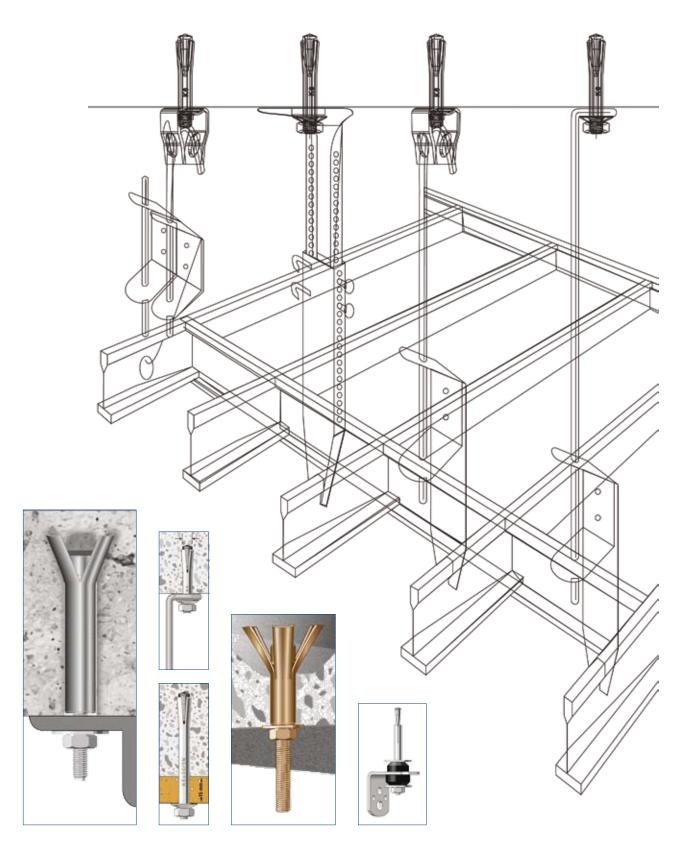




A V

K



A unique range of anchors specifically designed for the Fit Out and MEP trades





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Drill hole with the corresponding stop drill bit:



Stop drill bit and corresponding anchor

The Surehit consists of two components: the stop drill bitthe anchor (can include attachment).

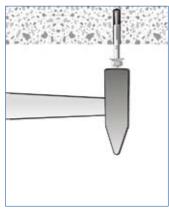
Stop drill bit supplied to drill the correct diameter and depth. The stop drill bit corresponds to the anchor, resulting in the correct depth as well as hole diameter being drilled each time.

This ensures peace of mind: With all anchors, the min. drill hole depth is ensured the surehit anchor with corresponding stop drill bit, achieves this.

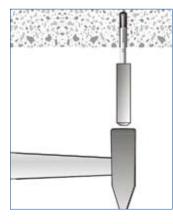
The installation of the anchor is as follows.



With the setting tool



With the respective anchor size – KDM-KDM 6 x \dots /N.



All anchors can be set using the hand held setting tool

With the setting tool and drill bit



To decrease installation time, the anchor can be installed using the setting tool mounted on the drill bit

* Permissable load in accordance to ETA/ -04/ 0026. Suitable for non-load bearing applications Total partial safety anchor in accordance to ETAG (Y_M & Y_F)



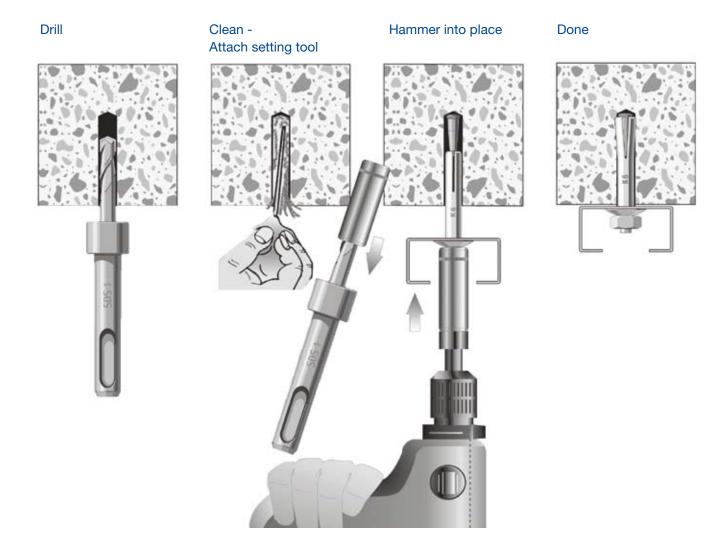
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THE SUREHIT ANCHOR



Installation advantages:

1. Installation errors are all but eliminated

The anchor and matching installation tools ensure no installation errors.

2. Saving time and material

Each SureHit stop drill bit suits the selected anchor to ensure the correct anchor hole depth.

3. Approved safety

SureHit anchors meet all technical requirements: Ø ETA approval.

4. Problem solving solution

The SureHit system is so versatile it will overcome almost all installation problems.

