

The complete Hilti undercut anchor portfolio

Undercut performance for a wide variety of applications.

Undercut for thin slabs with close edge and spacing



HSC

M6, M8, M10, M12

Carbon steel
Stainless steel
Sherardized (special order)

Pre-set
Internal thread M6 - M12
External thread M8 - M12

Competitively priced, high performance undercut anchor



HMU

M12, M16

Comes standard in hot-dipped galvanized

Pre-set
External thread

Undercut for highest performance and safety needs









HDA

M10, M12, M16, M20

Carbon steel
Stainless steel
Sherardized

Pre-set/through-set
External thread

HMU installation equipment

Anchor size	HMU-PF M12x80 self undercut	HMU-PF M16x100 self undercut	HMU-PF M16x125 self undercut
Rotary hammer for undercutting 	TE 30-A36 TE 40	TE 40 TE 50	
Stop drill bit 	TE-C-B-HMU-B M12x80	TE-C-B-HMU-B M16x100 TE-Y-B-HMU-B M16x100	TE-C-B-HMU-B M16x125 TE-Y-B-HMU-B M16x125
Setting tool 	TE-C-HMU-ST-M12	TE-C-HMU-ST-M16 TE-Y-HMU-ST-M16	
Insert connections	 TE-C (SDS Plus)	 TE-C (SDS Plus)  TE-Y (SDS Max)	
Other tools	Blow-out bulb		

PROFIS Software

HMU is now available for design under PROFIS Anchor Software. PROFIS Anchor makes anchor selection and design faster, safer and more reliable.

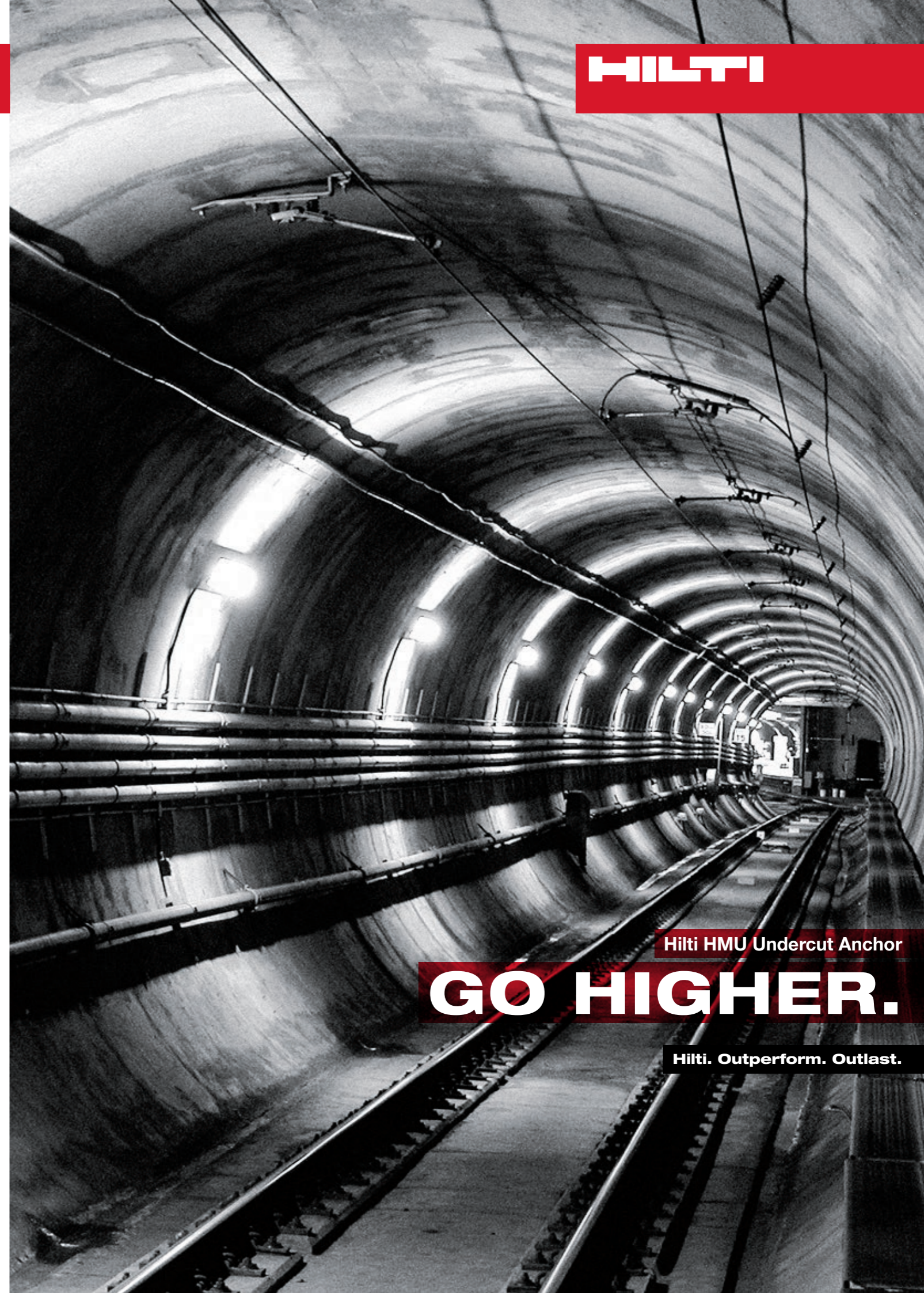
Training

HMU anchor? Check. Stop drill bit? Check. Setting tool? Check. Should you need guidance on how to safely and properly set an HMU anchor, Hilti offers an extensive training program. For further information, please contact your Hilti representative.

