

## A NEW AND INNOVATIVE FIRE-TESTED ANCHOR RANGE

The new SureHit KDM fixing system from CPS is suitable for the installation of all kinds of partitioning, dry-lining, suspended ceilings, fire rated board and panel materials for fire proofing and tunnel linings.

With both a Fire Rating Certificate ETK/RWS and European Technical Approval, the SureHit KDM fixing can be used for most extreme applications in either cracked or non-cracked concrete, to ensure a safe and secure installation for all your fire rated applications.



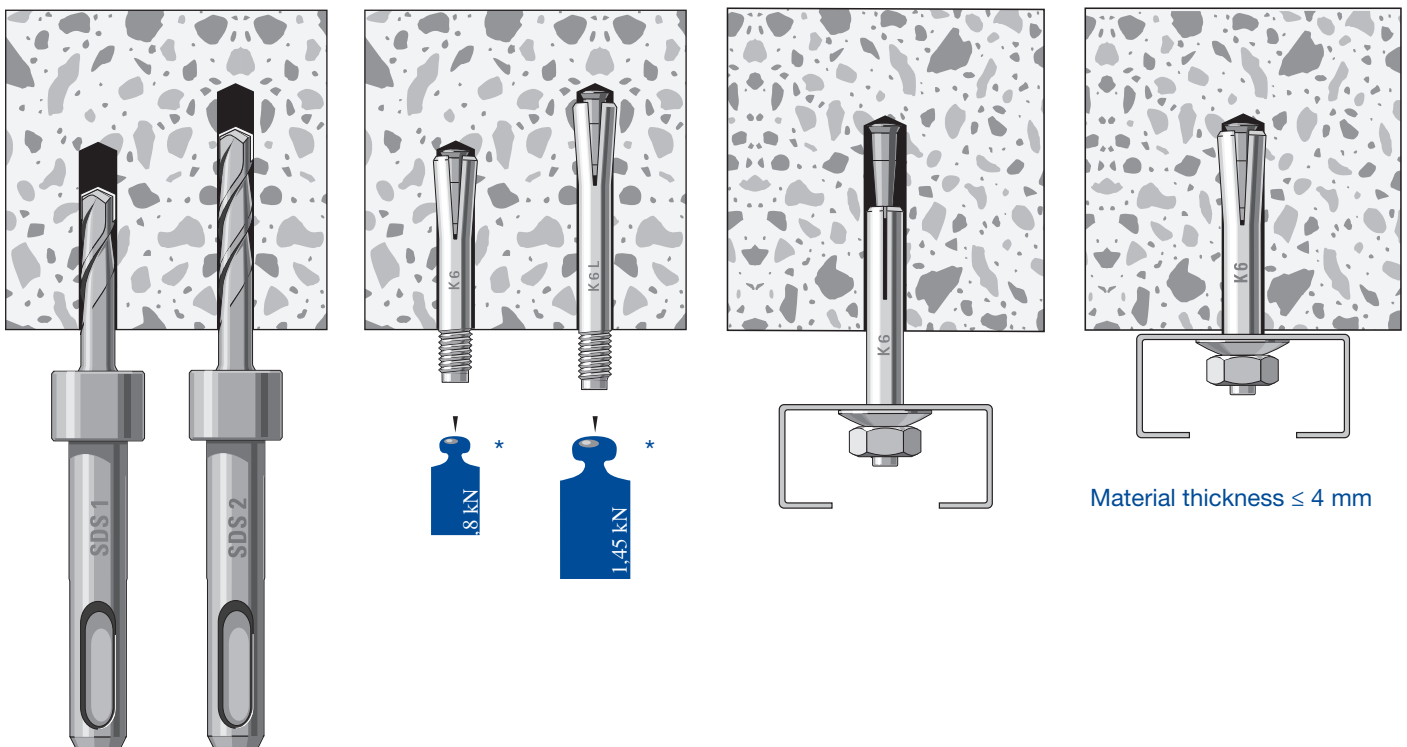
Available in bright zinc plated carbon steel and the following stainless steels: A4 - 1.4404, A5 - 1.4571 and for extreme conditions such as chlorine contaminated atmospheres or road tunnels the A6 - 1.4529 material is available.



