

SPOJNI ELEMENT ZA TERASE

ČETIRI VERZIJE

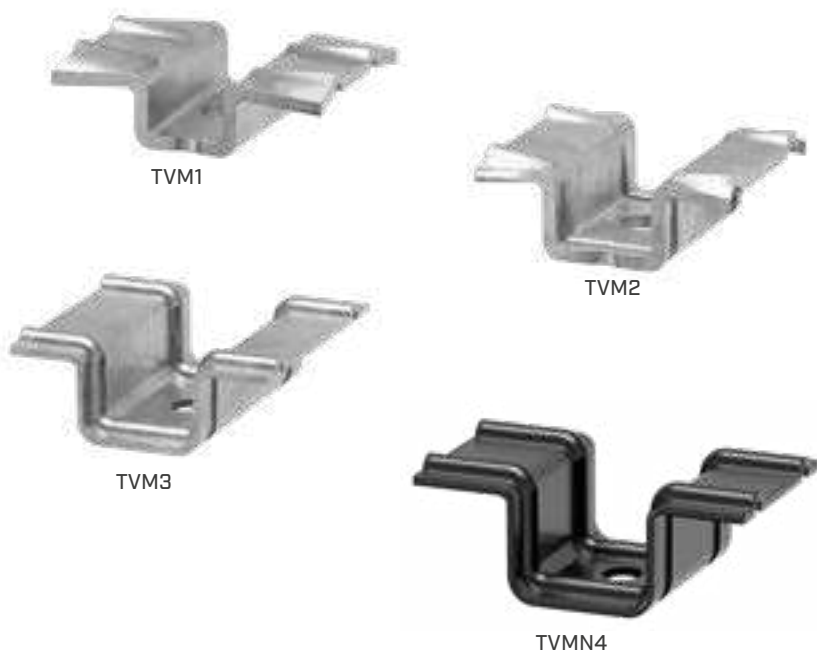
Različite dimenzije za primjenu s daskama različite debljine i fugama varijabilne širine. Crna verzija za potpuno nevidljivu izvedbu.

TRAJNOST

Nehrđajući čelik osigurava povećanu otpornost na koroziju. Mikroventilacija između ploča doprinosi trajnosti drvenih elemenata.

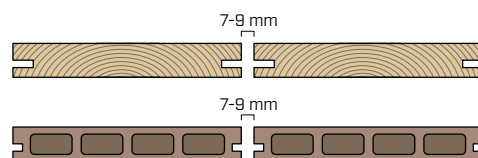
ASIMETRIČNO GLODANJE

Idealno za daske s asimetričnim užljebljenjem u izvedbi žensko-žensko. Površinska rebra spojnog vijka osiguravaju optimalnu stabilnost.



CALCULATION
TOOL

DASKE



PRIČVRŠČIVANJE NA



drvo



WPC



aluminij

MATERIJAL



austenitni nehrđajući čelik A2 | AISI304
(CRC II)



nehrđajući čelik s organskom oblogom u
boji



PODRUČJA PRIMJENE

Uporaba vani u agresivnim okolinama. Pričvršćenje dasaka od drva ili WPC-a na podstrukturu od drva, WPC-a ili aluminija.

KODOVI I DIMENZIJE

TVM A2 | AISI304

A2
AISI 304

KOD	materijal	P x B x s [mm]	kom.
TVM1	A2 AISI304	22,5 x 31 x 2,4	500
TVM2	A2 AISI304	22,5 x 28 x 2,4	500
TVM3	A2 AISI304	30 x 29,4 x 2,4	500

KKT X

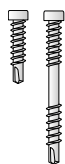
pričvršćenje na drvo i WPC za TVM A2 | AISI304



d ₁ [mm]	KOD	L [mm]	kom.
5 TX 20	KKTX520A4	20	200
	KKTX525A4	25	200
	KKTX530A4	30	200
	KKTX540A4	40	100

KKA AISI410

pričvršćenje na aluminij za TVM A2 | AISI304



d ₁ [mm]	KOD	L [mm]	kom.
4 TX 20	KKA420	20	200
	KKA540	40	100
5 TX 25	KKA550	50	100

TVM COLOR

A2
AISI 304

KOD	materijal	P x B x s [mm]	kom.
TVMN4	A2 AISI304 s crnom oblogom	23 x 36 x 2,4	200

KKT COLOR

pričvršćenje na drvo i WPC za TVM COLOR



d ₁ [mm]	KOD	L [mm]	kom.
5 TX 20	KKTN540	40	200

KKA COLOR

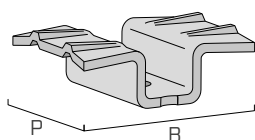
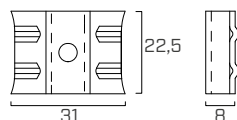
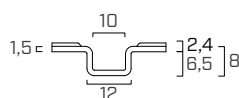
pričvršćenje na aluminij za TVM COLOR