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PRE-FIX OR THROUGH-FIX INSTALLATION

Drill with the appropriate SureHit stop drill bit

For this example the stop drill bit will sit against the surface of the drill hole (see opposite)

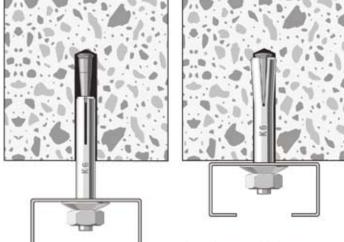
Installation procedure *D* Drill the hole

Install the anchor and attachment



For through fixing installations using either the KDM or KDM/L

The anchor is installed through the attachment



Attachment thickness \leq 4.0 mm

* Permissable load in accordance to ETA/ -04/ 0026. Suitable for non-load bearing applications Total partial safety anchor in accordance to ETAG ($Y_M & Y_F$)

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For through fixing the drill hole

concrete.

is made through the attachment. The anchor is therefore installed through the attachment into the



THROUGH FIXING INSTALLATION

SDS 3 KDM 6x30/N (ung g a minute of the second of the se

Match the stop drill to the anchor	Description	Fixing thickness mm	Drill hole	Usable length mm	Per. load kN
Drill hole depth 32 mm = Anchorage depth 26 mm =	SDS 3 SDS 3/L SDS 4 SDS 4/L SDS 5 SDS 5/L	30 40 50 60 80 90	32 32 32 32 32 32 32	62 72 82 92 112 122	0.8 0.8 0.8 0.8 0.8 0.8 0.8
Perm. Load 0.8 kN*	SDS 6	100	32	142	0.8
Drill hole depth 42 mm	SDS 3 SDS 3/L	20 30	42 42	62 72	1.45 1.45
= Anchorage depth 36	SDS 4	40	42	82	1.45
mm =	SDS 4/L SDS 5	50 70	42 42	92 112	1.45 1.45
Perm. Load 1.45 kN*	SDS 5/L SDS 6	80 100	42 42	122 142	1.45 1.45

* Permissable load in accordance

to ETA/ -04/ 0026. Suitable for non-load bearing applications

Total partial safety anchor in

accordance to ETAG (Y_M & Y_F)

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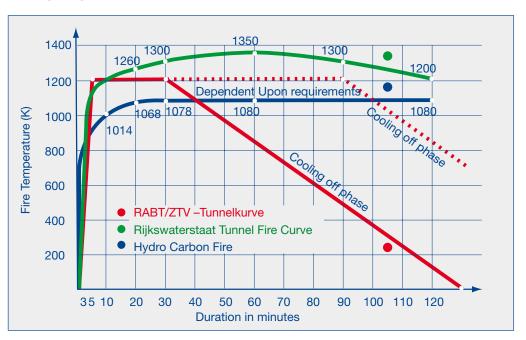
SUREHIT ANCHOR SYSTEM FOR FIRE PROTECTION APPLICATIONS

Fire tests with anchors are the most onerous that an individual fixing is expected to endure. Since 1984 regular fire testing of Surehit anchors has taken place.

The tests with the Surehit have been carried out in accordance with the so called 'Uniform Temperature Curve' [ETK].

At the same time, additional temperature curves can be observed for special conditions. In certain cases, such as tunnel construction, the additional requirements are even more onerous. The conditions of the behaviour of fires in tunnels are measured in different ways for each respective country. This can be seen from the diagram below.

The Surehit anchors are tested in accordance to the Rijkswaterstaat Tunnel Fire Curve [RWS].



SureHit is covered by a European Technical Approval. The shallow installation depth removes the need for powder-actuated (shot-fired) fixings. SureHit is suitable for the installation of dry lining, partitioning and fire protection boards and also for suspended ceiling and lighting applications. It is compliant with the requirements of London Undergrpund Standard 1-085 'Fire Safety Performance of Materials' and can be used in below ground stations.

* For use with non – load bearing systems with multiple fixings in cracked concrete. Total partial safety anchor in accordance to ETAG ($Y_M \& Y_F$)

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K CONCRETE ANCHOR FOR THE ATTACHMENT OF SUSPENDED CEILINGS, METAL WORK AND EQUIPMENT

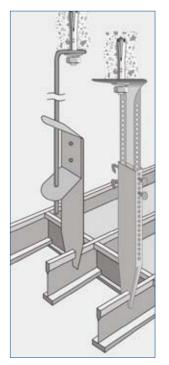
SureHit suspended ceiling fixings – KDM - /KDM/L

Application:

For the attachment of all kinds of cleats and brackets used for suspended ceilings.

