



ANCHOR SYSTEMS



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Application	Base material							Approval			Anchor type diameter	
	Cracked Concrete	Uncracked concrete	Lightweight concrete	Aerated concrete	Solid brick masonry	Hollow brick masonry	Pre-stressed concrete hollow deck	Approval	Approval for dynamic loads	Fire tested		
Premium Chemical Anchors												
Heavy duty fastening with small spacings and edge distances	●	●						●		●	HVU adhesive anchor	
Adhesive anchor for uncracked concrete		●						●	●	●	HIT-RE 500V3	
Adhesive anchor for cracked / uncracked concrete	●	●	●					●		●	HIT-HY 200	
Approved Chemical Anchors												
Adhesive anchor for hollow/solid brick masonry	●	●			●	●		●			HIT-HY 170 HIT-SC sleeve	
Adhesive anchor for hollow/solid brick masonry	●	●						●			HIT-RE100	
Light duty chemical anchors												
Universal adhesive anchor		●	●	●	●	●					HIT-MM Plus	
Special anchors												
Track fixing	●	●						●			HRA/HRC/HRT rail anchor	

I = very suitable O = may be suitable per application

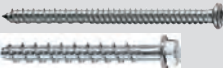









Advantages	Drill bit resp. anchor size	Specification						Setting		
		Steel, galvanised	Steel, sheradised, hot dipped galvanised	Stainless Steel A2 (1.4303)	Stainless Steel A4 (1.4401)	HCR Steel (1.4529)	External thread	Internal thread	Pre-setting	Through-fastening
<ul style="list-style-type: none"> No expansion pressure Small edge distances and spacings A strong and flexible foil capsule 	HAS/HAS-R M8-M39 HIS-N/HIS-RN M8-M20 rebar dia. 8-40 mm	●			●	●	●	●	●	
<ul style="list-style-type: none"> No expansion pressure Flexibility in terms of drill bit diameter and annular gap Flexibility in terms of working time Cures down to -5 C Fastest curing epoxy mortar 	HAS/HAS-R M8-M39 HIS-N/HIS-RN M8-M20 rebar dia. 8-40 mm	●			●	●	●	●	●	
<ul style="list-style-type: none"> No expansion pressure No styrene content No plasticizer content Environmental protection due to the minimized packaging 	HAS/HAS-R M8-M24 HIS-N/HIS-RN M8-M20 rebar dia. 8-25 mm	●			●	●	●	●	●	
<ul style="list-style-type: none"> Indoor & Outdoor applications Wet & Dry hole conditions 	HAS-R M8-M16 HIS - N/HB RN M8-M16 HIT-IC M8-M12	●			●	●	●	●	●	
<ul style="list-style-type: none"> Long working time at elevated temps High loading capacity Dry and water saturated conditions 	HAS/HAS-R M8-N M8-M30 rebar dia. 8-40 mm	●			●	●	●		●	
<ul style="list-style-type: none"> Fast curing No styrene content Environmental protection due to the minimized packaging 	HAS M6-M12 HIT-A HIT-AN M8-M12	●			●		●		●	
<ul style="list-style-type: none"> EBA approval Serviceability tests done by the University of Munich Complete support system 	HRT M22 dia. 26 HRC M22 dia. 22 HRA M22 dia. 22	●			●					●