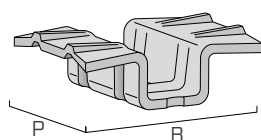
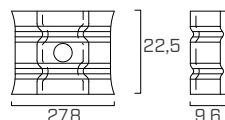
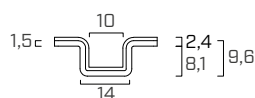
d ₁ [mm]	KOD	L [mm]	kom.
4 TX 20	KKAN420	20	200
	KKAN430	30	200
	KKAN440	40	200

GEOMETRIJA

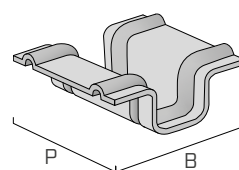
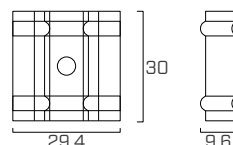
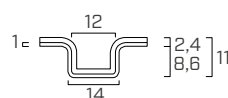
TVM1



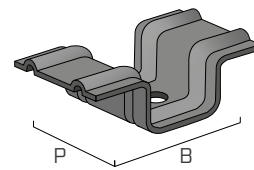
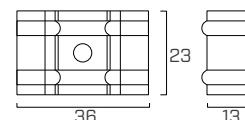
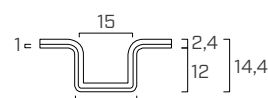
TVM2



TVM3



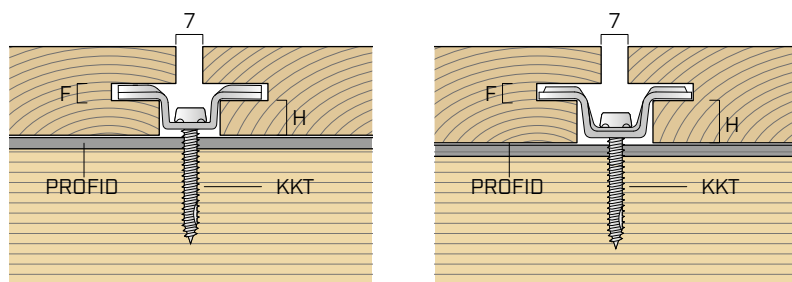
TVMN4



KKA

Mogućnost pričvršćenja i na aluminijske profile pomoću vijka KKA AISI410 ili KKA COLOR.

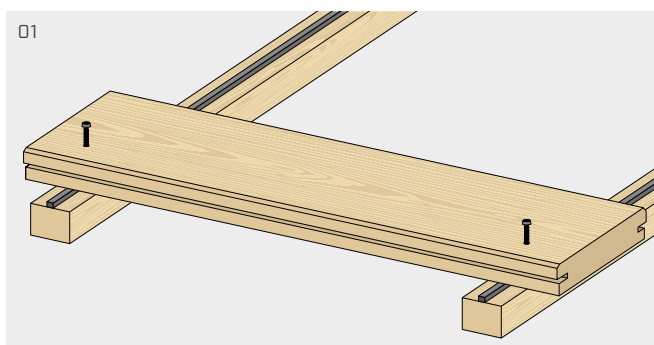
GEOMETRIJA UŽLJEBLJENJA



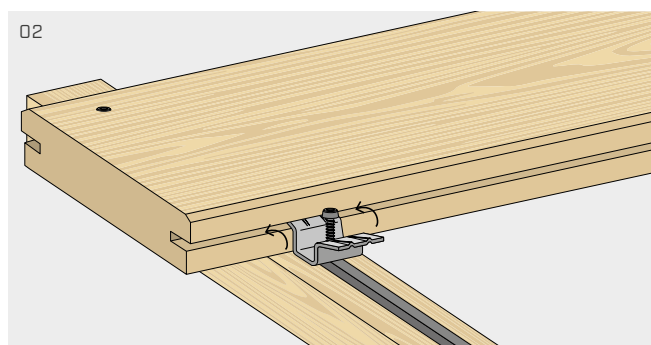
ASIMETRIČNO UŽLJEBLJENJE

Min. debljina	F	3 mm
Min. preporučena visina TVM1	H	7 mm
Min. preporučena visina TVM2	H	9 mm
Min. preporučena visina TVM3	H	10 mm
Min. preporučena visina TVMN	H	13 mm