Available in the following materials Zinc plated and Passivated steel Stainless Steel A4 1.4404 Stainless Steel A5 1.4571 Stainless Steel A6 1.4529

Perm. Load to approval ETA -04/0026* KDM 0.80 kN KDM/L 1.45 kN



 * Permissable load in accordance to ETA/ -04/ 0026. Suitable for non-load bearing applications
 Total partial safety anchor in accordance to ETAG (Y_M & Y_F)





Soffit fixing	KDM	KDM-Set
Fixing thickness ≤ mm	4	4
Item number	KSH7001	KSH7002
Box Qty	200	200
Stop drill	SDS 1	SDS 1
Item number	KSH11002	KSH11002
Hand held setting tool	SWM-H	SWM-H
Item number	KSH10007	KSH10007
Stop drill setting tool	SWM-SM 16	SWM SM 16
Item number	KSH10207	KSH10207

Contents set: 200 KDM anchors

Contents set: 200 KDM anchors and 1 STOP DRILL SDS 2

		and 1 Stop Drill SDS 1
Soffit fixing	KDM/L	KDM/L-Set
Fixing thickness ≤ mm	4	4
Item number	KSH7101	KSH7020
Box Qty.	100	200
Stop drill	SDS 2	SDS 2
Item number	KSH7002	KSH7002
Hand held setting tool	SWM-H	SWM-H
Item number	KSH10007	KSH1007
Stop drill setting tool	SWM-SM 16	SWM SM 16
Item number	KSH10207	KSH10207





Stop drill SDS 2





SWM - H

SWM – SM 16

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KDA CONCRETE FIXING FOR SUSPENDED CEILINGS

Application:

For the attachment of wire hangers used for suspended ceilings.

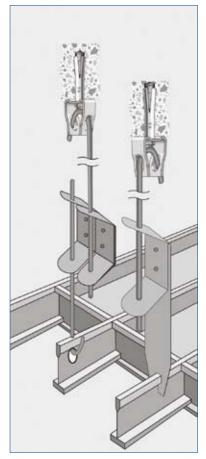
Available in the following materials: Zinc plated and passivated carbon steel











 * Permissable load in accordance to ETA/ -04/ 0026. Suitable for non-load bearing applications
 Total partial safety anchor in accordance to ETAG (Y_M & Y_F)

Soffit fixing	KDA	KDA/Set	KDA-L
Item number	KSH7008	KSH7009	KSH7108
Box qty	100	200	100
Stop drill	SDS 1	SDS 1	SDS 2
Item Number	KSH11002	KSH11002	KSH1107
Stop drill setting too	I SWA-SM	SWA-SM	SWA-SM
Item number	KSH10205	KSH10205	KSH10205

Contents set: 200 KDM anchors + 1 Stop drill SDS 1



Stop drill SDS 1

Stop drill SDS 2

SWA - SM



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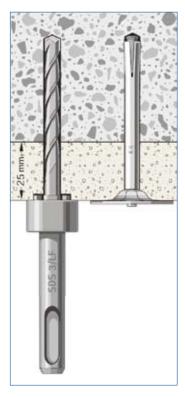
KDM CONCRETE FIXING FOR FIRE PROTECTION BOARDS AND SIMILAR MATERIALS

SureHit fire protection board fixing KDM 6.

Application:

For the attachment of fire protection board in conjunction with a 40mm steel insulation disc.

Available in the following materials: Zinc plated and Passivated steel Stainless steel A4 1.4404 Stainless steel A5 1.4571 Stainless steel A6 1.4529



 * Permissable load in accordance to the ETA/-04/0026.
 Suitable for non-load bearing applications
 Total partial safety anchor in accordance to ETAG (Y_M & Y_F)





Fire protection fixing	KDM 6 x 30	KDM 6 x 40	KDM 6 x 50
Fixing thickness ≤ mm	30	40	50
Item Number	KSH7301	KSH7303	KSH7302
Box qty.	100	100	100
Stop drill	SDS 3F	SDS 3 LF	SDS 4F
Item number	KSH11018	KSH11026	KSH11019
Setting tool	hand held	hand held	hand held



Suitable for fixing KD 6 x KDM 6 x ...

Insulation disc	80 x 80mm	Ø 40mm
Availability	Item Number	Item Number
Bright zinc plated	KSH17055	KSH17049
Black zinc plated	KSH17056	
Stainless steel A4	KSH17057	
Stainless steel 1.4539		KSH17058



Stop drill SDS 3F / SDS 3LF



Stop drill SDS 4F

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TYPICAL APPLICATIONS TO ATTACH FIRE PROTECTION BOARDS



A range of products for fire protection applications in tunnels and structures.



Small SureHit used to attach fire protection board.



Completed tunnel project, using the Surehit to attach fire protection board and radio cable throughout.



Work in progress.

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KDM FIRE RATED CONCRETE FIXING FOR FIRE PROTECTION BOARDS AND SIMILAR MATERIALS

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.

max. fixing thickness | drill hole depth 30mm ≥32mm 50mm | 50mm | ≥32mm 165mm | ≥32mm

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.

FIRE PROTECTION 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	KSH7309	KSH7311	KSH7310	KSH7312	KSH7313	KSH7315	KSH7314
Box qty/pieces	100	100	100	100	50	50	50
Stop Drill Bit	SDS 3	SDS 3/L	SDS 4	SDS 4/L	SDS 5	SDS 5/L	SDS 6
Item number	KSH11012	KSH11023	KSH11013	KSH11025	KSH11014	KSH11024	KSH11015
Stop drill setting tool	SWM-	SWM-	SWM-	SWM-			
	SM50	SM50	SM50	SM50			
Item number	KSH10206	KSH10206	KSH10206	KSH10206			
Hand held setting tool	SWM-H						
Item number	KSH10007						



* Permissible loads:
In accordance with the ETA-04/0026 * KDM 6x... /N 0,80 kN
*Also suitable for non-load bearing applications requiring multiple fixing points.Total partial safety anchor in accordance to ETAG (Y_M & Y_F)



Stop drill SDS 3 - SDS 6





SWM-SM 50

CONSTRUCTION PRODUCTS SOLUTIONS INTERNATIONAL LTD.