Application	Base material							Approval			Anchor type
	Cracked Concrete	Uncracked concrete	Lightweight concrete	Aerated concrete	Solid brick masonry	Hollow brick masonry	Pre-stressed concrete hollow deck	Approval	Approval for dynamic loads	Fire tested	
Mechanical anchor systems											
Heavy duty anchors											
Anchor fastenings for high loads, e.g. in steel construction and plant construction, suitable for dynamic loading	●	●						●	●	●	HDA-T/-TR/-TF/-P/-PR/-PF undercut anchor 
Fastening heavy loads e.g. from columns, high racks, machines	●	●						●			HSL-3 heavy duty anchor 
Fastening heavy loads e.g. from columns, high racks, machines		●								●	HSL-G-R heavy duty anchor 
Medium duty anchors											
Fastening through in-place parts e.g. angles, tracks, channels wooden beams, etc.	●	●						●		●	HST3/-R/-HCR stud anchor 
Fastening through in-place parts like wood beams, metal sections, columns, brackets etc.		●						●		●	HSA/-R/-F S stud anchor 
Temporary fastenings in concrete (e.g. formwork), fastening in base-material of low density		●			●	●				●	HLC sleeve anchor 
Fastening with threaded rods for pipe suspensions, air ducts, suspended ceilings	● ¹⁾	●						●		●	HKD push-in anchor 
Fastening channels, brackets, racks, seatings	●	●						●		●	HUS-3 screw anchor 
Light duty anchors											
Various applications		●	●	●	●	●	●				HUD-1 universal anchor 
											HUD-L universal anchor 
Fastenings to weak materials with cavities						●	●				HLD light duty anchor 
Securing support frames, timber frames, façade panels, curtain walling		●	●	●	●	●	●	●		●	HRD-U/-S frame anchor 
Fastening wood battens, components for electrical and plumbing installations		●	○	○	●	○					HPS-1 impact anchor 

● = very suitable ○ = may be suitable per application ¹⁾ redundant fastening

Advantages	Drill bit diameter resp. anchor size	Specification						Setting	
		Steel, galvanised	Steel, sheradised, hot dipped galvanised	Stainless Steel A2 (1.4303)	Stainless Steel A4 (1.4401)	HCR Steel (1.4529)	External thread	Internal thread	Pre-setting
<ul style="list-style-type: none"> Automatic undercutting High load capacity Approved for dynamic loads 	Drill bit dia.: 20-30 mm Anchor size: M10-M20	●	●	●	●	●		●	●
<ul style="list-style-type: none"> Integrated plastic section to telescope and pull down tightly Special elements The bolt can be retorqued 	Drill bit dia.: 12-32 mm Anchor size: M8-M24	●				●		●	●
<ul style="list-style-type: none"> Integrated plastic section to telescope and pull down tightly Special elements The bolt can be retorqued 	Drill bit dia.: 12-28 mm Anchor size: M8-M20			●				●	●
<ul style="list-style-type: none"> Seismic design Approval 66% Increase design, resistance to HST Highest resistance for reduced membrane thickness 	Drill bit dia.: 8-24 mm Anchor size: M8-M24	●		●	●	●			●
<ul style="list-style-type: none"> Two setting depths Setting mark Extremely ductile steel for high bending capacity 	Drill bit dia.: 6-20 mm Anchor size: M6-M20	●	●	●		●			●
<ul style="list-style-type: none"> Short setting/removing operation Good load values in green concrete Bridging of gaps 	Drill bit dia.: 8-16 mm Anchor size: M6-M12	●				●			●
<ul style="list-style-type: none"> An "intelligent" expansion section which adapts to suit the base material Visual verification of full expansion Small setting depth 	Drill bit dia.: 8-25 mm Anchor size: M8-M25	●		●			●	●	
<ul style="list-style-type: none"> Screw driven straight into base material without using an anchor Forged on washer Matched system of screw anchor and screwdriver 	Drill bit dia.: 8-14 mm								●
<ul style="list-style-type: none"> Fast setting Flexibility of screw length An anchor for every base material 	5-14 mm 6-10 mm							●	●
<ul style="list-style-type: none"> Flexibility of screw length Resilient toggling action to suit every base material 	Drill bit dia.: 10 mm							●	
<ul style="list-style-type: none"> Preassembled with screw Screw of steel 5.8 grade or stainless steel A4 (1.4401) 	Drill bit dia.: 10 mm Drill bit dia.: 14 mm	●		●					●
<ul style="list-style-type: none"> Quick setting with hammer 4-wings expansion 	5-8 mm Thread: M6	●	●			●			●