Hilti. Outperform. Outlast.

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Hilti HMU Undercut Anchor

GO HIGHER.

Hilti. Outperform. Outlast.

Hilti HMU Undercut Anchor

HIGHER LOADS. HIGHER RELIABILITY.

Performance you can trust is yours with HMU - Hilti's self-undercutting solution for a broad range of applications. HMU anchors are simple to install and come standard with a hot-dipped galvanized coating for added robustness and corrosive protection. HMU delivers high tension loads and unmatched security due to its undercut functioning principle. HMU are available in M12 and M16 diameters and are the new addition to Hilti's comprehensive undercut portfolio.

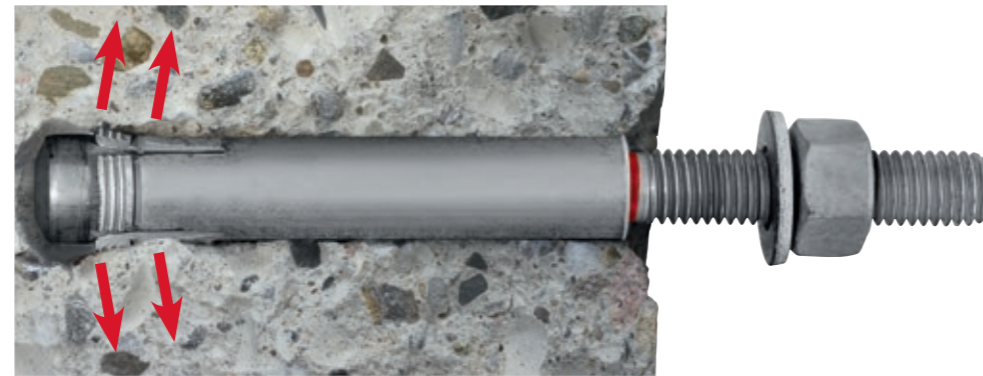


Applications

- Tunnel utilities
- Mechanical piping
- Electrical cable trays
- Machinery and equipment
- Retrofitting and strengthening
- Secondary steel, such as ladders and walkways

Advantages

- Reliable mechanical interlock due to consistent high quality undercut
- Cost-efficient, heavy-duty anchoring solution for high volume fastenings
- Standard hot-dipped galvanized protective coating against corrosion
- Easy verification of correct setting, thanks to its red setting mark



Everyday extraordinary. Undercut safety for everyday applications

The Hilti HMU combines high reliability and high load capacity thanks to its functioning principle similar to a cast-in headed anchor. Like all undercut anchors, the HMU achieves its holding power through keying. What's more, its easy to read visual indicator ensures safe and proper installation. The HMU is an ideal anchor for applications that require an added measure of safety.

Qualifications



ETA approved



Cracked concrete



C1 Seismic



Shock test

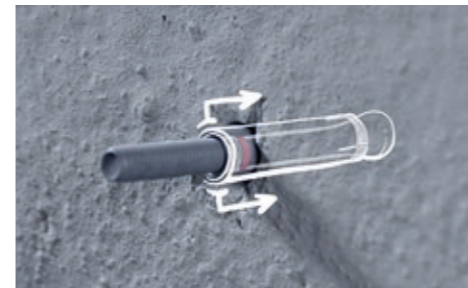


Fatigue test



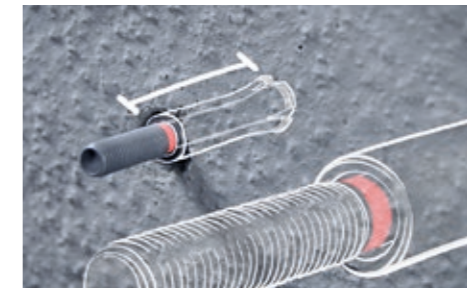
Fire

Ready.



After drilling with the stop drill bit, Hilti self-undercuts use their sleeve to cut into the concrete borehole.

Set.



The red setting indicator mark is exposed when the sleeve has moved down the rod.

Safe.



Undercut anchors are a favorite for engineers because of their safe and reliable mechanical interlock.

Simple to install.

Rotary hammer, stop drill bit, setting tool and anchor - a perfectly matched system for error-free undercutting.



To see a video of the HMU self-undercut installation scan here.