SWM/H

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K CONCRETE FIXING FOR SUSPENDED CEILINGS, CLEATS AND BRACKETS

SureHit bolt anchor M6

Application:

For the attachment of objects to the surface of thick insulation (Through fixing)

Available in the following materials: Zinc plated and passivated

Carbon Steel Stainless steel A4 1.4404 Stainless steel A5 1.4571 Stainless steel A6 1.4529

The long fixing thickness allows the anchor to attach items to thick insulation.

5mm min. drill hole depth ≥32mm	European Technical Approval
15mm	ETA-04/0026
30mm	
30mm 20mm	
<u>кв</u> 50mm 30mm	
Кв	

60mm

50mm

Bolt Fixing	K 6x5	K 6x15	K 6x30	K 6x50/30	K 6x80/50	K 6x110/50
Item number	KSH7199	KSH7200	KSH7201	KSH7210	KSH7211	KSH7212
Box qty	200	100	100	100	100	100
Stop drill	SDS 1	SDS 1	SDS 1	SDS 1	SDS 1	SDS 1
Item number	KSH11002	KSH11002	KSH11002	KSH11002	KSH11002	KSH11002
Hand held setting tool	EWA	EWA	EWA	EWA	EWA	EWA
	6 x 5	6 x 15	6 x 30	6 x 50	6 x 80	6 x 110
Item number	KSH10099	KSH10100	KSH10101	KSH10102	KSH10103	KSH10104
Stop drill setting tool	EWA	EWA	EWA			
	6 x 5-SM	6 x 15-SM	6 x 30-SM			
Item number	KSH10094	KSH10093	KSH10120			











* Perm. Load to ETA-04/0026
K 6x... 0.8kN in accoordance to ETA / -04/ 0026.
Suitable for non-load bearing applications.
Total partial safety anchor in accordance to

ETAG (Y_M & Y_F)

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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. © All text copyright. Above information is given as guidance only and should always be verified by a suitable engineer. The above information is given in good faith, and may be subject to alteration at any time without prior notification.

13





K CONCRETE FIXING FOR MECHANICAL AND ELECTRICAL EQUIPMENT THROUGH INSULATION

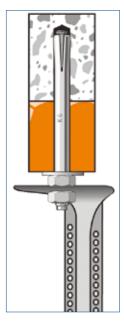
SureHit bolt anchor M6L

Application:

For the attachment of objects to the surface of thick insulation (Through fixing)

Available in the following materials: Zinc plated and passivated carbon steel Stainless steel A4 1.4404 Stainless steel A5 1.4571 Stainless steel A6 1.4529

The long fixing thickness allows the anchor to attach items to thick insulation



* Perm. Load to ETA-04/0026 K 6x.../L 1.45kN in accordance to ETA / -04/ 0026. Suitable for non-load bearing applications. Total partial safety anchor in accordance to ETAG ($Y_M \& Y_F$)

5mm Drill hole depth ≥ 42mm	European Technical Approval ETA-04/0026
15mm	Fire Resistance Class R120
30mm	
K6L S0mm 20mm	
K6L	
K6L 60mm	

Bolt anchor	K 6x5/L	K 6x15/L	K 6x30/	K 6x50/ 30L	K 6x80/ 50L	K 6x110/ 50L
Item number	KSH7018	KSH7203	KSH7204	KSH7205	KSH7240	KSH7241
Box qty	200	100	100	100	100	100
Stop drill	SDS 2	SDS 2	SDS 2	SDS 2	SDS 2	SDS 2
Item number	KSH11007	KSH11007	KSH11007	KSH11007	KSH11007	KSH11007
Hand held setting to	ol EWA	EWA	EWA	EWA	EWA	EWA
	6x5	6x15	6x30	6x50	6x80	6x110
Item number	KSH10099	KSH10100	KSH10101	KSH10102	KSH10103	KSH10104
Stop drill setting tool	EWA	EWA	EWA			
	6x5-SM	6x15-SM	6x30-SM			
Item number	KSH10094	KSH10093	KSH10120			

EWA 6 x 5







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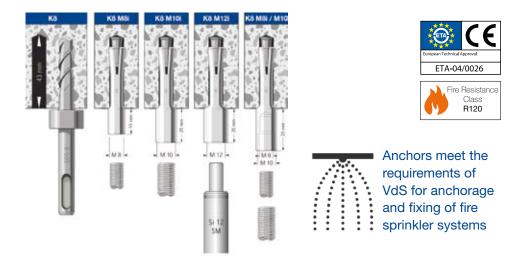
K8 CONCRETE FIXING FOR SUSPENDED CEILINGS, DROP RODS AND MECHANICAL/ELECTRICAL EQUIPMENT