Application	Base material							Approval			Anchor type
	Cracked Concrete	Uncracked concrete	Lightweight concrete	Aerated concrete	Solid brick masonry	Hollow brick masonry	Pre-stressed concrete hollow deck	Approval	Approval for dynamic loads	Fire tested	
Light duty anchors											
Fastening light channels, brackets, interior paneling or cladding	● ¹⁾	●	●	●	●	●		●		●	HUS screw anchor 
Fastening battens, channels panels						●	●				HHD-S cavity anchor 
Fastening in dry walls							●				HSP/HFP drywall plug 
For suspended ceilings and other items from concrete ceilings	● ¹⁾	●			●			●		●	HA8 ring/hook anchor 
Light duty anchors (Insulation fasteners)											
Fastening of hard, self supporting insulating materials		●	●		●						IDP insulation anchor 
Fastening of soft and hard, self supporting insulating materials		●	●		●	●					IZ expandable insulation fastener 
Fastening of soft, non self supporting insulating materials		●	●		●						IN insulation fastener 
Fastening insulating material of hard self supporting insulating material where non flammable material is specified		●	●		●	●				●	IDMS/IDMR metal insulation fastener 
Adhesive anchor systems											
Heavy duty anchors											
Heavy-duty fastenings with small spacings and edge distances	●	●	●					●	●	●	HVZ adhesive anchor 
Adhesive anchor in cracked concrete	●	●						●		●	HIT-TZ injection adhesive anchor 

Advantages	Drill bit diameter resp. anchor size	Specification						Setting	
		Steel, galvanised	Steel, sheradised, hot dipped galvanised	Stainless Steel A2 (1.4303)	Stainless Steel A4 (1.4401)	HCR Steel (1.4529)	External thread	Internal thread	Pre-setting
<ul style="list-style-type: none"> ■ Screw driven straight into base material without using an anchor ■ Small drill bit diameter ■ Matched system of screw anchor and screwdriver 	Drill bit dia.:6mm	●					●	●	●
<ul style="list-style-type: none"> ■ Controlled setting ■ Deliverable with or without prefitted screw 	Drill bit dia.: 8-12 mm	●						●	
<ul style="list-style-type: none"> ■ Self-drilling tip ■ One bit for anchor and screw ■ Removable 								●	
<ul style="list-style-type: none"> ■ Quick and easy setting ■ Automatic follow-up expansion 	Drill bit dia.: 8 mm	●						●	
<ul style="list-style-type: none"> ■ One-piece element ■ Corrosion resistant ■ No heat bridge 	Drill bit dia.: 8 mm insulating material thickness: 10-150 mm								●
<ul style="list-style-type: none"> ■ Corrosion resistant ■ No heat bridge ■ Reliable bonding of plaster 	Drill bit dia.: 8 mm insulating material thickness up to 160 mm								●
<ul style="list-style-type: none"> ■ Reliable pressing on 	Drill bit dia.: 8 mm								●
<ul style="list-style-type: none"> ■ Quick and safe ■ Fire resistant 	Drill bit dia.: 8 mm insulating material thickness: up to 120 mm	●		●					●
<ul style="list-style-type: none"> ■ No expansion pressure ■ Small edge distances and spacings ■ A strong and flexible foil capsule ■ Sealed bore-hole 	M10-M20	●		●	●	●		●	●
<ul style="list-style-type: none"> ■ Easy setting ■ Flexibility in use and planning ■ Setting by hand 	M8-M20	●		●		●		●	

Ultimate-performance foil capsule for anchoring in concrete HVU



KEY APPLICATIONS & ADVANTAGES

- Anchoring structural steel connections (e.g. steel columns, beams, etc.)
- Anchoring in road and tunnel applications (crash and noise barriers, overhead catenary systems)
- Flexible foil capsule instead of glass: A robust solution for real jobsite conditions
- One system for many applications thanks to a wide range of adhesive capsules, anchor rods and internally threaded sleeves in various diameters and lengths

Technical data

Base material condition	Dry, Wet
Environmental conditions	Covered by ground soil, Highly corrosive special applications, Indoor, damp conditions, Indoor, dry conditions, Indoor, ventilated facades, Outdoor
Type of fastening	Pre-fastening
Material composition	Hybrid urethane methacrylate adhesive
Installation direction	All
Storage and transportation temperature - max.	25 °C



