

HILTI ANCHOR PORTFOLIO



HILTI Fasteners
Online Store



	HY 200-A V3	HY 170	HY270	RE 500 V4	CT100	FP 700 R	MM PLUS	HVU2	HUS4 MAX	HST4	HST 2 V3	HUS4	HDA	HSL4	HUS3
Description	High performing engineered fast cure solution	Fast curing with everyday approvals	High performing for masonry and balustrade	Slow cure for tough conditions & applications	Formulated for environmental safety & health	Cementitious design for rebar in fire conditions	Economical fast cure with basic approvals	Fast installation capsule with wide approvals	Fast installation capsule with adjustability	High performing engineered wedge anchor	Wedge anchor for everyday applications	Fast installation screw with broad approvals	Undercut anchor for cast-in performance	Wedge anchor with approvals for safety needs	Small screws with wide range of head types
Base Material															
Anchor Size	M8 – M30	M8 – M24	M6 – M16	M8 – M39	M8 – M24	~	M8 – M16	M8 – M30	M10 – M16	M8 – M20	M8 – M16 ⁽¹⁾	6 mm – 16 mm	M10 – M20	M8 – M24	6 mm
Rebar Size	8 mm - 32 mm ⁽³⁾	8 mm – 25 mm	8 mm - 12 mm ⁽⁵⁾	8 mm – 40 mm	8 mm – 25 mm	8 mm – 40 mm	8 mm - 16 mm ⁽⁵⁾								
Relevant Applications															
Concrete Type			~												
Masonry Type	~			~	~	~				~	~		~	~	
Conditions															
Fire Data					~		~								
Load Types															
Approvals	100 YEARS			100 YEARS	100 YEARS	100 YEARS									
SPEC²,SITE															
Hammer Drill															
Hollow Drill			~				~				~		~		~
Diamond Drill⁽⁶⁾		~	~		~		~		~		~		~		~
Working Time⁽²⁾	7 min ⁽³⁾	5 min	7 min	1 hr	8 min	35 min	5 min	~	Adjustable						
Curing Time⁽²⁾	45 min ⁽³⁾	1.5 hr	1.5 hr	12 hr	4 hr	18 days ⁽⁴⁾	1.5 hr	10 min	Immediate						
Rod / Anchor Material Type	5.8, 8.8, HDG A4, HCR, Rebar	5.8, 8.8, HDG A4, HCR, Rebar	5.8, 8.8, HDG A4, HCR, Rebar	5.8, 8.8, HDG A4, HCR, Rebar	5.8, 8.8, HDG A4, HCR, Rebar	Rebar: EN 1992-1-1	5.8, 8.8, HDG A4, HCR	5.8, 8.8, HDG A4, HCR	Carbon Steel F – Multilayer R – Stainless	Carbon Steel R - Stainless	Carbon Steel F - Hot Dip Galv R - Stainless	Carbon Steel F – Multilayer R – Stainless	Carbon Steel F - Sherardized R – Stainless	Carbon Steel	Carbon Steel F- Multilayer
Element / Head Type	HAS(-U) HAS-D, HIT-Z HIS-N, Rebar	HAS(-U) HIS-N, HIT-SC Rebar	HAS(-U) HIT-IC, HIT-SC Rebar	HAS(-U) HIS-N Rebar	HAS(-U) Rebar	Rebar	HAS(-U) HIS-N	HAS(-U) HIS-N							

Information provided is a summary of relevant approvals, technical data, and instructions for use per product. See approval documents, technical data sheets, and instructions for use on Hilti.ie or contact Hilti for detailed information per application. (1) HSA is available in 6 mm and 20 mm. (2) Maximum Working and Minimum Curing time are provided at temperature of base material > 10 °C to 20 °C except RE 500 V4 taken at > 14 °C to 19 °C and FP 700 R taken at > 15 °C to ≤ 20 °C. Excluding HY200A V3, in wet base material curing times must be doubled. (3) HY 200-R V3 is available with extended working time & rebar sizes. (4) FP 700 R has Assembly & Pre-Loading times to improve installation, please see product data sheet. (5) For anchoring only, check Hilti.ie. (6) Roughening tool may be required.

Concrete	Strengthening	Hollow Brick	Static / Quasi-Static	Tracefast	Hammer Drilling
Masonry	MEP Supports	Aerated Concrete	Seismic C1 / C2	Redundant Fastening	Hollow Drill Bit
Natural Stone	Concrete (Uncracked)	Dry Borehole	Fatigue ETA	Reusability	Diamond Drilling
Wood	Concrete (Cracked)	Water Saturated	Shock BZS-CH	HDB & Vac	
Concrete Anchoring	Concrete (SFRC)	Water Filled	100 YEARS ETA 100 Yr Life	Electric Dispenser	
Post-Installed Rebar	Concrete (Hollow Core)	Submerged	ETA(s) Available	Adaptive Torquing	
Masonry Anchoring	Solid Brick	Fire Resistance	Nuclear Approvals	Setting Tools	



Borehole Cleaning SPEC²,SITE

Eliminate manual cleaning: **Auto-Cleaning Systems & No Cleaning Anchors**

HST4
HUS4
HIT-Z Rod

Hollow Drill Bit & Hilti Vac

Dosing & Setting SPEC²,SITE

Accurate dosing with **HDE & Volume App / Capsules + mechanical setting tools**

HDE 500-22 & Volume Calculator App

HUS4-MAX HVU2 HS-SC

Correct Installation SPEC²,SITE

Achieve correct install: **Adaptive Torque Module & Piston Plugs** for deep injection.

SIW 4AT-22 SIW 6AT-22

Adaptive Torque Module is an add on to the SIW

HIT-SZ Piston Plug
HIT-VL Extension Hose