment $M_{y,k}$ (Nmm)		Characteristic withdrawal parameter $F_{ax,k}$ (N/mm ²)		Characteristic head pull-through parameter $f_{head,k}$ (N/mm ²)	Characteristic tensile capacity $F_{tens,k}$ (kN)	Characteristic torsional ratio $F_{tor,k}/R_{tor,k}$
-	Threaded part	Smooth part	Cross fibers	Parallel fibers	-	-	-
Trallskruv TFT RF A4 4,3 Decking screw TFT RF A4 4,3	2519		16,61	13,44	19,96	4,08	2,75
Trallskruv TFT RF A4 4,8 Decking screw TFT RF A4 4,8	4140	4172	16,71	13,62	19,64	4,85	2,15
Trallskruv dold A4 4,5 Decking screw, hidden A4 4,5	3615		15,51	13,10	42,38	4,21	1,64
Characteristic dencity of wood ρ_k (Kg/m ³)	-		350		350	-	450
Durability (i. e. corrosion protection)	Stainless steel in A4 (acid- resistant) quality 316S/S. Corrosivity class C5 (Service class 3 according to EN 1995-1-1)						

Product identification:

The following items sold under the Nils Ahlgren brand are covered by this declaration of performance:

Artikelnummer	EAN-kod	Beteckning
325552, 27059	7350095750421 7313178270599	Trallskruv TFT RF A4 4,3x42mm Decking screw TFT RF A4 4,3x42 mm
325553, 325554,325556, 27060	7350095750230 7350095750247 7350095750261 7313178270605	Trallskruv TFT RF A4 4,3x56mm Decking screw TFT RF A4 4,3x56 mm
325555, 325558, 27061	7350095750254 7340191709058 7313178270612	Trallskruv TFT RF A4 4,8x75mm Decking screw TFT RF A4 4,8x75 mm
335350	7350095752531	Bandad trallskruv RF A4 4,2x55mm Collated Decking screw RF A4 4,2x55 mm
325660	7340191726949	Trallskruv dold RF A4 4,5x60mm Decking screw, hidden A4 4,5x60mm

The manufacturer declares for:

Decking screw TFT RF A4, 4.3 x 42-56 mm, Decking screw TFT RF A4 4.8 x 75 mm, Collated decking screw RF A4 4.2 x 55 mm, Decking screw and hidden RF A4 4,5x60mm.

1. Product in accordance with standard: EN 14592: 2008 + A1: 2012 " Timber structures – Dowel-type fasteners – Requirements".
2. Initial type testing was carried out to confirm significant characteristic values according to Table ZA.1 of EN 14592. Declaration information is accompanied by the CE mark on each package and in this technical document.
3. Initial type testing is performed by Strojírenský Zkušební Ústav. Report name E-30-20083-18 and E-30-20084-18 and 30-17300/JZ .
4. These products meet the requirements of Annex ZA of EN 14592:2008 + A1:2012.
5. A continuous production control (FPC) is established and in accordance with the requirements of EN 14592:2008 + A1:2012.

Durability: Stainless steel in A4 (acid-resistance) grade 316S/S. Corrosivity class C5.

The method for certifying the conformity of fasteners for wooden structures is 3.

This declaration is valid until any change is made to the product, raw material or production process which significantly alters the characteristic values indicated.

Jordbro 2025-01-23



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 Quality Manager, Helena Johansson