Ordering designation	Standard embedment depth	Anchoring elements	Shelf life from date of manufacture (at 23°C and 50% relative humidity)	Sales pack quantity	Item number
HVU M8x80	80 mm	HAS threaded rods, HIS-N internally-threaded inserts	18 months	10 pc	256691
HVU M10x90	90 mm	HAS threaded rods, HIS-N internally-threaded inserts	18 months	10 pc	256692
HVU M12x110	110 mm	HAS threaded rods, HIS-N internally-threaded inserts	18 months	10 pc	256693
HVU M16x125	125 mm	HAS threaded rods, HIS-N internally-threaded inserts	18 months	10 pc	256694
HVU M20x170	170 mm	HAS threaded rods, HIS-N internally-threaded inserts	18 months	5 pc	256695
HVU M24x210	210 mm	HAS threaded rods, HIS-N internally-threaded inserts	18 months	5 pc	256696
HVU M27x240	240 mm	HAS threaded rods, HIS-N internally-threaded inserts	18 months	4 pc	256697
HVU M30x270	270 mm	HAS threaded rods, HIS-N internally-threaded inserts	18 months	4 pc	256698

Adhesive anchor system HVU-TZ



KEY APPLICATIONS & ADVANTAGES

- Heavy-duty fastenings in cracked concrete and for dynamic loading (steel structures, machinery, crash barriers and noise barriers, curtain wall facades, railings)
- For safety-relevant fastenings
- Dynamic loads
- Suitable for use in cracked concrete
- Suitable for dynamic loading subject to fatigue, shock, and seismic activity

Technical data

Base material condition	Dry, Wet
Environmental conditions	Covered by ground soil, Highly corrosive special applications, Indoor, damp conditions, Indoor, dry conditions, Indoor, ventilated facades, Outdoor
Type of fastening	Pre-fastening
Material composition	Hybrid urethane methacrylate adhesive
Installation direction	All
Storage and transportation temperature - max.	25 °C



Ordering designation	Standard embedment depth	Anchoring elements	Shelf life from date of manufacture (at 23°C and 50% relative humidity)	Anchor size	Sales pack quantity	Item number
HVU-TZ M10	75 mm	HAS-TZ torque-controlled bonded anchor	18 months	M10	10 pc	311368
HVU-TZ M12	95 mm	HAS-TZ torque-controlled bonded anchor	18 months	M12	10 pc	311369
HVU-TZ M16	105 mm	HAS-TZ torque-controlled bonded anchor	18 months	M16	10 pc	311370

Ultimate performance or heavy anchoring and rebar connections Hilti HIT-RE 500 V3



KEY APPLICATIONS & ADVANTAGES

- Structural connections with post-installed rebar (e.g. extension/connection to walls, slabs, stairs, columns, foundations, etc.)
- Anchoring structural steel connections (e.g. steel columns, beams, etc.)
- Structural renovation of buildings, bridges and other civil structures, retrofitting and re-strengthening of concrete members possible
- The fastest-curing epoxy mortar on the market
- High performance and technical superiority as per international approvals

Technical data	
Base material condition	Dry, Submerged, Water-filled, Wet
Cleaning procedures	Auto-cleaning with Hilti hollow drill bits, Compressed-air cleaning
Material composition	Epoxy adhesive
Tested/approved for diamond drilling	Yes
Storage and transportation temperature - max.	25 °C
Storage and transportation temperature - min.	5 °C



Approvals	
	BZS_D_16-601_RE-500_V3_injection_mortar_en
	CSTB_MRF_1526054277/B_HIT-RE 500 V3_injection_mortar_042016_en
	CSTB MRF 1526054277 B fire evaluation
	ETA 16/0142 HIT-RE 500 V3 injection mortar rebar_en
	HIT-RE 500 V3 replacement letter
	MFPA_GS-3.2/15-361-4_HIT-RE 500 V3_injection_mortar_082016_en
	Tech HIT-RE500 V3 with HIT-V 2017
	Tech HIT RE500 V3 with rebar 2016
	Tech HIT-RE500 V3 with rebar as anchor 2016
ETA	ETA 16/0143 HIT-RE 500 V3 injection mortar 11/2016_en

Approvals and test reports may apply to selected products only. Please refer to the documents for details.



