

DTS 500 FARMER VIJAK

PLASTIFIKACIJA DEBLJINE DO 60 µm
Powder coating to 60 µm

OTPORNOST NA UV ZRAČENJE
Resistant to UV radiation

IZDRŽLJIVA DUGOGODIŠNJA ZAŠTITA
Durable coating for years

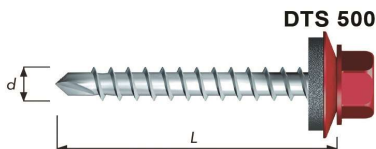
OTPORNOST NA MEHANIČKA OŠTEČENJA
Flake - resistant coating

DOSTUPNO U 180 RAL TONOVA
180 coating colours available

Vulkanizirana čelična podložna pločica EPDM
Self-vulcanizing bonded steel/EPDM washer

Otpornost na niske i visoke tem. preko 200 C
Resistant to freeze and high tem. over 200 C

Kapacitet bušenja lima 2 x 1,0 mm
Drilling capacity up to 2 x 1,0 mm



d x L (mm)	PAKIRANJE
4,8 x 20	8 x 250
4,8 x 35	8 x 250
4,8 x 50	8 x 200
4,8 x 60	8 x 100
4,8 x 75	8 x 100
4,8 x 100	8 x 100

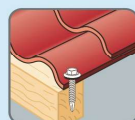
RAL TONOVI - COLOURS



Predstavljene boje prikazane su samo kao bazne nijanse u ponudi. Molimo koristite samo originalnu RAL ton kartu za stvarnu nijansu boje.

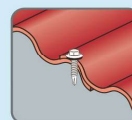
Presented colours are shown just for a brief colour reference. Please use only professional RAL table for actual colour selection.

MONTAŽA - FIXING



4,8 x 35
4,8 x 50
4,8 x 60
4,8 x 75
4,8 x 100

spajanje čeličnog lima na drvenu konstrukciju
fixing steel sheets to wooden construction



4,8 x 20

spajanje lim - lim
steel sheets overlapping

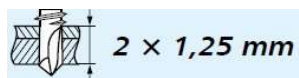
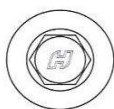
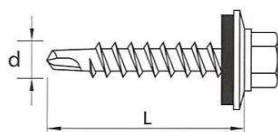
DTS 500

Samobušeci vijak sa šesterokutnom glavom i vulkaniziranom podloškom

- Za međusobno spajanje limova

- Za spajanje limova na drvenu konstrukciju

ZN
ZN / RAL
INOX



ZN

$\frac{D}{L}$	Ø4,8	Ø6,5
20	o	o
25		o
28		
35	o	o
45		
50	o	o
60	o	
70	o	
75	o	o
100	o	

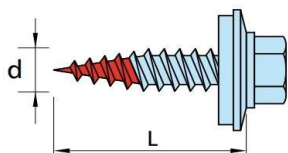


$\frac{D}{L}$	Ø4,8	Ø6,5
20	o	o
25		o
28		
35	o	o
45		
50	o	o
60	o	
70	o	
75	o	o
100	o	



$\frac{D}{L}$	Ø4,8
19	o
25	o
35	o





ZN

$\frac{D}{L}$	$\frac{\varnothing 4,8}{19}$
19	Ø

BI-METAL
A2

$\frac{D}{L}$	$\frac{\varnothing 4,8}{19}$	$\frac{\varnothing 6,0}{25}$
19	Ø	
25		Ø

PRODUCT DESCRIPTION AND CHARACTERISTICS

- Bi-metal screws made of stainless steel A2, with hardened carbon steel drilling point.
- Intended for use in environment up to C5 category acc. to EN ISO 12944-2.
- Screws available with assembled stainless steel washer with EPDM sealing ring E (mm) - Ø14, Ø16 or without sealing washer.
- The design of the screws enables fast and tight joining of metal elements with a thickness of 2 x 0.5 to 2 x 1.0 mm, without the formation of metal chips during assembly, which can cause corrosion.
- Innovative conical geometry of the screw reduces installation time and the sharp tip of the thread reduces the screw slippage on the sheet surface.
- The designed thread geometry ensures tight pressure of the fixed elements and high load-bearing capacity of the connection.
- The product meets the requirements of class A1 reaction to fire, according to EC 96/603/EC.



DRILLER®

BI-METAL
A2

Class A1 reaction to fire
EC 96/603/ EC

APPLICATION

- Fast, chipless and tight stitching of thin metal sheets
- Steel sheets overlapping
- Assembly of photovoltaic installation elements

INSTALLATION INSTRUCTIONS

- Set the screw perpendicular to the surface of the fastened elements.
- Set the proper rotational speed of the screwdriver acc. to Tab. A2.
- Installation with a minimum pressure force of 15-20 KG depending on the hardness of the base material.
- Use a screwdriver with adjustable torque for assembly. Installation torque $M_{t, nom}$ according to Table A2.
- Press the washer correctly to ensure tightness and prevent corrosion in the fixing point.

Table A1: MATERIAL PARAMETERS OF FASTENER

Elements	Material
1 Screw	Bi-metal: stainless steel – SAE 304 with hardened carbon steel drilling point
2 Washer	Stainless steel washer with EPDM sealing ring S280GD, S320GD or S350GD - EN 10346,
3 Fixed element	aluminium
4 Base material	S280GD, S320GD or S350GD - EN 10346, aluminium

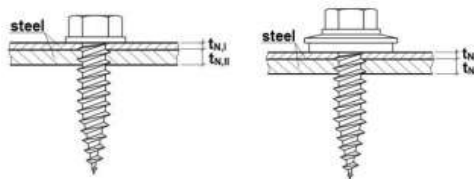


Table A2: FIXING PARAMETERS

Type	Screw diameter D [mm]	Screw length L [mm]	Head size AF [mm]	Drilling capacity Σt_i [mm] $t_{N, I} + t_{N, II}$	Max. thickness of fixed elements G+ Σt_i [mm] without washer steel/EPDM	Max. thickness of fixed elements G+ Σt_i [mm] with washer steel/EPDM $\geq \varnothing 14$	Installation torque $M_{t, nom}$ [Nm]	Drill speed [rpm]
WKFT (HS2)	4,8	19	8	2 x 0,5 – 2 x 1,0	11	8	3	max. 2500