Each anchor is supplied with its own matching drill bit, to drill the correct  $\varnothing$  hole and depth, ensuring accuracy and speedy installation each and every time. The flush fixing anchor is installed directly against the surface of the concrete, rather than drilling through the attachment.

### Installation:

1. Use drill bit provided and drill until the collar of the bit rests against the surface of the concrete.
2. Place the anchor through the attachment and mount onto the setting tool, (Setting tool mounted on drill bit). Then proceed to place the anchor and attachment into the hole and install as previously described for the flush fixing.



\* Also suitable for non-load bearing applications requiring multiple fixing points  
 Partial safety factors (YM and YF) in accordance to the corresponding ETAG

Either the KDM or KDM/L fixings are installed »through« the corresponding attachment.

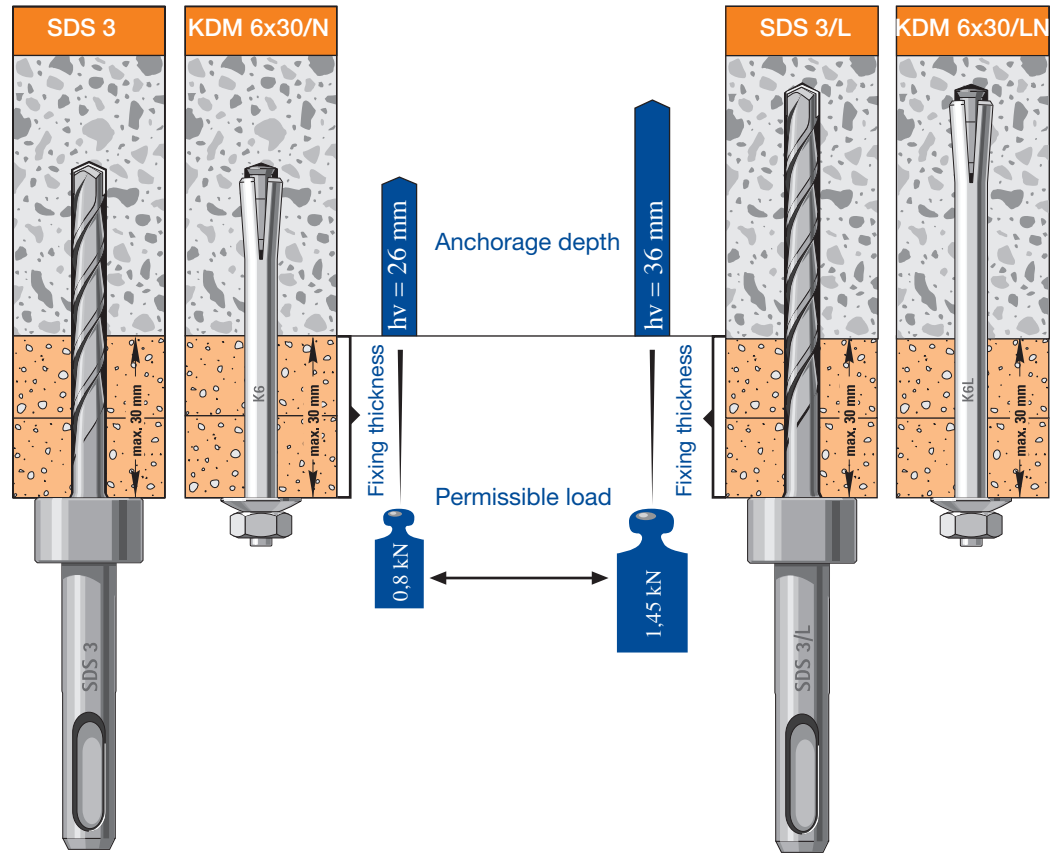
## SureHit – Through fixing

From the table below select the suitable length drill bit to match the thickness of material to be installed.

Drill through the attachment until the collar of the drill bit rests against the surface of the material.

Place the corresponding power tool attachment over the end of the drill bit and install the anchor.

Alternatively, a hand held setting tool may be used to install the fixing.