Ordering designation	Content per can/cartridge	Anchoring elements	Shelf life from date of manufacture (at 23°C and 50% relative humidity)	Package contents	Sales pack quantity	Item number
HIT-RE 500 V3/330/1	0.33 l	HIT-V threaded rods	12 months	1x Foil pack, 1x Mixer, 1x Mixer extension	1 pc	2123403
HIT-RE 500 V3/500/1	0.5 l	HIT-V threaded rods	12 months	1x Foil pack, 1x Mixer, 1x Mixer extension	1 pc	2123406
HIT-RE 500 V3/1400	1.4 l	HIT-V threaded rods	9 months	1x Foil pack, 1x Mixer, 1x Mixer extension	1 pc	2123409

Ultimate performance hybrid mortar for heavy anchoring and rebar connections Hilti HIT-HY 200-A



KEY APPLICATIONS & ADVANTAGES

- Anchoring structural steel connections (e.g. steel columns, beams)
- Anchoring secondary steel structures (e.g. racking, guard rails, sound barriers)
- Anchoring safety barriers, balustrades, fire staircases
- No hole cleaning required with the revolutionary new Hilti HIT-Z anchor rod
- Automatic hole cleaning with TE-CD and TE-YD drill bits in combination with Hilti vacuum cleaners

Technical data	
Base material condition	Dry, Wet
Environmental conditions	Covered by ground soil, Highly corrosive special applications, Indoor, damp conditions, Indoor, dry conditions, Indoor, ventilated facades, Outdoor
Type of fastening	Pre-fastening, Through-fastening
Cleaning procedures	Auto-cleaning with Hilti hollow drill bits, Compressed-air cleaning, Manual cleaning, No cleaning required with Hilti HIT-Z rod
Material composition	Hybrid urethane methacrylate adhesive
Installation direction	All

Approvals	
ETA	ETA 11/0492 for HIT-HY 200-A injection mortar for rebar (ETAG 001-05, Option -)
ETA, Seismic	ETA 11/0493 for HIT-HY 200-A injection mortar and standard element for anchoring application (ETAG 001-05, Option 1) ETA 12/0006 for HIT-HY 200-A injection mortar and HIT-Z(-R) (-F) rod for anchoring applications (ETAG 001-05, Option 1)

Approvals and test reports may apply to selected products only. Please refer to the documents for details.



Ordering designation	Content per can/cartridge	Compatibility sleeves	Number of mixers included	Shelf life from date of manufacture (at 23°C and 50% relative humidity)	Sales pack quantity	Item number
Combo 40 x HY 200 330ml	0.33 l			12 months	1 pc	3500240
COMBO 20x HY200 330ml + HDM500 Dispenser	0.33 l			12 months	1 pc	3512429
Combo 80x HY200 330ml + HDM500 Dispenser	0.33 l			12 months	1 pc	3512430
Combo 5x HY200 330ml + HDM500 Dispenser	0.33 l			12 months	1 pc	3512486
COMBO 5x HY200 500ml + HDM500 Dispenser	0.5 l			12 months	1 pc	3504824
COMBO 20x HY200 500ml + HDM500 Dispenser	0.5 l			12 months	1 pc	3504825
Combo 40 x HY200 500ml	0.5 l			12 months	1 pc	3504831
COMBO 80x HY200 500ml + HDM500 Dispenser	0.5 l			12 months	1 pc	3504832
HIT-HY 200-A 330/2	0.33 l	No	2	12 months	1 pc	2022696
HIT-HY 200-A 500/2	0.5 l	No	2	12 months	1 pc	2022697

Standard epoxy mortar for anchoring and rebar connections in concrete Hilti HIT-RE 100



