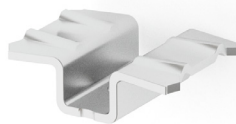


TVM A2 | AISI304

FASTENER FOR TERRACES

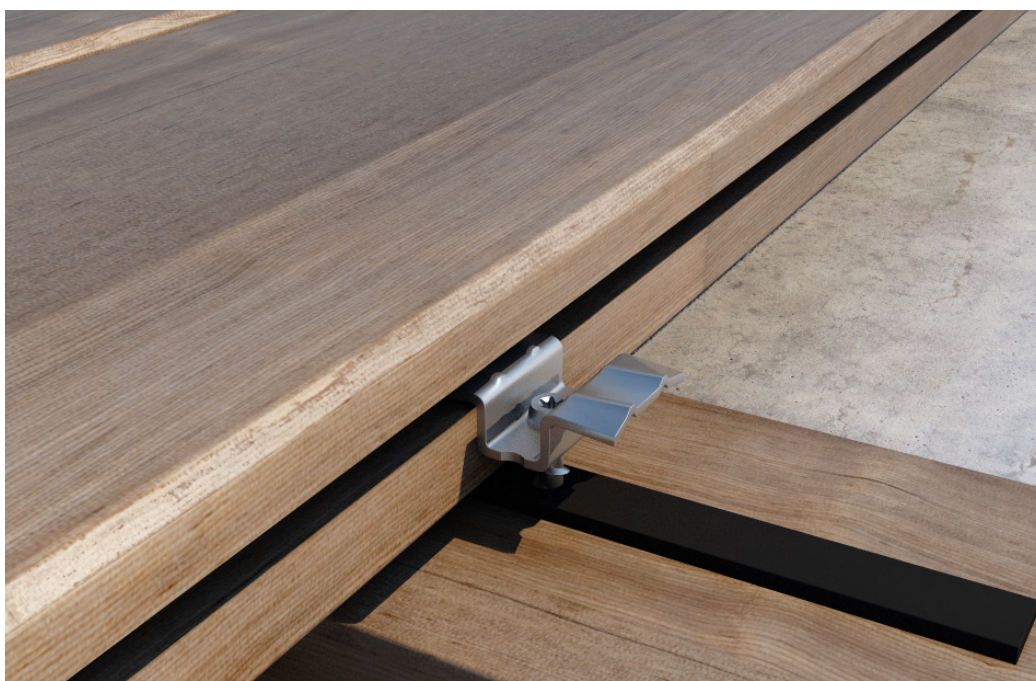
MATERIAL	stainless steel A2 AISI304
SPECIAL	three sizes
PLANKS	asymmetric milling
GAPS	from 7,0 to 8,0 mm
FASTENINGS	KKT X, KKA



ASYMMETRIC MILLING

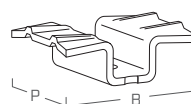


TVM1	H: 8 mm	F: 3 mm
TVM2 - TVM3	H: 10 mm	F: 3 mm
TVMN4	H: 13 mm	F: 3 mm



CODES AND DIMENSIONS

CODES	material	P x B x s [mm]	pcs.
TVM1	A2 AISI304	22,5 x 31 x 3	250
TVM2	A2 AISI304	22,5 x 33 x 2,5	250
TVM3	A2 AISI304	30 x 29,4 x 2,5	200



FASTENING ON WOOD AND WPC - KKT X A4 | AISI316

CODES	TX	d ₁ x L [mm]	pcs.	CE
KKT X520A4 ⁽¹⁾	20	5 x 20	100	
KKT X525A4 ⁽¹⁾	20	5 x 25	250	
KKT X530A4 ⁽¹⁾	20	5 x 30	100	
KKT X540A4 ⁽¹⁾	20	5 x 40	100	■

FASTENING ON ALUMINIUM - KKA AISI410

CODES	TX	d ₁ x L [mm]	pcs.	CE
KKA420	20	5 x 20	200	■
KKA540	20	5 x 40	100	■
KKA550	20	5 x 50	100	■

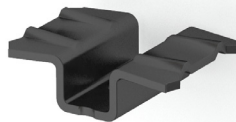
d₁ x L Nominal diameter and length of the screw
P x B x s Dimensions of the clip
TX Bit

NOTE: ⁽¹⁾ Screws with total thread

TVM N

FASTENER FOR TERRACES

MATERIAL	aluminium
COLOUR	black
PLANKS	asymmetric milling
GAPS	from 7,0 to 8,0 mm
FASTENINGS	KKT N, KKA N



SYMMETRIC MILLING



TVM1	H: 3 mm F: 8 mm
TVM2 - TVM3	H: 3 mm F: 10 mm
TVMN4	H: 3 mm F: 13 mm



CODES AND DIMENSIONS

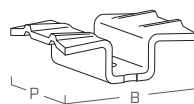
CODES		material	P x B x s [mm]	pcs.
TVMN4	N	EN AW 5754	23 x 36 x 2,5	200

FASTENING ON WOOD AND WPC- KKT N

CODES		TX	d ₁ x L [mm]	pcs.
KKTN540 ⁽¹⁾	N	20	5 x 40	100

FASTENING ON ALUMINIUM - KKA N

CODES		TX	d ₁ x L [mm]	pcs.
KKAN430	N	20	4 x 30	200



d₁ x L
P x B x s
TX

Nominal diameter and length of the screw
Dimensions of the clip
Bit

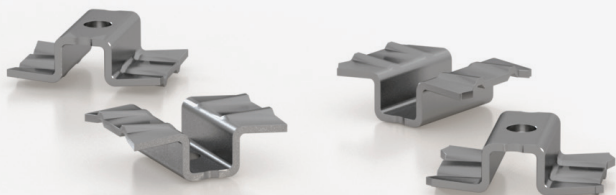
N
NOTE:

Black
⁽¹⁾ Screws with total thread

TVM

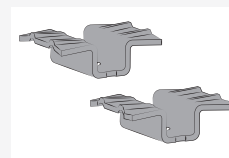
Hidden clip for boards

A2 stainless steel perforated profile



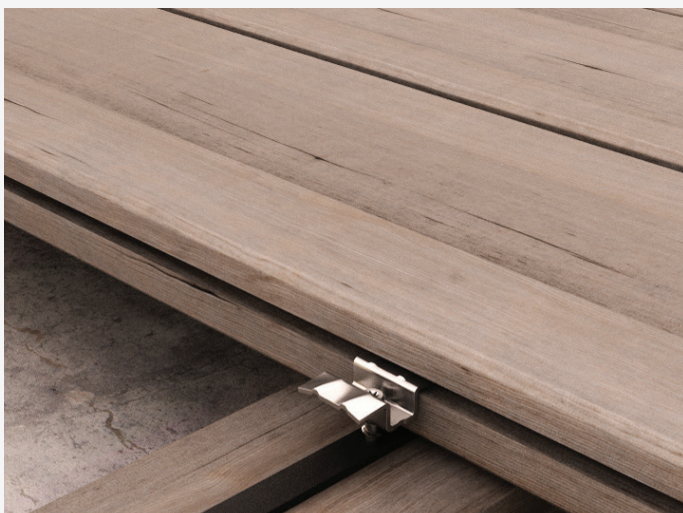
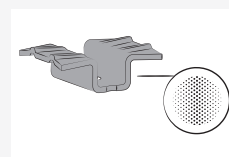
TWO VERSIONS

Two sizes for applications on boards with different thickness and gaps of varying width. Ribbed surface



STAINLESS STEEL

Made of stainless steel it resists corrosion effectively. Hidden fastener for pleasing aesthetics



DURABILITY

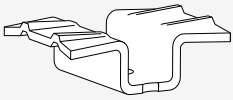
The micro-ventilation between the boards helps the durability of the wooden elements. The stainless steel fastener ensures high corrosion-resistance

PECULIARITY

Ideal for boards with asymmetrical "female-female" groove cuts. Stability ensured by the surface ribbing.

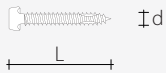
CODES AND DIMENSIONS

TVM



code	type	material	size [mm]	pcs/box
FE010405	TVM 1	AISI304 / A2	32 x 22 x 3	250
FE010400	TVM 2	AISI304 / A2	34 x 23 x 2,5	250

KKT X - SCREW FOR OUTDOOR



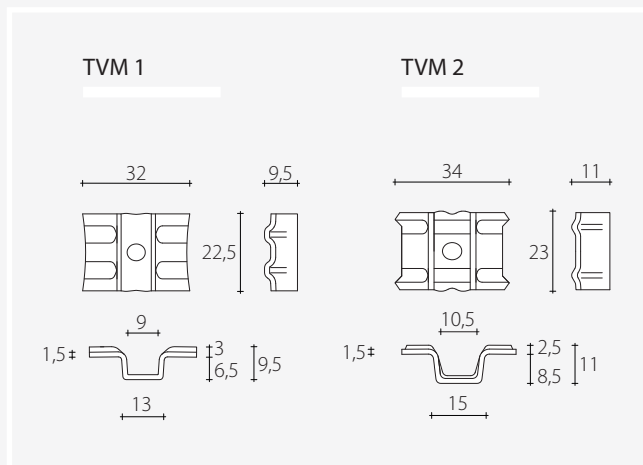
code	material / color	d x L [mm]	insert	pcs/box
KKTX525A4 *	S ■■	5 x 25	TX20	250
KKTX530A4 *	S ■■	5 x 30	TX20	100
KKTX540A4 *	S ■■	5 x 40	TX20	100

S= A4 stainless steel

* full-threaded screw

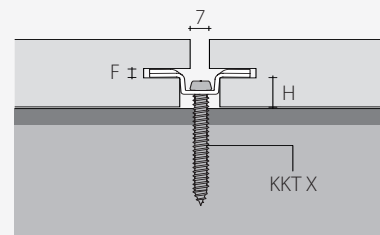
GEOMETRY

TECHNICAL SPECIFICATIONS



GROOVE-CUT GEOMETRY

CONNECTOR TYPE	SYMMETRICAL GROOVING	
	TVM 1	TVM 2
Min thickness F	3 mm	3 mm
Min recommended height H	8 mm	10 mm



CALCULATION EXAMPLE

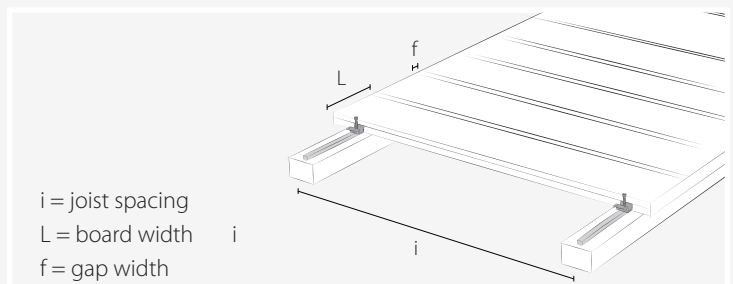
$1\text{m}^2 / \text{joist spacing} / \text{board width with gap included} = \text{pcs. a m}^2$

joist spacing (i) = 0.60 m

board width (L) = 140 mm

gap width (f) = 7 mm

$1\text{m}^2 / 0.6 \text{ m} / (0.14 \text{ m} + 0.007 \text{ m}) = 12 \text{ pcs. / m}^2$



i = joist spacing

L = board width

f = gap width