

# KKK AISI410

## SELF-DRILLING SCREW TIMBER-TO-TIMBER | TIMBER-TO-ALUMINIUM

### TIMBER-TO-ALUMINIUM

Self-perforating timber-to-metal tip with special bleeder geometry. Ideal for fastening timber or WPC boards to aluminium substructures.

### TIMBER-TO-TIMBER

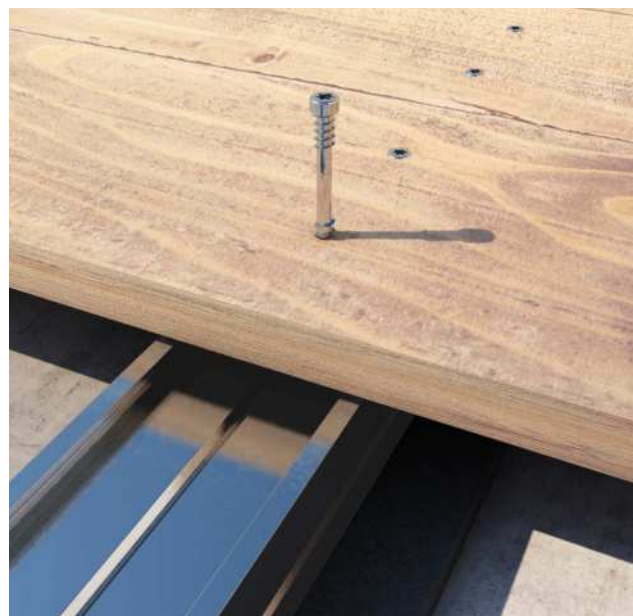
Also ideal for fastening timber or WPC boards to thin wooden substructures, they, too, made with wooden boards.

### METAL-TO-ALUMINIUM

Short version ideal for fastening clips, plates and angle brackets to aluminium substructures. Can be used to fix aluminium-aluminium overlaps.

### OUTDOOR APPLICATIONS ON ACID WOOD

AISI410 martensitic stainless steel. This stainless steel offers the highest mechanical performance compared to the other available stainless steels. Suitable for outdoor applications and on acid wood, but away from corrosive agents (chlorides, sulphides, etc.).



#### DIAMETER [mm]

3,5   8

#### LENGTH [mm]

20   320

#### SERVICE CLASS

☒ SC1 ☒ SC2 ☒ SC3

#### ATMOSPHERIC CORROSIVITY

☒ C1 ☐ C2

#### WOOD CORROSIVITY

☒ T1 ☐ T2 ☐ T3 ☐ T4

#### MATERIAL

**410**  
AISI AISI410 martensitic stainless steel



KKK Ø5



KKK Ø4



## FIELDS OF USE

Outdoor use.  
Wooden boards with density of  $< 880 \text{ kg/m}^3$   
on aluminium with a thickness of  $< 3.2 \text{ mm}$   
(without pre-drill).

## CODES AND DIMENSIONS



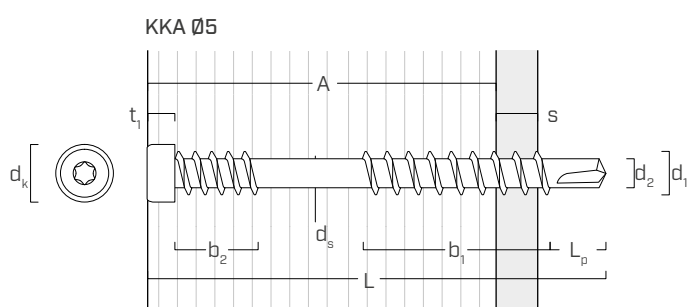
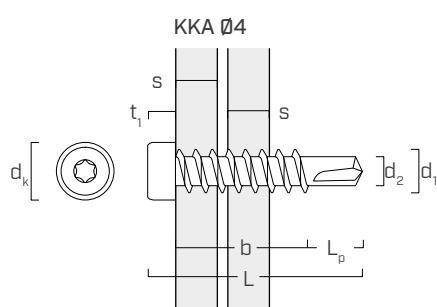
| $d_1$<br>[mm] | CODE   | L<br>[mm] | $b_1$<br>[mm] | $b_2$<br>[mm] | A<br>[mm] | s<br>[mm] | pcs |
|---------------|--------|-----------|---------------|---------------|-----------|-----------|-----|
| 4<br>TX 20    | KKA420 | 20        | 11,4          | -             | -         | 1 ÷ 2,5   | 200 |



| $d_1$<br>[mm] | CODE   | L<br>[mm] | $b_1$<br>[mm] | $b_2$<br>[mm] | A<br>[mm] | s<br>[mm] | pcs |
|---------------|--------|-----------|---------------|---------------|-----------|-----------|-----|
| 5<br>TX 25    | KKA540 | 40        | 15,5          | 11            | 29        | 2 ÷ 3     | 100 |
|               | KKA550 | 50        | 20,5          | 11            | 39        | 2 ÷ 3     | 100 |

s thickness that can be drilled, steel plate S235/St37  
thickness that can be drilled, aluminium plate

## GEOMETRY



| Nominal diameter | $d_1$ | [mm] | 4    | 5    |
|------------------|-------|------|------|------|
| Head diameter    | $d_k$ | [mm] | 6,30 | 6,80 |
| Thread diameter  | $d_2$ | [mm] | 2,80 | 3,50 |
| Shank diameter   | $d_s$ | [mm] | -    | 4,35 |
| Head thickness   | $t_1$ | [mm] | 3,10 | 3,35 |
| Tip length       | $L_p$ | [mm] | 5,5  | 6,5  |



### ALU TERRACE

Ideal for fastening timber or WPC boards, clips or angle brackets to aluminium substructures.