KEY APPLICATIONS & ADVANTAGES

- Rebar doweling / secondary post-installed rebars
- Anchoring secondary steel elements
- Substitution of misplaced / missing rebars
- Good performance in cracked and uncracked concrete
- Works like cast-in with post-installed rebar connections

Technical data	
Material composition	Epoxy adhesive
Storage and transportation temperature - max.	5 °C
Storage and transportation temperature - min.	25 °C
PROFIS software	No
National Sanitation Foundation	Yes
In-service temperature - max.	70 °C



Approvals	
	ETA 15-0882 HIT-RE 100 injection mortar 04/2016_en
	ETA 15-0883 HIT-RE 100 injection mortar rebar 04/2016_en
	MFPA_GS-3.2/15-431-4_HIT-RE 100_injection_mortar_042016_en
	Tech HIT-RE100 with HIT-V 2016
	Tech HIT-RE100 with rebar 2016
	Tech HIT-RE100 with rebar as anchor 2016
ICC-ES	ICC ESR-3829 for Hilti HIT-RE 100 Epoxy Adhesive

Approvals and test reports may apply to selected products only. Please refer to the documents for details.



Ordering designation	Content per can/cartridge	Compatibility sleeves	Number of mixers included	Shelf life from date of manufacture (at 23°C and 50% relative humidity)	Sales pack quantity	Item number
HIT-RE 100/330/1	0.33 l			12 months	1 pc	2123383
HIT-RE 100/500/1	0.5 l	No	1	9 months	1 pc	2123386
HIT-RE 100/1400	1.4 l			9 months	1 pc	2123389

Everyday standard hybrid mortar for anchoring in concrete and masonry HIT-HY 170



KEY APPLICATIONS & ADVANTAGES

- Fastenings in hollow and solid masonry
- Substitution of misplaced / missing rebars
- For light and medium-duty applications such as window bars, sanitary equipment, awnings, air conditioning systems, lights
- Suitable for use in masonry materials or cracked and uncracked concrete with all anchor rods (ETA report)
- Provides strong, reliable and easily installed fastenings in concrete and masonry materials

Technical data	
Material composition	Hybrid urethane methacrylate adhesive
Tested/approved for diamond drilling	No
Storage and transportation temperature - max.	25 °C
Storage and transportation temperature - min.	5 °C
Mixer types	HIT-RE-M
PROFIS software	No



Approvals	
	ETA 14/0457 for HIT-HY 170 injection mortar for anchoring applications (ETAG 001-05, Option 1)
	ETA 15/0197 for HIT-HY 170 injection mortar for anchoring in masonry
	ETA-15/0297 HIT-HY 170 injection mortar for rebar

Approvals and test reports may apply to selected products only. Please refer to the documents for details.



Ordering designation	Content per can/cartridge	Anchoring elements	Shelf life from date of manufacture (at 23°C and 50% relative humidity)	Sales pack quantity	Item number
HY 170 Plus 200 M12 Rods	0.5 l	HIT-V threaded rods	12 months	1 pc	3547020
HIT-HY 170 330/2-EU	0.33 l	HIT-V threaded rods	12 months	1 pc	2101917
HIT-HY 170 500/2-EU	0.5 l	HIT-V threaded rods	12 months	1 pc	2101918

Economic hybrid mortar for concrete and masonry HIT-MM PLUS



Technical data

Base material condition	Dry, Wet
Type of fastening	Pre-fasting
Cleaning procedures	Manual cleaning
Material composition	Hybrid urethane methacrylate adhesive
Installation direction	All
Storage and transportation temperature - max.	25 °C



KEY APPLICATIONS & ADVANTAGES

- Wide range of fastening applications in the medium load range in hollow block (with plastic sleeves), solid block and uncracked concrete where no approval is required
- Fence and railing posts, gates, window grills, non-structural rebars, wall cabinets, bathroom fittings, air conditioning systems, lights
- Surface treatment
- Easy dispensing thanks to well-proven manual, cordless and pneumatic dispensers
- Unique soft foil pack for less waste