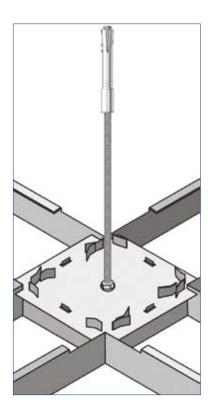
SureHit internal thread anchor

Application:

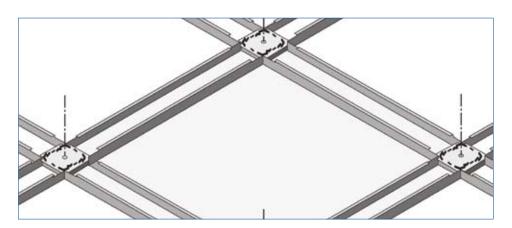
For use with drop rods, sprinkler systems, suspended ceilings and other M and E equipment

Available in the following materials: Carbon steel Stainless steel (available upon request)





* Perm. load in accordance to ETA /04/0026* K8 [all sizes] 1.45 kN. Fire resistance classification R120. For use with non-load bearing multiple fixing systems in cracked concrete. Total safety factors in accordance to ETAG ($Y_M \& Y_F$)



Internal Thread	K8 – M8/i	K8 – M10/i	K8 – M12/i	K8 – M8/ M10i
Item number	KSH7170	KSH7171	KSH7172	KSH7173
Box Qty	100	50	50	50
Stop drill	SDS 8x 43	SDS 8x 43	SDS 8x 43	SDS 8x 43
Item number	KSH11102	KSH11102	KSH11102	KSH11102
Stop drill setting tool	Si 8-SM	Si 10-SM	Si 12-SM	Si 8-SM
Item number	KSH10230	KSH10231	KSH10232	KSH10230
_				



6mm SureHit internal thread anchor available upon request.

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Extract from the approval ETA 04/0026 Table 5: Installation Information

Anchor type	K6	K6 +	K	6L	K8
Nominal drill diameter d₀[mm]	6	6		6	8
Minimum drill depth $h_1 \ge [mm]$	32	37	42	62	43
Minimum structural component thickness hmin [m	nm] 80	80	80	100	80
Effective anchorage depth $h_{ef} \ge [mm]$	26	31	36	56	36
Axial spacing $s_{cr} \ge [mm]$		2	00		
Edge spacing $c_{cr} \ge [mm]$		1	50		

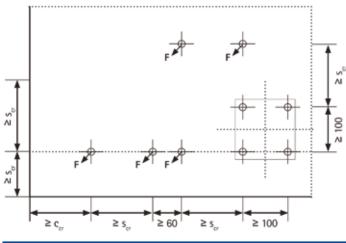
Table 6: Design resistant values in accordance to design method C

Zinc plated anchor			K6	K6+	K6L	K8
All load directions						
Characteristic resistance in C20/25 C50/60	F _{Rk}	[kN]	2	2,5	5	5
Characteristic resistance in partial safety factor						
(inc. inst. partial factor y ₂)	<u>y 1</u>)	[-]	1,8	1,8	2,52	2,52
Shear load with lever arm						
Characteristic bending moment	<u>M⁰ 3)</u>	[Nm]	3,6	7	,7	18
Partial safety factor	<u>У Ms¹</u>	[-]		1.25		

In the case that no other regulations are applicable.

Applies to multiple fixing points for non-load bearing systems. For definition see ETAG 001 part 6 appendix 1

Characteristic bending moment marks for equation (5.5) in ETAG 001, appendix C



The design in accordance to table 6 are valid for a fixture. A fixture is considered to be: Single anchor point Pair of anchors $S1 \ge 60mm$ Group of 4 anchors $S1 \ge 100mm$

Anchor type zinc plated and passivated carbon steel K6 K6+ K6L K8

Perm. loads in consideration of the total partial safety factors $y_{_M}\,y_{_F}$ Perm. load \$kN\$ 0,80 1,00 1,45 1,45

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SUREHIT FIXING FOR SPRAYED CONCRETE REINFORCEMENT

SureHit fixing type DB for sprayed concrete reinforcement

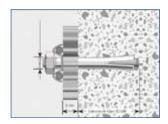
Application:

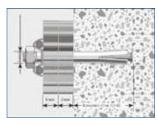
Spacer fixing to hold reinforcement off the surface of the concrete. Spacer may be removed for the direct attachment of reinforcement mesh to the surface of the concrete.

Available in the following materials: Zinc plated & passivated steel, stainless steel A4 1.4404











* Perm. loads: In accordance to ETA -04/0026* K6L 1.45 kN Fixing set consists of Surehit K6L fixing, attachment plate and either one or two plastic spacers.

K6L DB 8	K6L DB 16
KSH7505	KSH7506
42mm	42mm
SDS 3	SDS 3
KSH11012	KSH11012
BL	BL
KSH10170	KSH1017
	KSH7505 42mm SDS 3 KSH11012 BL







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SUREHIT FIXING FOR SPRAYED CONCRETE REINFORCEMENT

K6

drill hole depth 32mm

Ceiling Fixing KDM

Application:

Stand off fixing to hold reinforcement mesh for sprayed concrete with 20 mm thick spacer.

