

# KKA COLOR

## SELF-DRILLING SCREW FOR ALUMINIUM

### ALUMINIUM

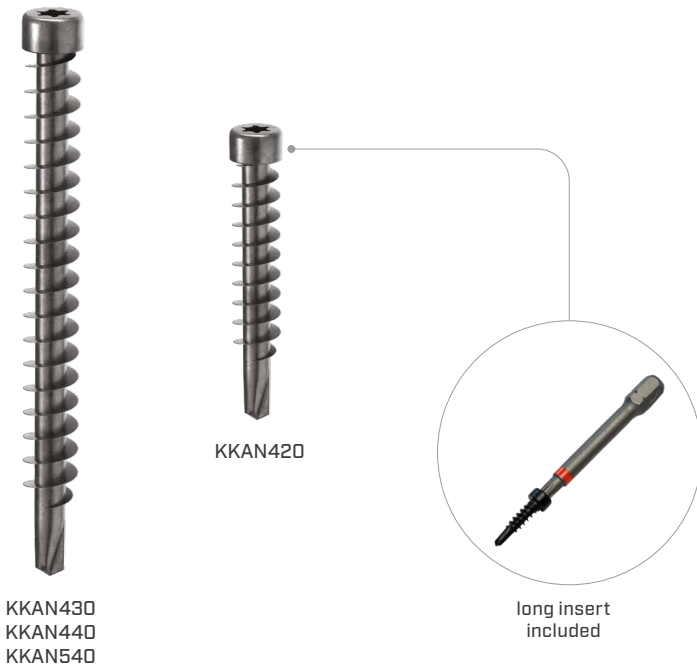
Self-perforating tip with special bleeder geometry. Ideal for fastening clips to aluminium substructures.

### 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 1 9/16** 12 5/8

#### EXPOSURE CONDITION

**EC1**

#### 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

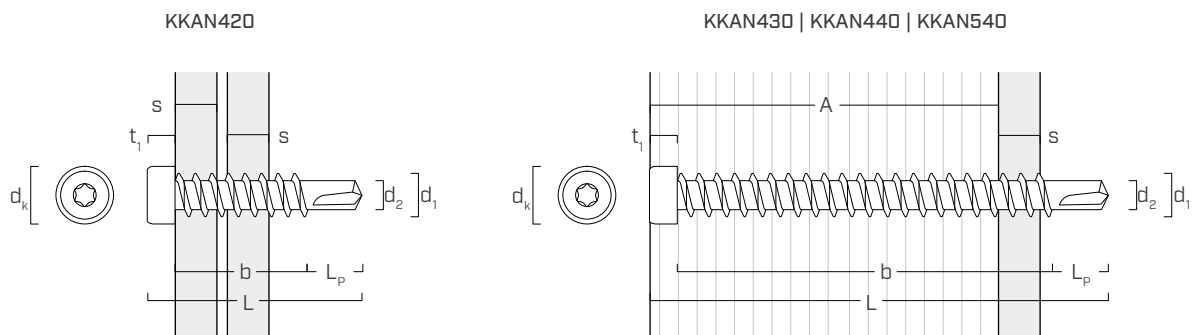


$d_1$ [mm] [in]	CODE	L [mm] [in]	b [in]	A [in]	s [in]	pcs
4 <b>0.16</b>	KKAN420	20	13/16	3/8	-	200
#7	KKAN430	30	1 3/16	13/16	7/8	200
TX 20	KKAN440	40	1 9/16	1 3/16	1 1/4	200
5 <b>0.20</b>	KKAN540	40	1 9/16	1 1/8	1/16 - 1/8	200
#11 TX 20						

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.