Ordering designation	Content per can/cartridge	Number of mixers included	Shelf life from date of manufacture (at 23°C and 50% relative humidity)	Package contents	Sales pack quantity	Item number
COMBO 5x MMPlus 330 + HDM500 Dispenser	0.33 l		12 months	1x Dispenser HDM 500 assy, 5x Foil pack, 10x Mixer, 5x Mixer extension, 1x Cassette 500ml black	1 pc	3512431
COMBO 50x MMPlus 330 + HDM500 Dispenser	0.33 l		12 months	1x Dispenser HDM 500 assy, 50x Foil pack, 100x Mixer, 50x Mixer extension, 1x Cassette 500ml black	1 pc	3512432
COMBO 40x MMPlus 500 + HDM500 Dispenser	0.5 l		12 months	1x Dispenser HDM 500 assy, 40x Foil pack, 80x Mixer, 40x Mixer extension, 1x Cassette 500ml black	1 pc	3505323
HIT-MM PLUS 330/2	0.33 l	2	12 months	1x Foil pack, 2x Mixer, 1x Mixer extension	1 pc	2031079
HIT-MM PLUS 500/2	0.5 l	2	12 months	1x Foil pack, 2x Mixer, 1x Mixer extension	1 pc	2031400

Accessories for Injectable Adhesive Anchors

Ordering designation		HIT-RE 500 V3	Hilti HIT-HY 200-A	HIT-HY 170	HIT-MM PLUS	Sales pack quantity	Item number
Dispenser CFS-DISP 310 ml cartridge dispenser						1 pc	2005843
Cartridge holder HIT-CB 330		■		■	■	1 pc	2007056
Cartridge holder HIT-CB 500		■		■	■	1 pc	2007057
Cartridge holder HIT-CR 330			■			1 pc	2007058
Cartridge holder HIT-CR 500			■			1 pc	2007059
Mixer HIT-RE-M		■	■		■	1 pc	337111

Ultimate-performance anchor rod for injection (CS) HIT-Z



KEY APPLICATIONS & ADVANTAGES

- Fastenings in cracked and uncracked concrete made with Hilti HIT-HY 200
- Seismic anchoring applications (e.g. bracing of reinforced concrete buildings)
- Suitable for very high loads in cracked concrete and seismic applications in accordance with ICC-ES and ETA C2 approvals
- Safe and productive solution thanks to elimination of the hole cleaning process

Technical data

Anchor type	Off-the-shelf rods
Head configuration	Externally threaded
Environmental conditions	Indoor, dry conditions
Type of fastening	Pre-fastening, Through-fastening
Approvals / test reports	ETA
Material composition	Steel, zinc-plated (min. 5 µm)
Installation direction	All
Tested/approved for diamond drilling	Yes
PROFIS software	Yes
Material, corrosion	Steel, zinc-plated



Approvals

ETA, Seismic

Approvals and test reports may apply to selected products only. Please refer to the documents for details.



Ordering designation	Anchor size	Base plate clearance hole	Required tightening torque	Wrench size	Anchor length	Sales pack quantity	Item number
HIT-Z M8x80	M8	9 mm	10 Nm	13 mm	80 mm	40 pc	2018364
HIT-Z M10x95	M10	12 mm	25 Nm	17 mm	95 mm	40 pc	2018367
HIT-Z M12x105	M12	14 mm	40 Nm	19 mm	105 mm	20 pc	2018411
HIT-Z M12x196	M12	14 mm	40 Nm	19 mm	196 mm	20 pc	2018415
HIT-Z M16x155	M16	18 mm	80 Nm	24 mm	155 mm	12 pc	2018416
HIT-Z M20x215	M20	22 mm	150 Nm	30 mm	215 mm	6 pc	2018420
HIT-Z M20x250	M20	22 mm	150 Nm	30 mm	250 mm	6 pc	2018421

Ultimate-performance anchor rod for use with injection (A4 SS) HIT-Z-R



KEY APPLICATIONS & ADVANTAGES

- Fastenings in cracked and uncracked concrete made with Hilti HIT-HY 200
- Seismic anchoring applications (e.g. bracing of reinforced concrete buildings)
- Very high loads in cracked concrete and seismic applications according to ICC-ES and ETA C2 approvals
- Reliable and productive solution thanks to elimination of the hole cleaning process