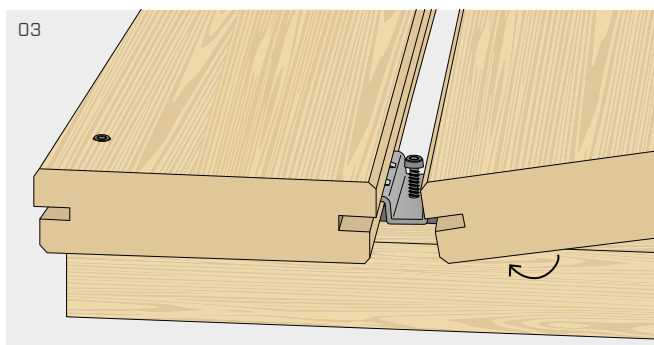
MONTAŽA



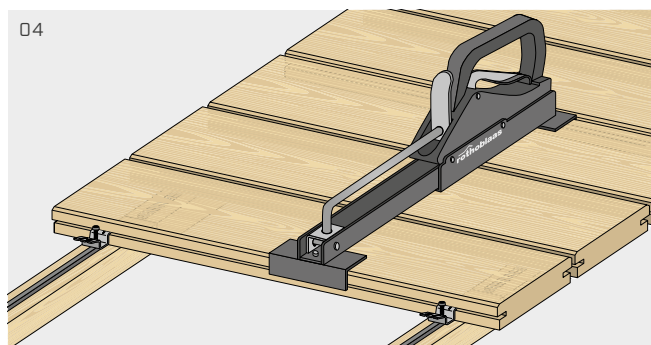
01
Profil za razmak PROFID postavite po središnjoj liniji letve. Prva daska: učvrstite odgovarajućim vijcima koji će ostati vidljivi.



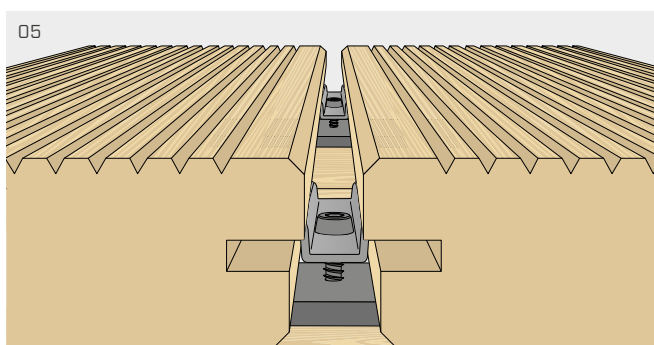
02
U užljebljenje postavite spojnik TVM tako da bočni jezičak naliježe na izglodani dio daske.



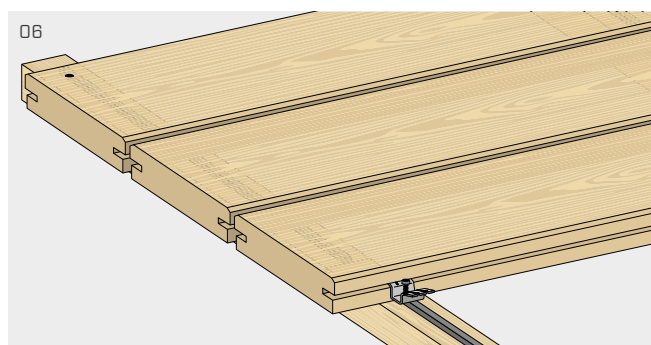
03
Postavite sljedeću dasku tako da je umetnete u spojnik TVM.



04
Dvije daske blokirajte stegačem CRAB MINI ili CRAB MAXI na način da dobijete fugu između dasaka od 7 mm (vidi proizvod str. 395).