Available in the following materials: Zinc plated & passivated steel, stainless steel A4 1.4404

Permissible loads: In accordance to ETA -04/0026*

KDM 0.80 kN KDM/L 1.45 kN













Stop drill SDS 1

Stop drill SDS 2

SWM-SM 16





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Р





CE

KSH11013

SUREHIT FIXING FOR SPRAYED CONCRETE REINFORCEMENT

Surehit Sprayed Concrete Anchor with clamping plate Ø 6mm

Application:

The attachment of mesh reinforcement directly to the surface of concrete or firm substrates

Available in the following materials: Zinc plated & passivated steel, stainless steel A4 1.4404

Supplied as:

Surehit Anchor, u washer and clamping plate 20 x 1.5 mm

Permissible loads:

In accordance to ETA -04/0026* KDM 0.80 kN - KDM/L 1.45 kN

Surehit Sprayed Concrete Anchor with clamping plate Ø 8mm

Application:

The attachment of mesh reinforcement directly to the surface of concrete or firm substrates

Available in the following materials: Zinc plated & passivated steel, stainless steel A4 1.4404

Supplied as:

Surehit Anchor, u washer and clamping plate 20 x 1.5 mm

Permissible loads:

In accordance to ETA -04/0026* K8 1.45 kN - Suitable for non-load bearing applications requiring multiple fixing points. Partial safety anchor in accordance to ETAG (Y_M & Y_F)



-1			
DESCRIPTION	KDM / L + CLAMPING PLATE	KDM / 6X30 N + CLAMPING PLATE	KDM / 6X50 N + CLAMPING PLATE
Item number	KSH3012	KSH3013	KSH3014
Box qty	100	100	100
Stop drill	SDS 2	SDS 3	SDS 4

KSH11012

Item number KSH11007 Further sizes available upon request



DESCRIPTION	8 X 70 + CLAMPING PLATE	8 X 90 + CLAMPING PLATE			
Item number	KSH 3010	KSH 3011			
Box qty	400	300			
Further sizes available upon request					



STOP DRILL TABLE

DESCRIPTION	FOR USE WITH ANCHOR	ITEM NUMBER
SDS 2	KDM/L	KSH 11007
SDS 3	KDM/ 6 x 30/N	KSH 11012
SDS 4	KDM/ 6 x 50/N	KSH 11013

Further sizes available upon request

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KSS CONCRETE ACOUSTIC FIXING FOR SUSPENDED CEILINGS

SureHit Acoustic anchor KSS 1 and KSS 3- 35

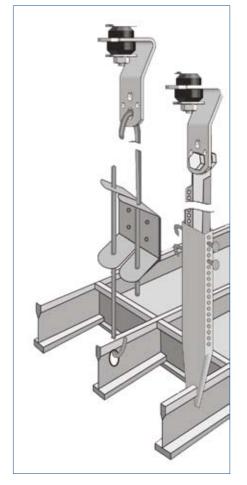
Application:

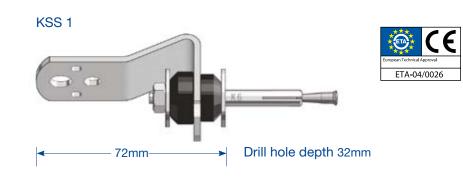
For the reduction of sound transmission in structures primarily for dry lining and suspended ceilings

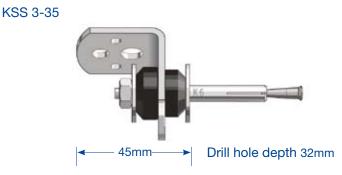
Available in the following materials: Zinc plated and passivated carbon steel

Optimum acoustic load 0.3kN

A complete fixing assembly ensures the dampening qualities are achieved







Acoustic fixings	KSS 1	KSS 3-35
Item number	KSH7500	KSH7504
Box Qty	100	100
Stop drill	SDS 1	SDS 1
Item number	KSH11002	KSH11002
Stop drill setting tool	SWM-SM 16	SWM-SM 16
Item number	KSH10207	KSH10207



Stop drill SDS 1



SWM-SM 16



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CONCRETE- ACOUSTIC HANGER FIXING FOR THREADED ROD [DROP RODS]

Acoustic hanger fixing set KSS 2 -35

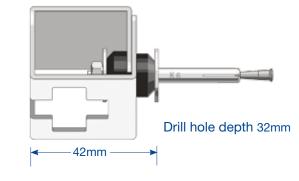
Application

To reduce sound transmission for suspended ceilings using M6 & M8 drop rods.

Available in the following materials: Zinc plated and passivated steel

Permissible Loads: Optimum acoustic load 0.3 kN

The complete assembly of fixing, sound reducing rubber and hanger ensures that the sound transmissions are reduced through the floor slab



SureHit fixing with acoustic hanger	KSS 2 - 35
Item number	KSH7507
Box Qty	100
Stop drill	SDS 2
Item number	KSH11007





Setting tool for rotary hammer drill

Perm. loads for multiple fixing points in cracked and non-cracked concrete.

