

# SOLIDA

STAINLESS STEEL  
SELF-TAPPING SCREW



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CE



Tips & Tricks



**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.

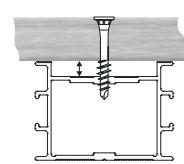
CE according to DIN EN 14592-2008

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



## 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

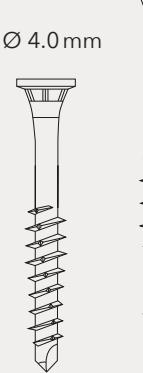


Universal range  
of applications

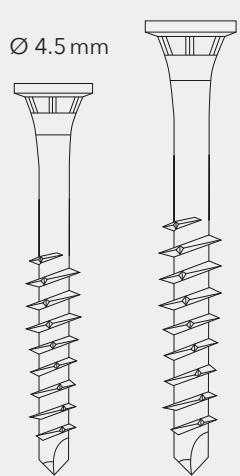
$\varnothing 3.2\text{ mm}$



$\varnothing 4.0\text{ mm}$

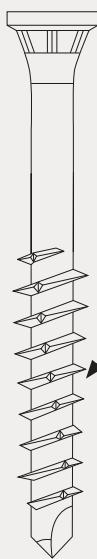


$\varnothing 4.5\text{ mm}$



$\varnothing 5.0\text{ mm}$

Terrace Screws  
 $\varnothing 5.5\text{ mm}$

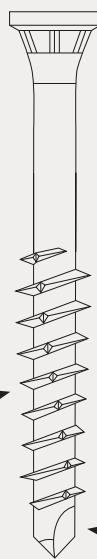


Reinforced 3-zone  
countersunk head

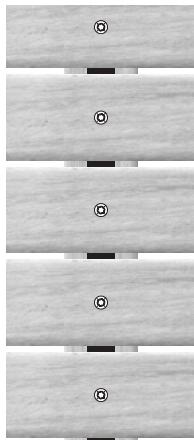
Notches on the flanks  
of the thread reduce  
the insertion force and  
replace the „shank  
milling ribs“ which are  
susceptible to shearing.



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

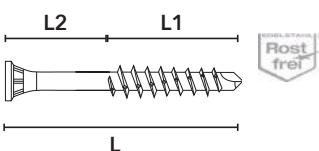


#### UNIVERSAL WOOD-TO-WOOD SCREW CONNECTIONS

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	$\varnothing 3.2$	$\varnothing 4.0$	$\varnothing 4.5$	$\varnothing 5.0$	$\varnothing 5.5$
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 €
Drilling capacity			Aluminium				up to 3.0 mm



L

L1

L2



SOLIDA1		
Description	PU	Prod. No.
3.2x25 mm	250 PCS	000102000
3.2x25 mm	500 PCS	000103000
3.2x30 mm	250 PCS	000202000
3.2x30 mm	500 PCS	000203000
3.2x35 mm	250 PCS	000302000
3.2x35 mm	500 PCS	000303000
3.2x40 mm	250 PCS	000402000
3.2x40 mm	500 PCS	000403000
3.2x50 mm	250 PCS	000502000
3.2x50 mm	500 PCS	000503000
3.2x60 mm	250 PCS	000602000
3.2x60 mm	500 PCS	000603000
SOLIDA1		
Description	PU	Prod. No.
4.0x30 mm	250 PCS	000702001
4.0x30 mm	500 PCS	000703001
4.0x35 mm	250 PCS	000802001
4.0x35 mm	500 PCS	000803001
4.0x40 mm	250 PCS	000902002
4.0x40 mm	500 PCS	000903001
4.0x45 mm	250 PCS	001002001
4.0x45 mm	500 PCS	001003001
4.0x50 mm	250 PCS	001102001
4.0x50 mm	500 PCS	001103001
4.0x60 mm	250 PCS	001302001
4.0x60 mm	500 PCS	001303002

#### SOLIDA1

Description	PU	Prod. No.
5.0x40 mm	100 PCS	002102000
5.0x40 mm	200 PCS	002103000
5.0x50 mm	100 PCS	002302000
5.0x50 mm	200 PCS	002303000
5.0x60 mm	100 PCS	002502000
5.0x60 mm	200 PCS	002503000
5.0x70 mm	100 PCS	002702000
5.0x70 mm	200 PCS	002703000
5.0x80 mm	100 PCS	002802000
5.0x80 mm	200 PCS	002803000
5.0x90 mm	100 PCS	002902000
5.0x90 mm	200 PCS	002903000
5.0x100 mm	100 PCS	003002000
5.0x100 mm	200 PCS	003003000