

3 APPLICATION OVERVIEW

A. CURTAIN WALL

b. On site

i. Fixing brackets for unitized systems



2 Mechanical anchors

Complex curtain wall designs often present planners with a major challenge – especially when time is at a premium. Planning and execution of the work thus sometimes run almost parallel. Changes to plans at short notice can make it impossible to use anchor channels on all areas of the structure. For these situations, Hilti offers a range of stud anchors that provides versatile, well-proven solutions for fastening facades – which also includes the Hilti HUS3 undercut anchor.

Characteristics

HUS3



Product description	Ultimate performance screw anchor
Material	Carbon steel Carbon steel with multilayer coating
Base material	Cracked (concrete) Non-cracked (concrete)
Load conditions	Tensile zone Seismic ETA- C1 Fire resistance
Installation conditions	Hammer drilled holes
Other information	ETA CE conformity PROFIS Anchor design DIBt approval Reusability / Adjustability

SCAN HERE
to watch video



HUS3 SCREW ANCHOR - SETTING INSTRUCTIONS

Installation equipment

Anchor size	8	10	14	
Type	HUS3	H, C	H, C, HF	H, HF
Rotary hammer	TE 2 – TE 30	TE 2 – TE 30	TE 2 – TE 30	
Drill bit for concrete, solid clay brick and solid sand-lime brick	CX 8	CX 10	CX 14	
Drill bit for aerated concrete	CX 6	CX 8	-	
Socket wrench insert	S-NSD 13 1/2	S-NSD 15 1/2	S-NSD 21 1/2	
Torx	S-SY TX45	S-SY TX50	-	
Tube for temporary application (only for H type)	HRG 8	HRG 10	HRG 14	
Setting tool for concrete C12/15 to C50/60	SIW 22T-A			
Setting tool for solid brick and aerated concrete	SFH 22A			
Setting tool for hollow core slab	SIW 22 A			