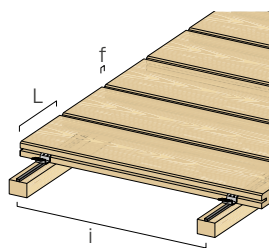


05
Spojnik vijkom KKT učvrstite na donju ploču.



06
Ponovite radnje za sljedeće ploče.
Posljednja ploča: ponovite radnju 01.

PRIMJER PRORAČUNA



FORMULA ZA PROCJENU UČINKA PO m²

$$1\text{m}^2 / i / (L + f) = \text{kom. TVM po m}^2$$

i = razmak između letava

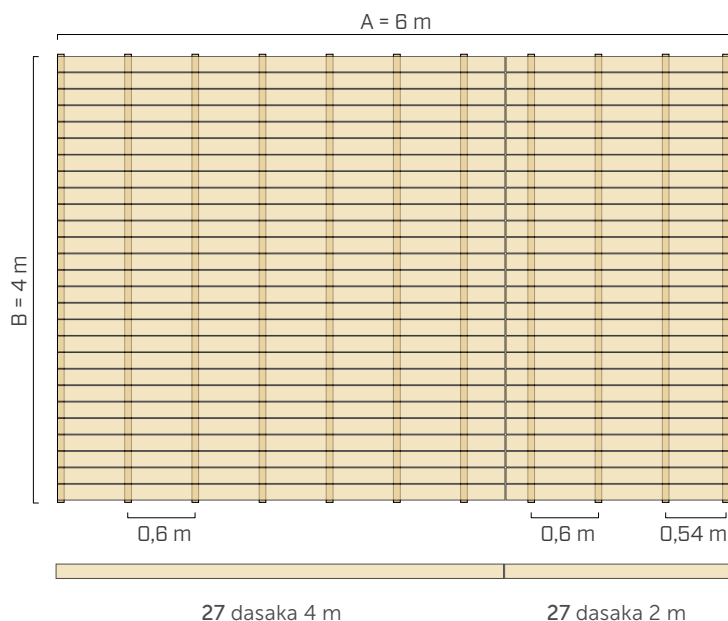
L = širina ploča

f = širina fuge



PRAKTIČAN PRIMJER

BROJ DASAKA I LETAVA



POVRŠINA TERASE

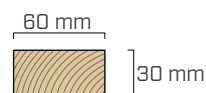
$$S = A \cdot B = 6 \text{ m} \cdot 4 \text{ m} = 24 \text{ m}^2$$

DASKE



L = 140 mm
s = 21 mm
f = 7 mm

LETVE



b = 60 mm
h = 30 mm
i = 0,6 m

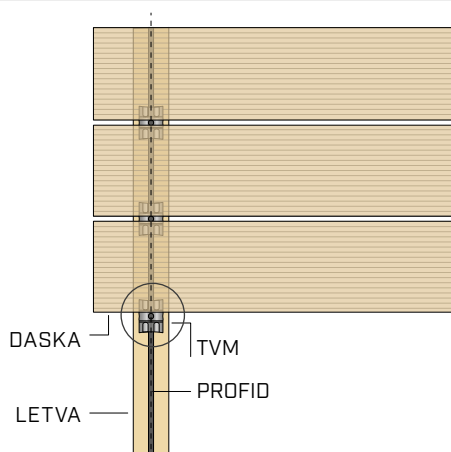
$$\begin{aligned} \text{br. dasaka} &= [B / (L + f)] \\ &= [4 / (0,14 + 0,007)] = 27 \text{ dasaka} \end{aligned}$$

br. dasaka 4 m = 27 dasaka

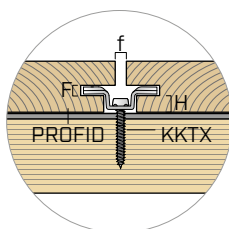
br. dasaka 2 m = 27 dasaka

$$\text{br. letava} = [A / i] + 1 = (6 / 0,6) + 1 = 11 \text{ letava}$$

ODABIR VIJKA



Debljina glave vijka	S _{glava vijka}	2,8 mm	
Debljina glodanja	F	4 mm	
Visina glodanja	H	10 mm	
Debljina PROFID	S _{PROFID}	8 mm	
Duljina prodiranje	L _{pen}	4 · d	20 mm



MINIMALNA DULJINA VIJKA

$$\begin{aligned} &= S_{\text{glava vijka}} + H + S_{\text{PROFID}} + L_{\text{pen}} \\ &= 2,8 + 10 + 8 + 20 = 40,8 \text{ mm} \end{aligned}$$

ODABRANI VIJAK

KKTX540A4

IZRAČUN BROJA TVM

KOLIČINA ZA FORMULU UČINKA

$$I = S / i / (L + f) = \text{kom. TVM}$$

$$I = 24 \text{ m}^2 / 0,6 \text{ m} / (0,14 \text{ m} + 0,007 \text{ m}) = 272 \text{ kom. TVM}$$

koefficient ponovno iskorištene sirovine = 1,05

$$I = 272 \cdot 1,05 = 286 \text{ kom. TVM}$$

$$I = 286 \text{ kom. TVM}$$

BROJ TVM = 286 kom.

KOLIČINA PO BROJU SJECIŠTA

$$I = \text{br. dasaka s TVM} \cdot \text{br. letava} = \text{kom. TVM}$$

$$\text{br. dasaka s TVM} = (\text{br. dasaka} - 1) = (27 - 1) = 26 \text{ dasaka}$$

$$\text{br. letava} = (A / i) + 1 = (6 / 0,6) + 1 = 11 \text{ letava}$$

$$\text{br. sjecišta} = I = 26 \cdot 11 = 286 \text{ kom. TVM}$$

$$I = 286 \text{ kom. TVM}$$

BROJ VIJAKA = br. TVM = 286 kom. KKTX540A4