

## Chemical Anchor Systems for Baseplate Connections

Anchor System	Product Description	Recommended Applications and system features	Approved / Tested Applications	Class	Availability	Approved Ranges in Concrete
HY 200-R V3 + HIT-Z	Hybrid mortar Highest bond strength Fast Cure ETA-19/0632	No Hole cleaning required Large concrete edge distance and spacing High seismic loads C2 seismic with stainless steel anchor rod 100 year Lifetime design	SAFET DE A4	Ultimate	Stocked For order	8 10 12 16 20 24 27 30 Ø  / / / / / / / /
HIT-HY 200-R V3 + HAS-U	Hybrid mortar Ultimate bond strength Fast Cure ETA-19/0601	Small edge distance and spacing High seismic loads 100 year Lifetime design	SAFE A4	Ultimate	Stocked For order	8 10 12 16 20 24 27 30 Ø  V V V V V V V V V Cracked  V V V V V V V V Seismic C1  V V V V V Seismic C2
HIT-RE 500 V4 + HAS-U	Epoxy mortar Ultimate bond strength Slow Cure ETA-16/0143	Saturated and flooded holes Anchoring into natural stone and timber High seismic loads 100 year Lifetime design	SAFE A4	Ultimate	Stocked For order	8 10 12 16 20 24 27 30 Ø  y y y y y y y y Uncracked  y y y y y y y y Seismic C1  y y y y y y y Seismic C2
HIT-RE 500 V4 + HIS-N/RN	Epoxy mortar Ultimate bond strength Internally threaded rod ETA-16/0143	Temporary applications Remove and/or adjust fixture Low seismic loads 50 year Lifetime design	SAFE A4	Ultimate	Stocked For order	8 10 12 16 20 24 27 30 Ø  y y y y y y y  Cracked y y y y y y y  Seismic C1  Seismic C2
HUS4-H(F)/C/A(F) + HUS4 MAX	Foil capsule with carbon steel concrete screw Ultimate bond strength Instant cure ETA-18/1160	Overhead applications Immediate loading Remove and re-installed in the same hole No hole cleaning 50 year Lifetime design	SAFE ISET	Ultimate	Stocked For order	8 10 12 14 16 24 27 30 Ø
HUS4-HR/CR + HUS4 MAX	Foil capsule with stainless steel concrete screw Ultimate bond strength Instant cure ETA-18/1160	Overhead applications Immediate loading Remove and re-installed in the same hole No hole cleaning 50 year Lifetime design	SAFE A4	Ultimate	Stocked For order	8 10 12 14 16 24 27 30 Ø
HVU2 + HAS-U	Foil capsule Ultimate bond strength Instant cure ETA-16/0515	Overhead applications One-off applications Immediate loading High seismic loads 50 year Lifetime design	SAFE A4	Ultimate	Stocked For order	8 10 12 16 20 24 27 30 Ø
HIT-HY 170 + HAS-U	Hybrid mortar High bond strength Fast Cure ETA-19/0465	Low seismic loads Anchoring into Masonry 50 year Lifetime design	SAFE SAFE	Premium	Stocked For order	8 10 12 16 20 24 27 30 Ø  V V V V V Cracked  Cracked  Cracked  Seismic C1
HIT-RE 100 + HAS-U	Epoxy mortar High bond strength Slow Cure ETA-15/0882	Non-Seismic connections Saturated and flooded holes 50 year Lifetime design	SAFE ISET	Premium	< Stocked For order	8 10 12 16 20 24 27 30 Ø  V V V V V V V Cracked  Seismic C1

























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## Mechanical Anchor Systems for Baseplate Connections

Anchor System	Product Description	Recommended Applications	Approved / Tested Applications	Class	Availability	Material / Coating	Head Configuration	Approved Ranges in Concrete
HDA-P, T, PR, TR	Self undercut anchor Ultimate performance ETA-99/0009	Dynamic loads Shock Loads High seismic loads Safety relevant applications		Ultimate	Stocked	Zinc	Hex Counter Internal  External Pan Head	6 8 10 12 16 20 24 Ø
HSC-I, A, IR, AR	Self undercut anchor Ultimate performance ETA-13/1038	Shallow base material Safety relevant applications		Ultimate	Stocked For order	Sinc Galv Galv	Hex Counter Counter Internal External	6 8 10 12 16 20 24 Ø    V   Z  V V V   Uncracked     V   Z  V   V   Seismic C1    V   S  V   S  V   S     Cacked     Cacked     Seismic C2
HSL-4, B,SK,BW, G [5]	Expansion anchor Ultimate performance ETA-19/0556 ETA-19/0858	Dynamic and shock loads High shear loads High seismic loads Safety relevant applications		Ultimate	Stocked For order	Zinc Galv Galv A4	Hex   Counter   Internal   External   Pan Head	6 8 10 12 16 20 24 Ø  V V V V V V Uncracked [5]  V V V V V V Seismic C1 [5]  V V V V V Seismic C2 [5]
HST3, R	Expansion anchor Ultimate performance ETA-98/0001	Seismic restraints Anchoring into ComFlor® Diamond cored holes Safety relevant applications	SAFET D	Ultimate	Stocked For order	Sinc Galv	Hex Counter Internal  KExternal Pan Head	6 8 10 12 16 20 24 Ø
HUS4-H(F), C, A(F)	Screw anchor Ultimate performance ETA-20/0867	Seismic restraints Anchoring into ComFlor® Anchoring into Masonry Temporary applications Reduced edge dist. and spacing		Ultimate	Stocked For order	Zinc Galv A4	Hex Counter Internal External	6 8 10 12 14 16 24 Ø
HUS3-H,C, P, PS, I, I-Flex, A	Screw anchor High performance ETAG-13/1038	Threaded rod hangers Seismic partitions Overhead installation Anchoring into ComFlor®		Ultimate	Stocked For order	Sinc Galv A4	Hex   Counter   Counter	6 8 10 12 16 20 24 Ø  V Uncracked  V Cracked  V Seismic C1  Seismic C2
HUS4-HR, CR	Screw anchor High performance ETA-20/0867	Railings and facade Architectural designs Anchoring into masonry Reduced edge dist. and spacing		Ultimate	Stocked For order	Zinc Galv	Hex Counter Internal External External	6 8 10 12 14 20 24 Ø  V V V U V I Uncracked  V V V V V I V I Seismic C1  Seismic C2
HBI	Expansion anchor High performance	Tilt panel propping Tested to AS 3850.1:2015	and HDA T (zine costing) only availa	Standard	Stocked For order	Zinc A Galv	Hex Count Interna Extern Pan	6 8 10 12 14 20 24 Ø Uncracked Cracked



















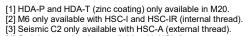












<sup>[4]</sup> Stainless steel variant available with HSL-3.

- [5] See ETA-19/0556, Table B1 for HSL-4 approvals across variants and diameters ranges. [6] Material and head configurations availability and testing vary across the range. See
- ETA-20/0867 or technical data sheet at hilti.co.nz for full details. [7] HUS4-HR (Hex head) only available in M14.