Stop drill SDS 2

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Installation is quick and simple







Drill hole depth \geq 32 mm

CE

ETA-04/0026

COLUMN TAXABLE PARTY

KSS CONCRETE ACOUSTIC FIXING FOR SOUND REDUCTION BETWEEN METAL COMPONENTS

SureHit acoustic anchor KSS 3

Application:

For the reduction of sound transmission in structures, and the attachment of dry lining and suspended ceilings.

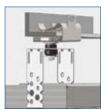
Available in the following materials: Zinc plated and carbon steel.

Optimum acoustic load 0.3 kN

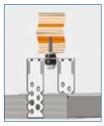
KSS a complete fixing assembly ensures the dampening qualities are achieved.



Example of a ceiling fixed to concrete with the SureHit acoustic fixing



Example of the fixing attached to steel supporting a ceiling



Example of the fixing attached to timber

* Perm. load in accoordance to ETA / -04/ 0026. Kmu 6 - Kmu 6L 0.80 kN Kmu 8 - Kmu LF8 1.45 kN Suitable for non-load bearing applications. Total partial safety anchor in accordance to ETAG ($Y_M \& Y_F$)

SureHit Kss acoustic fixing	60 mm	125 mm
Item Number	KSH7570	KSH7517
Box Qty	100	100
Stop drill	SDS 1	SDS 1
Item number	KSH11002	KSH11002
Stop drill setting tool	SWM-SM 16	SWM-SM 16
Item number	KSH10207	KSH10207







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KHD ANCHOR FOR PRE-STRESSED HOLLOW CONCRETE PLANKS

Application:

A heavy duty anchor for the attachment of objects to hollow concrete floor planks.

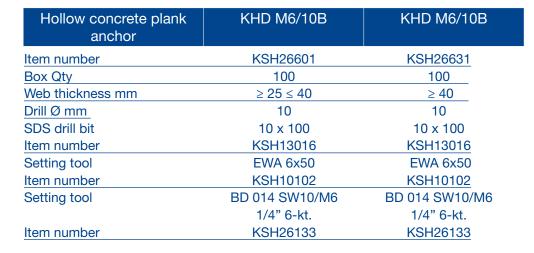
Available in the following materials: Zinc plated and Passivated carbon steel. Stainless steel A4 1.4404

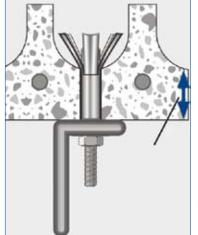
Optimum acoustic load 0.3 kN

Perm. loads: Web thickness mm ≥ 25 0.70 kN ≥ 30 0.90 kN ≥ 40 2.0 kN



KHD flush fixing type B





		-
F\Λ/Δ	6 x 50	

BD 014 SW 10/M6

Description	Suitable for anchor	ltem number
SDS 4 Hammer Drill Bit	KHD M6 & KHD M6	KSH13016



Masonry drill bit 4 plus with SDS plus shaft



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T FIXING FOR HOLLOW PRE-STRESSED HOLLOW CONCRETE FLOOR PLANKS

Application:

A light duty anchor for the attachment of objects to hollow concrete floor planks, including dry lining and suspended ceilings

Available in the following materials:

Zinc plated and Passivated carbon steel.

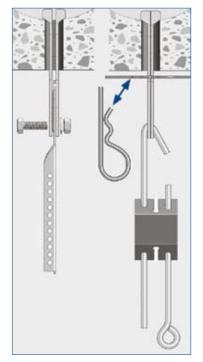
Perm. loads:

Web thickness mm

≥ 25	0.50 kN
≥ 30	0.80 kN
≥ 40	0.80 kN

T fixing

Suspend with: 1. Nut and bolt 2. Wire clip







6,2 mm 4,1 mm 55 9999

40mm



14mm



SureHit TWIN	TWIN T 40	TWIN T 40 K	TWIN T 55
Item number	KSH26060	KSH26061	KSH26065
Box qty	100	100	100
Web thickness mm	≥ 25 - ≤ 40	≥ 25 - ≤ 40	> 40 - ≤ 55
Drill Ø mm	13	13	13
Wire clip			
Item number	KSH26063	KSH26063	KSH26063
Box qty	100	100	100
Nut and bolt M 6x20			
Item number	KSH26064	KSH26064	KSH26064
Box qty	100	100	100
SDS drill bit	13 x 100	13 x 100	13 x 100
Item number	KSH13056	KSH13056	KSH13056
Description	0 11 11	. .	Design and the second second

Description	Suitable for anchor	Item number		
SDS 4 Hammer Drill Bit	K55 M6 & K65 M6	KSH13056		

Masonry drill bit 4 plus with SDS plus shaft

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PBD ANCHOR FOR AIRCRETE TO ATTACH HEAVY DUTY MATERIALS AND EQUIPMENT







EWP – Hand held setting tool

EWP – SDS rotary hammer setting tool

Applications:

- Ø Mechanical and electrical services
- Ø Air-conditioning
- $\ensuremath{\oslash}$ Boilers, heaters, radiators
- Plumbing and pipework
- Ø Framing systems
- Ø Shelving

Benefits:

