Countersunk TX timber screw, partial thread

Geometry, drive and characteristics of documented executions. Materials and finishes are shown separately; enter the required length freely in your quotation request.

Wood screws

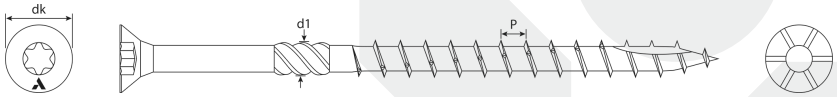
Dimensional reference: Wood screws · Thread: Wood thread · Drive: TX · Units: mm



Representative geometry photograph. Material and finish are specified separately.

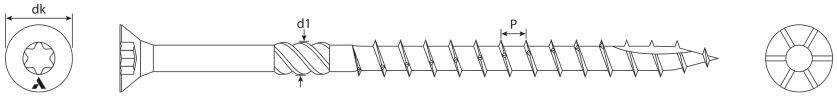
Technical drawing and legend

Ambrovit reference execution 87052



dk	Head diameter
d1	Shank diameter shown in drawing
P	Thread pitch
TX	Hexalobular recess number

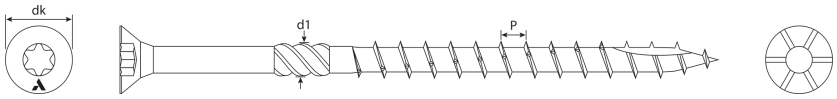
Ambrovit reference execution 87057



dk	Head diameter
d1	Shank diameter shown in drawing
P	Thread pitch
TX	Hexalobular recess number

https://www.dueemmesidol.it/en/products/standard-fasteners/wood-screws/svasata-tx-filetto-parziale/

Ambrovit reference execution 87058



dk	Head diameter
d1	Shank diameter shown in drawing
P	Thread pitch
TX	Hexalobular recess number

Dimensions

Ambrovit reference execution 87052

Dimensions in mm, except drive size. Min./Max. and approximate values follow the source. Tables apply to the indicated executions and must not be extended automatically to other products. Availability is confirmed in the quotation.

Nominal diameter	Limit	dk	d1	P	TX
3,0	Min.	5,65	2,80	~1,45	T10
3,0	Max	6,05	3,20	~1,45	T10
3,5	Min.	6,65	3,10	~2,15	T15
3,5	Max	7,05	3,40	~2,15	T15
4,0	Min.	7,50	3,50	~2,52	T20
4,0	Max	8,00	3,80	~2,52	T20
4,5	Min.	8,50	3,70	~2,80	T25
4,5	Max	9,00	4,00	~2,80	T25
5,0	Min.	9,60	3,90	~3,20	T25
5,0	Max	10,00	4,40	~3,20	T25
6,0	Min.	11,50	4,80	~4,70	T30
6,0	Max	12,10	5,20	~4,70	T30
8,0	Min.	14,30	6,80	~5,50	T40
8,0	Max	15,00	7,20	~5,50	T40
10,0	Min.	17,40	8,00	~6,60	T40
10,0	Max	18,20	8,50	~6,60	T40
12,0	Min.	21,00	9,45	~6,00	T50
12,0	Max	22,00	9,85	~6,00	T50

Ambrovit reference execution 87057

Nominal diameter	Limit	dk	d1	P	TX
3,0	Min.	5,65	2,80	~1,45	T10
3,0	Max	6,05	3,20	~1,45	T10
3,5	Min.	6,65	3,10	~2,15	T15
3,5	Max	7,05	3,40	~2,15	T15
4,0	Min.	7,50	3,50	~2,52	T20
4,0	Max	8,00	3,80	~2,52	T20
4,5	Min.	8,50	3,70	~2,80	T20
4,5	Max	9,00	4,00	~2,80	T20
5,0	Min.	9,64	3,70	~3,20	T25
5,0	Max	10,00	4,40	~3,20	T25
6,0	Min.	11,50	4,80	~4,70	T30
6,0	Max	12,10	5,20	~4,70	T30
8,0	Min.	14,30	6,80	~5,50	T40
8,0	Max	15,00	7,20	~5,50	T40

Ambrovit reference execution 87058

Nominal diameter	Limit	dk	d1	P	TX
5,0	Min.	9,64	3,70	~3,20	T25
5,0	Max	10,00	4,40	~3,20	T25

Materials and finishes

Executions documented by the named suppliers. Material and coating are confirmed in the quotation; a finish does not imply every diameter and geometry combination.

Material	Finish	Reference
C10B21 steel	Zinc plated Cr3; Enduro; Yellow zinc plated Cr3	Ambrovit 87052
Stainless steel A2	To be specified	Ambrovit 87057
Stainless steel A4	To be specified	Ambrovit 87058

Documentation

Document	Status
Declaration of conformity	Subject to order agreement
Material certificate	Subject to order agreement
EN 10204 2.2 test report	Subject to order agreement
EN 10204 3.1 inspection certificate	Subject to order agreement
Dimensional inspection report	Subject to order agreement
Coating report	Subject to order agreement
Other documentation	Subject to order agreement

Batch documents are not automatically included: specify your requirements in the RFQ.

Executions and application

Specify the timber type and density, the panel or component to be fixed, the manufacturer-required pilot hole and edge/end distances. No universal pilot-hole diameter is assigned. Wood drill-point versions do not imply steel drilling capability. Structural applications require the exact execution, the relevant DoP or ETA and connection design verification. Head geometry alone does not certify product performance. Tecfi also documents the TT Woodpecker family: TT02 in yellow zinc plated case-hardened steel and TT50 in passivated, waxed A2 stainless steel. These specific executions are covered by DoP PP 0529/14-630-1-TT, revision 2.01. Tecfi dimensions and performance must be checked against that DoP, not taken from the Ambrovit tables shown here.

Technical references

Ambrovit 87052 · Ambrovit 87057 · Ambrovit 87058 · Tecfi TT02 · Tecfi TT50 · Tecfi DoP PP 0529/14-630-1-TT