How to select the appropriate size and length of the drill bit.

Drill hole depth 32 mm  
= Anchorage depth 26 mm  
= Perm. Load 0.8 kN\*

Drill hole depth 42 mm  
= Anchorage depth 36 mm  
= Perm. Load 1.45 kN\*

DESCRIPTION	FIXING THICKNESS mm	+	DRILL HOLE DEPTH mm	=	TOTAL DRILLING LENGTH mm	PERMISSABLE LOAD kN
SDS 3	30		32		62	0.8
SDS 3/L	40		32		72	0.8
SDS 4	50		32		82	0.8
SDS 4/L	60		32		92	0.8
SDS 5	80		32		112	0.8
SDS 5/L	90		32		122	0.8
SDS 6	100		32		142	0.8
SDS 3	20		42		62	1.45
SDS 3/L	30		42		72	1.45
SDS 4	40		42		82	1.45
SDS 4/L	50		42		92	1.45
SDS 5	70		42		112	1.45
SDS 5/L	80		42		122	1.45
SDS 6	100		42		142	1.45

\* Also suitable for non-load bearing applications requiring multiple fixing points. Partial safety factors ( $\gamma_M$  and  $\gamma_F$ ) in accordance to the corresponding ETAG

## SureHit – Fire Rated fixing KDM 6

For the attachment of fire rated panel and board materials to concrete

### Applications:

All kinds of installations requiring a fire rated fixing for the installation of partitions, dry-lining, suspended ceilings and fire rated panel and boards.

### Range of materials:

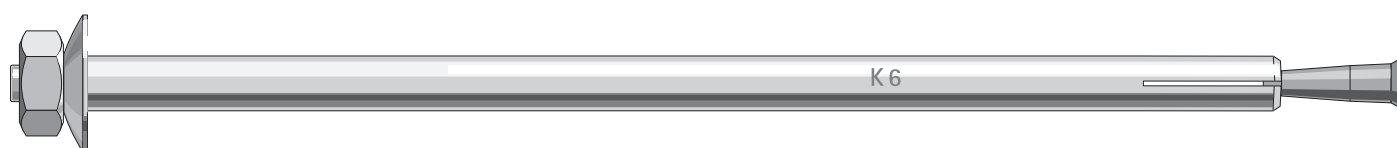
Bright zinc plated carbon steel and the following stainless steels: A4 - 1.4404, A5 - 1.4571. For extreme conditions such as chlorine contaminated atmospheres or road tunnels the A6 - 1.4529 material is available.

### Permissible loads:

In accordance with the ETA-04/0026 \*  
KDM 6x... /N 0,80 kN

### Note:

All sizes of the KDM 6 x.../N can be installed without the use of a setting tool, by using an appropriate size hammer to drive the fixing home.



FIREPROTECTION FIXING	KDM 6x30/N	KDM 6x40/N	KDM 6x50/N	KDM 6x60/N	KDM 6x80/N	KDM 6x90/N	KDM 6x110/N
Max. FIXING THICKNESS ≤ mm	30	40	50	60	80	90	110
ITEM NUMBER							
BOX QTY/PIECES	100	100	100	100	50	50	50
COLLAR DRILL BIT	SDS 3	SDS 3/L	SDS 4	SDS 4/L	SDS 5	SDS 5/L	SDS 6
ITEM NUMBER							
DRILL BIT ATTACHMENT SETTING TOOL	SWM-SM50	SWM-SM50	SWM-SM50	SWM-SM50	SWM/H	SWM/H	SWM/H
ITEM NUMBER							
HAND HELD SETTING TOOL	SWM-H	SWM-H	SWM-H	SWM-H			
ITEM NUMBER							

\* Also suitable for non-load bearing applications requiring multiple fixing points. Partial safety factors ( $\gamma_M$  and  $\gamma_F$ ) in accordance to the corresponding ETAG

ANOTHER NEW INNOVATION FROM CONSTRUCTION PRODUCTS SOLUTIONS

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Please always wear the appropriate safety and protective clothing when installing fixing and anchor products. Always observe the necessary Health & Safety guidelines.

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