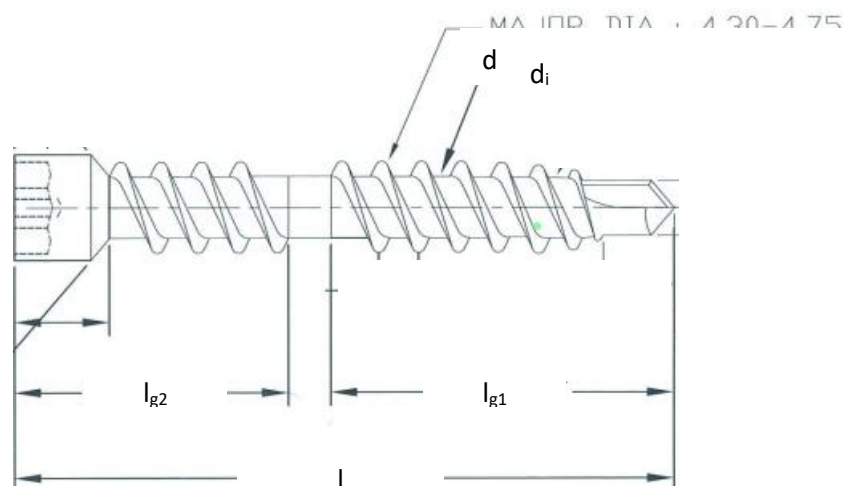


Area of use for Decking screw A2:

Intended for installation of pressure treated wood 22 mm thick using 4,5x48mm and 34mm using 4,5x70mm.



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

Dimensions:

Product namne	Nominal diameter d (mm)	Inner diameter threaded part, d _i (mm)	Total length, l (mm)	Threaded length, l _{g1} (mm)	Threaded length, l _{g2} (mm)	Head diameter, d _h (mm)
Trallskruv dold RF A2 4,5x48mm Decking screw, hidden RF A2 4,5x48mm	4,5	2,85	48	25	20	5,05
Trallskruv dold RF A2 4,5x70mm Decking screw, hidden RF A2 4,5x70mm			70			

Material: Stainless steel in A2 (acid-resistant) grade 304S/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 dold A2 4,5 Decking screw, hidden A2 4,5	2817		14,25	12,03	44,65	4,00	2,21
Characteristic dencity of wood ρ_k (Kg/m ³)	-		350		350	-	450
Durability (i. e. corrosion protection)	Stainless steel in A2 (acid- resistant) quality 304S/S. Corrosivity class C4 (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
325545	7340191733091	Trallskruv dold RF A2 4,5x48mm Decking screw, hidden A2 4,5x48mm
325546	7340191733121	Trallskruv dold RF A2 4,5x70mm Decking screw, hidden A2 4,5x70mm

The manufacturer declares for:

Decking screw, hidden RF A2 4,5x48-70mm.

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 30-17301/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 A2 (acid-resistance) grade 304S/S. Corrosivity class C4.

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 2025-05-12



.....
Quality Manager, Helena Johansson