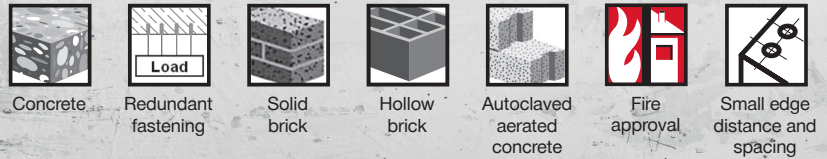
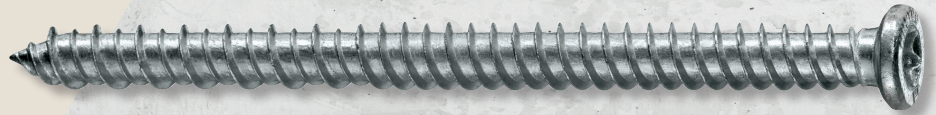




HUS 6 FRAME ANCHOR

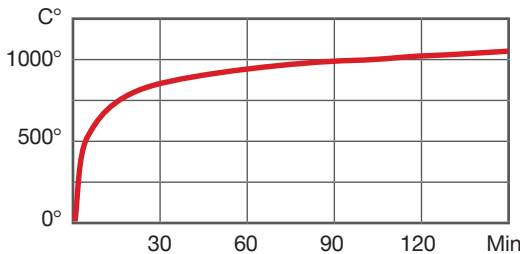
Everyday standard screw anchor with flat head (carbon steel)



HUS 6 SCREW ANCHOR

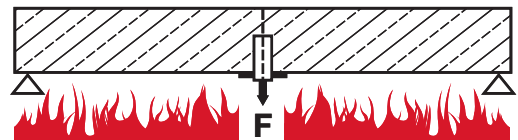
Anchor version	Benefits
 HUS 6 Carbon steel	<ul style="list-style-type: none"> • Quick and easy setting • Low expansion forces in base materials • Through fastening • Removable
 HUS-S 6 Concrete Screw	

RESISTANCE TO FIRE* Tested fasteners for passive structural fire prevention



Tested according to the international standard temperature curve (ISO 834, DIN 4102 T.2) and/or to EOTA Technical report TR 020 (Evaluation of Anchorages in Concrete concerning Resistance to Fire).

*Concrete strength at least 20Mpa



Tested when set in cracked concrete and exposed to flames without insulating or protective measures.

Material	Sizes	h _{nom} (mm)	Max. Load (Kn) for specified fire resistance time (Fire Resistance TIME IN MINUTES)			
			F30	F60	F90	F120
Concrete f _c =20 Mpa	6mm	44	1.2	0.5	0.5	0.4
Concrete	6mm	34	1.0	0.5	na	na
Aerated concrete (P _{b,4})	6mm	64	0.5	0.5	0.4	0.3

Approvals / certificates

Description	Authority / Laboratory	No. / date of issue
Fire test report	IBMB, Braunschweig DIBt, Berlin	UB 3574/5146 / 2006-05-20

MATERIALS

Mechanical properties

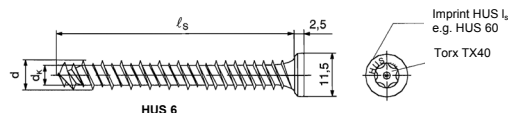
Anchor size	HUS 6 / HUS-S 6	
Nominal tensile strength f _{uk}	[N/mm ²]	1000
Yield strength f _{yk}	[N/mm ²]	900
Stressed cross-section A _s	[mm ²]	5.2
Moment of resistance W	[mm ³]	13.8
Design bending resistance M _{Ed,s}	[Nm]	11

Material quality

Part	Material
Screw anchor	Carbon Steel, galvanised to min. 5 µm

ANCHOR DIMENSIONS

Anchor size	l _s (mm)	d _x (mm)	d (mm)
HUS 6	35..220	5.3	7.5
HUS-S 6	00..220		7.5



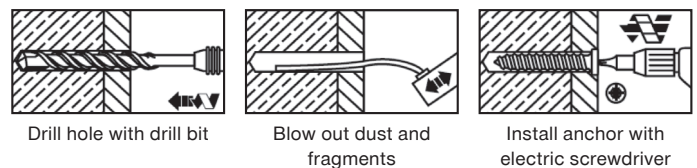
SETTING

Recommended installation equipment

Anchor size	HUS 6	HUS-S 6
Rotary hammer	TE 6 / TE 7	
Drill bit	TE-CX 6	
Recommended Setting Tool	SID/SIW 121, SID/SIW 144, TKI 2500	
Accessories	S-B TXI 40 bit	S-B TXI 30 bit

Setting instruction

HUS



HUS-S