- Eliminates the need for special tools or equipment
- 4 easy steps to install the SureHit anchor using either the hand held setting tool or power tool attachment
- $\ensuremath{\mathcal{O}}$ Visual check for correct installation
- Ø No pre-drilling required
- Ø Stress-free fixing
- $\ensuremath{\mathcal{O}}$ No waiting time for resin to set
- $\ensuremath{\mathcal{O}}$ No hole cleaning required
- o Close edge and axial spacing
- o Available in BZP and stainless steel materials
- Ø Technical Approval
- Through fixing and internal thread anchors available
- Suitable for a wide range of applications: light-weight timber/aluminium facades, handrails, brackets, metal-work, sanitary ware, heating and ventilation equipment, radiators, framework and cladding materials.
- Ø Approval for fire sprinkler systems



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Permissible loads (Perm.F) for anchors subjected to tension, shear and oblique loads, installed in cracked and non-cracked aircrete

Anchor			SH-P M6/M8 SH-I M6/M8	SH-P M10/M12 SH-P M10/M12
Single anchor Perm. F	=kN			
Non-cracked aircrete		G2	0.4	0.6
		≥G4	0.8	1.2
	Wall panels	GB 3.3	0.6	0.8
		GB 4.4	0.8	1.2
Cracked aircrete	Roof and floor	GB 3.3	0.6	0.8
	Panels (DIN 4223)	GB 4.4	0.8	1.2
Approved anchor space	ing and structural comp	onent dimensions		
Anchor type			SH- P/SH-I	
Edge spacing / spacing	g to perp joint		a _r ≥cm	15
Edge spacing to bed jo	pint	a _r ∣≥cm	5	
Min. axial spacing			a _z ≥cm	60
Min. structural compor	nent thickness		d≥cm17.5	

The load values in this table are for permissible loads (safety factor included) and apply to both the zinc plated and stainless steel anchors

Projection

Bolt Fixing	Item number	Fixing thickness	Box qty.	Hand held setting tool	ltem number hand held setting tool	Item number HD setting tool
PBDM 6x10	KHS26201	10	25	EWP 6 x 10	KHS10051	KSH10057
PBD M 6 x 20	KHS26202	20	25	EWP 6 x 20	KHS10052	KSH10058
PBD M 6 x 30	KHS26203	30	25	EWP 6 x 30	KHS10053	KSH10059
PBD M 8 x 10	KHS26211	10	25	EWP 8 x 10	KHS10061	KSH10067
PBD M 8 x 20	KHS26212	20	25	EWP 8 x 20	KHS10062	KSH10068
PBD M 8 x 30	KHS26213	30	25	EWP 8 x 30	KHS10063	KSH10069
PBD M 10 x 10	KHS26221	10	25	EWP 10 x 10	KHS10071	KSH10077
PBD M 10 x 20	KHS26222	20	25	EWP 10 x 20	KHS10072	KSH10078
PBD M 10 x 30	KHS26223	30	25	EWP 10 x 30	KHS10073	KSH10079

Internal

Internal bolt fixing	PBD I M6	PBD I M8	PBD I M10	PBD I M12
Item number	KHS26204	KHS26214	KHS26224	KHS26234
Internal thread depth mm	6 -13	8 - 13	8 - 13	8 - 13
Box qty.	25	25	25	25
Hand held setting tool	EWP 6 i	EWP 8 i	EWP 10 i	EWP 10 i
Item nr. EWA - handheld setting tool	KHS10054	KHS10064	KHS10074	KHS10074
Item nr. EWA - SDS rotary hammer setting tool	KHS10050	KHS10060	KHS10070	KHS10070

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KSH CLIC ARIEL CABLE FIXING SET

SureHit black clic cable clips.

Application:	
For the support of radio	cables.

Available in high quality nylon.

Characteristics:

- UV resistant resistant to a range of chemicals
- Resistant to road salts.
 Temperature resistant
 -40 °c + 100 °c
- Installation at low temperature -24 °c

100	TE-1	Item number	Description	Cable size mm	Imperial	Box Qty
-	12 1	KSH28620	Clic TOP 8 DG	7.8 - 9.5		100
		KSH28621	Reducer	4		
		KSH28622	Clic TOP 15 B	14.3 - 16.8	1/2	100
	-	KSH28623	Clic TOP 17 B	16.8 - 19.5		100
		KSH28624	Clic TOP 20 B	19.5 - 21.8	⁵ / ₈	100
6		KSH28625	Clic TOP 22 B	21.8 - 24.8		100
		KSH28626	Clic TOP 25 B	24.6 - 27.8		50
~		KSH28627	Clic TOP 28 B	27.8 - 31.2	7/ ₈	50
		KSH28628	Clic TOP 36 B	35.5 - 39.5	1 ¹ /4	50
		KSH28629	Clic TOP 47 B	46.5 - 50.5	1 ⁵ / ₈	50
	0	KSH20060	Washer	M6 carbon steel		100
-		KSH20070	Washer I	M6 stainless steel		100

Ø Dark grey - DG

Ø Black - B

Clic spacer cone installed in

tunnels.	Item number	Description	Cone height	Box Qty	Case Qty
The second s	KSH28672	BHR-50	50	100	1000
	KSH28674	BHR-80	80	100	550
	Clic top Clic clan			Cones	

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