

SOLIDA

STAINLESS STEEL SELF-TAPPING SCREW



SOLIDA stainless steel self-tapping screws can be universally applied to exterior fixing applications due to their wide range of dimensions.

Direct visible fastening or concealed reverse side wood to wood mounting is possible due to the integrated self-tapping point which delivers reduced splitting effects.

The 3-zone countersunk head has an optimised head diameter for an aesthetically pleasing appearance.

SOLIDA4 Made from A4 austenitic stainless steel, can withstand increased deformation forces and has high corrosion resistance, ideal for coastal applications. SOLIDA4 is perfect for screwing decking to wooden or aluminium substructures.

CE according to DIN EN 14592-2008

SOLIDA1 Hardened stainless steel: The high breaking torque stainless steel self-tapping screw for universal applications.



BRANDING
Custom branding
upon request

DOWNLOADS



Data sheet

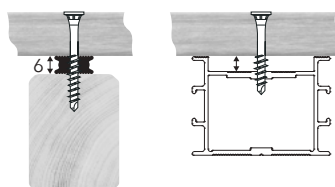


CE



Tips & Tricks

SOLIDA4 is suitable for fixing decking boards to timber and aluminium substructures. A height distance of 6.0 mm between the substructure and the decking board reduces the shear effect on the fastener by up to 50%.



SOLIDA4		
Description	PU	Prod. No.
5.5x40mm	100 PCS	003702000
5.5x40mm	200 PCS	003703000
5.5x50mm	100 PCS	003802000
5.5x50mm	200 PCS	003803000
5.5x60mm	100 PCS	004002000
5.5x60mm	200 PCS	004003000
5.5x70mm	100 PCS	004202000
5.5x70mm	200 PCS	004203000
5.5x80mm	100 PCS	004102000
5.5x80mm	200 PCS	004103000

Universal range
of applications

Ø 3.2 mm

Ø 4.0 mm

Ø 4.5 mm

Ø 5.0 mm

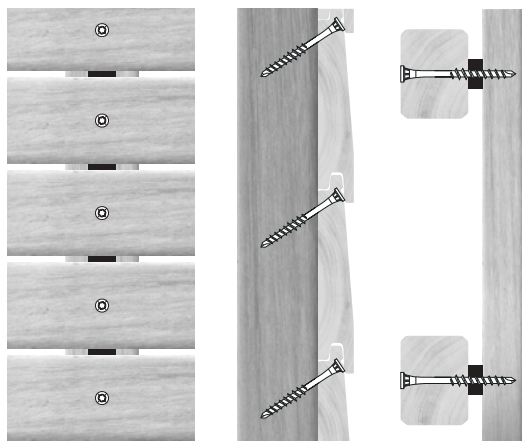
Terrace Screws
Ø 5.5 mm

Reinforced 3-zone
countersunk head

Notches on the flanks
of the thread reduce
the insertion force and
replace the „shank
milling ribs“ which are
susceptible to shearing.

The head design
and diameter of the
three-step countersunk
head is identical to
ELITA and PROFILA - the
screws can be used in
combination depending
on the application.

Cutting notch for
quick biting reduces
the splitting effect

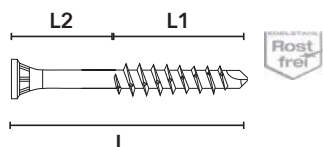


UNIVERSAL WOOD-TO-WOOD SCREW CONNECTIONS

Depending on the type of wood and application, screw holes should generally be pre-drilled and countersunk. This will reduce the torsional load on the screw, increase stability during installation and reduce splitting around the screw head.

OVERVIEW

Dimensions mm			SOLIDA 1				SOLIDA 4
L	L1	L2	Ø 3.2	Ø 4.0	Ø 4.5	Ø 5.0	Ø 5.5
25	16	9	■				
30	18	12	■	■			
35	21	14	■	■			
40	24	16	■	■	■	■	■
45	26	19		■	■		
50	28	22	■	■	■	■	■
60	34	26	■	■	■	■	■
70	40	30			■	■	■
80	44	36				■	■
90	50	40				■	
100	55	45				■	
Screw head diameter			5.0	6.0	6.5	7.5	7.5
TX Drive			TX10	TX20	TX20	TX25	TX25
Material			Hardened stainless steel 1.4006				Stainless steel A4 1.4401 CE
Drilling capacity			Aluminium not specified				up to 3.0mm



SOLIDA1		
Description	PU	Prod. No.
3.2 x 25 mm	250 PCS	000102000
3.2 x 25 mm	500 PCS	000103000
3.2 x 30 mm	250 PCS	000202000
3.2 x 30 mm	500 PCS	000203000
3.2 x 35 mm	250 PCS	000302000
3.2 x 35 mm	500 PCS	000303000
3.2 x 40 mm	250 PCS	000402000
3.2 x 40 mm	500 PCS	000403000
3.2 x 50 mm	250 PCS	000502000
3.2 x 50 mm	500 PCS	000503000
3.2 x 60 mm	250 PCS	000602000
3.2 x 60 mm	500 PCS	000603000

SOLIDA1		
Description	PU	Prod. No.
4.0 x 30 mm	250 PCS	000702001
4.0 x 30 mm	500 PCS	000703001
4.0 x 35 mm	250 PCS	000802001
4.0 x 35 mm	500 PCS	000803001
4.0 x 40 mm	250 PCS	000902002
4.0 x 40 mm	500 PCS	000903001
4.0 x 45 mm	250 PCS	001002001
4.0 x 45 mm	500 PCS	001003001
4.0 x 50 mm	250 PCS	001102001
4.0 x 50 mm	500 PCS	001103001
4.0 x 60 mm	250 PCS	001302001
4.0 x 60 mm	500 PCS	001303002

SOLIDA1		
Description	PU	Prod. No.
4.5 x 40 mm	150 PCS	001402000
4.5 x 40 mm	300 PCS	001403000
4.5 x 45 mm	150 PCS	001502000
4.5 x 45 mm	300 PCS	001503000
4.5 x 50 mm	150 PCS	001602000
4.5 x 50 mm	300 PCS	001603000
4.5 x 60 mm	150 PCS	001802000
4.5 x 60 mm	300 PCS	001803000
4.5 x 70 mm	150 PCS	002002000
4.5 x 70 mm	300 PCS	002003000

SOLIDA1		
Description	PU	Prod. No.
5.0 x 40 mm	100 PCS	002102000
5.0 x 40 mm	200 PCS	002103000
5.0 x 50 mm	100 PCS	002302000
5.0 x 50 mm	200 PCS	002303000
5.0 x 60 mm	100 PCS	002502000
5.0 x 60 mm	200 PCS	002503000
5.0 x 70 mm	100 PCS	002702000
5.0 x 70 mm	200 PCS	002703000
5.0 x 80 mm	100 PCS	002802000
5.0 x 80 mm	200 PCS	002803000
5.0 x 90 mm	100 PCS	002902000
5.0 x 90 mm	200 PCS	002903000
5.0 x 100 mm	100 PCS	003002000
5.0 x 100 mm	200 PCS	003003000