

# KKA COLOR

## SELF-DRILLING SCREW FOR ALUMINIUM

### ALUMINIUM

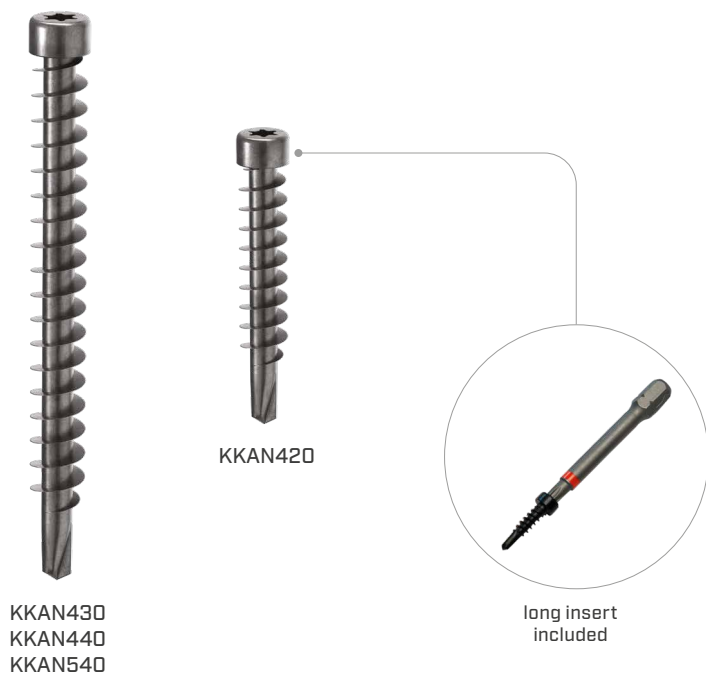
Self-perforating tip with special bleeder geometry. Ideal for fastening clips to aluminium substructures.

### ORGANIC COLORED COATING

Black color anti-rust coating for outdoor use in exposure condition 1 on non-acidic woods (T3). Concealed effect on dark substructures and clips.

### METAL-TO-ALUMINIUM

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



#### DIAMETER [in]

0.14 **0.16 0.20** 0.32

#### LENGTH [in]

13/16 **13/16** 19/16 12 5/8

#### EXPOSURE CONDITION

**EC1** DRY

#### ATMOSPHERIC CORROSIVITY

**C1** C2 C3

#### WOOD CORROSIVITY

T1 **T2** T3 T4

#### MATERIAL

ORGANIC  
COATING

carbon steel with colored organic  
anti-rust coating



### FIELDS OF USE

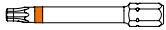
Outdoor use.  
Aluminium thickness < 1/8" (without pre-drill).

## CODES AND DIMENSIONS

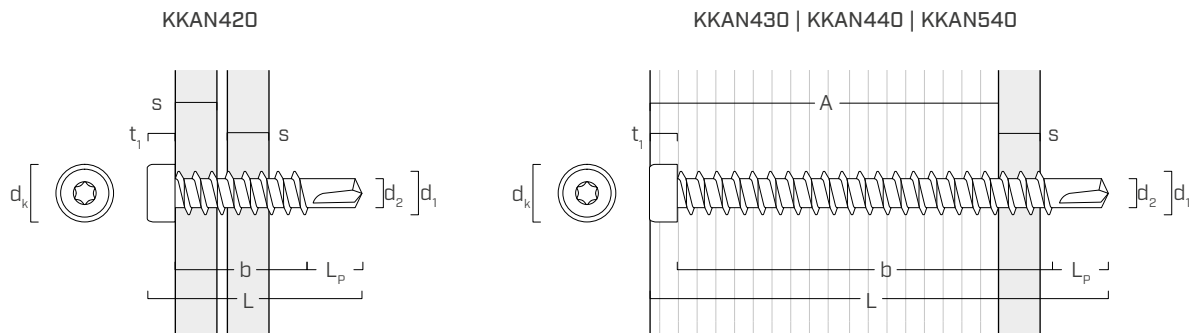


| $d_1$<br>[mm]<br>[in]     | CODE    | L<br>[mm]<br>[in] | b<br>[in] | A<br>[in] | s<br>[in]  | pcs |
|---------------------------|---------|-------------------|-----------|-----------|------------|-----|
| 4<br>0.16<br>#7<br>TX 20  | KKAN420 | 20<br>13/16       | 3/8       | -         | 1/16 - 1/8 | 200 |
|                           | KKAN430 | 30<br>1 3/16      | 13/16     | 7/8       | 1/16 - 1/8 | 200 |
|                           | KKAN440 | 40<br>1 9/16      | 1 3/16    | 1 1/4     | 1/16 - 1/8 | 200 |
| 5<br>0.20<br>#11<br>TX 20 | KKAN540 | 40<br>1 9/16      | 1 1/8     | 1 1/8     | 1/16 - 1/8 | 200 |

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

 LONG BIT INCLUDED code TX2050

## GEOMETRY



|                       |       |                     |       |       |
|-----------------------|-------|---------------------|-------|-------|
| Nominal diameter      | $d_1$ | [in] <sup>(1)</sup> | 0.16  | 0.20  |
|                       |       | [mm]                | 4     | 5     |
| Outer thread diameter | $d_1$ | [in]                | 0.157 | 0.197 |
| Head diameter         | $d_k$ | [in]                | 0.248 | 0.268 |
| Root diameter         | $d_2$ | [in]                | 0.110 | 0.138 |
| Head thickness        | $t_1$ | [in]                | 0.122 | 0.132 |
| Tip Length            | $L_p$ | [in]                | 0.217 | 0.256 |

<sup>(1)</sup>The nominal diameter of the screw is converted into imperial units and rounded up to the nearest decimal point.



### TVM COLOR

Ideal for fastening standard Rothoblaas clips (TVMN) on aluminium. Long bit included in each package.