

PRODUCT DATA SHEET

TERRASOTEC ORNAMENTAL HEAD A2

PRODUCT DESCRIPTION

The Terrasotec ornamental A2 head is used in deck construction for fastening decking boards on a wooden substructure.

APPLICATIONS

- Can be used in service classes 1 to 3 according to DIN EN 1995 - Eurocode 5 (**A2 T3/CRCII. Suitable for heavily polluted urban and industrial areas and > 0.25 km from the coastline**).
- Conditionally suitable for woods containing levels of tannin
- **Corrosion-resistant and conditionally acid-resistan**
- Good resistance in moderately aggressive environments that do not contain



NKL 1 – 3



MATERIAL

- Austenitic high-grade steel A2



CERTIFICATION

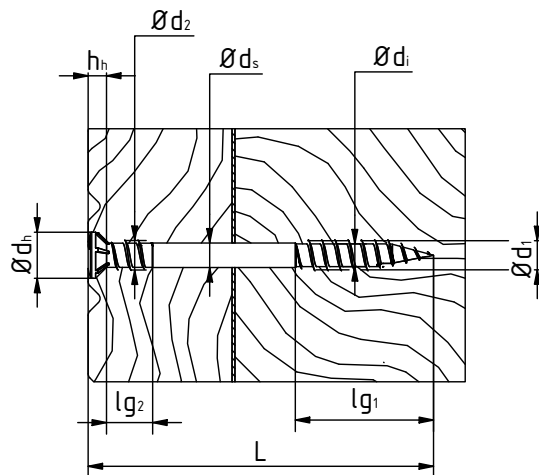
- European standard EN 14592



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TECHNICAL INFORMATION



Terrasotec ornamental head A2

Nominal- \varnothing	Under-head thread- \varnothing	Thread length Under-head thread	Head- \varnothing	Root- \varnothing	Shaft- \varnothing	Head height	Head shape	char. tensile capacity ¹⁾	char. yield moment ¹⁾	char. withdrawal parameter ¹⁾	char. Head pull-through parameter ¹⁾	char. torsional strength ¹⁾
d_1 [mm]	d_2 [mm]	l_{g_2} [mm]	d_h [mm]	d_i [mm]	d_s [mm]	h_h [mm]	—	$f_{tens,k}$ [kN]	$M_{y,k}$ [Nm]	$f_{ax,k}$ [N/mm ²]	$f_{head,k}$ [N/mm ²]	$f_{tor,k}$ [Nm]
5,5	5,30	8,00	8,0	3,95	4,25	3,2	ZK	5,4	4,0	11,4	12,0	5,0

¹⁾ The values have been taken from DOP EN 14592. We cannot guarantee that there are no typographical or printing errors and therefore recommend that you check the documents mentioned above

PRODUCT TABLE

Terrasotec ornamental head A2

Art. no.	Dimensions $\varnothing d \times L$ [mm]	Overall length L [mm]	Thread length l_{g_1} [mm]	Drive	PU
975556	5,5 x 50	50	17	TX25 •	200
975556-EIMER	5,5 x 50	50	17	TX25 •	500
975557	5,5 x 60	60	24	TX25 •	200
975557-EIMER	5,5 x 60	60	24	TX25 •	500
975558	5,5 x 70	70	34	TX25 •	200
975559	5,5 x 80	80	44	TX25 •	200

If you are not familiar with how this product is used, and particularly with the product's intended use, please contact our Application Technology department (Technik@eurotec.team).