Technical data

Anchor type	Off-the-shelf rods
Head configuration	Externally threaded
Environmental conditions	Covered by ground soil, Outdoor, Underwater, fresh water
Type of fastening	Pre-fastening, Through-fastening
Approvals / test reports	ETA
Material composition	Steel, A4 (SS316)
Installation direction	All
Tested/approved for diamond drilling	Yes
PROFIS software	Yes
Material, corrosion	Steel, stainless

Ordering designation	Anchor size	Required tightening torque	Wrench size	Anchor length	Useable thread length	Sales pack quantity	Item number
HIT-Z-R M8x80	M8	10 Nm	13 mm	80 mm	8 mm	40 pc	2018422
HIT-Z-R M10x95	M10	25 Nm	17 mm	95 mm	22 mm	40 pc	2018425
HIT-Z-R M10x160	M10	25 Nm	17 mm	160 mm	87 mm	40 pc	2018428
HIT-Z-R M12x105	M12	40 Nm	19 mm	105 mm	29 mm	20 pc	2018429
HIT-Z-R M12x155	M12	40 Nm	19 mm	155 mm	79 mm	20 pc	2018431
HIT-Z-R M16x155	M16	80 Nm	24 mm	155 mm	38 mm	12 pc	2018434
HIT-Z-R M16x240	M16	80 Nm	24 mm	240 mm	123 mm	12 pc	2018437
HIT-Z-R M20x215	M20	150 Nm	30 mm	215 mm	91 mm	6 pc	2018438

Anchor rod HAS-TZ



KEY APPLICATIONS & ADVANTAGES

- Suitable for fastening in cracked concrete in combination with Hilti HVU-TZ capsules
- HVZ combines highest performance in chemical anchors with an unparalleled level of safety
- Minimal sensitivity to cracked concrete (tension zone)



Technical data

Anchor type	Off-the-shelf rods
Head configuration	Externally threaded
Environmental conditions	Indoor, dry conditions
Type of fastening	Pre-fastening
Material composition	Steel, 8.8 grade, zinc-plated (min. 5 µm)
Installation direction	All
Tested/approved for diamond drilling	No
PROFIS software	Yes
Material, corrosion	Steel, zinc-plated
In-service temperature - min.	-40 °C



Ordering designation	Anchor size	Base plate clearance hole	Required tightening torque	Wrench size	Anchor length	Standard embedment depth	Sales pack quantity	Item number
HAS-TZ M12X95/25	M12	14 mm	50 Nm	19 mm	158 mm	110 mm	10 pc	308385
HAS-TZ M16X105/60	M16	18 mm	90 Nm	24 mm	211 mm	125 mm	5 pc	308389
HAS-TZ M16X125/30	M16	18 mm	90 Nm	24 mm	201 mm	145 mm	5 pc	332519
HAS-TZ M16X125/100	M16	18 mm	90 Nm	24 mm	271 mm	145 mm	5 pc	332521

Anchor rod HAS-E



KEY APPLICATIONS & ADVANTAGES

- Incorporates a chisel-shaped end to cut and mix the Hilti HVU capsule, embedment marking for easy setting, and a conical head (M8-M24 only)
- Large family of anchor rods (M8-M39)



Technical data

Anchor type	Off-the-shelf rods
Head configuration	Externally threaded
Environmental conditions	Indoor, dry conditions
Type of fastening	Pre-fastening
Material composition	Steel, 5.8 grade, zinc-plated (min. 5 µm)
Installation direction	All
PROFIS software	Yes
Material, corrosion	Steel, zinc-plated
In-service temperature - min.	-40 °C

Approvals

ETA	ETA 04/0027 for HIT-RE 500 injection mortar for anchoring applications (ETAG 001-05, Option 7)
	ETA 05/0255 for HVU adhesive capsules (ETAG 001-05, Option 7)
	ETA 08/0352 for HIT-HY 150 MAX injection mortar for anchoring applications (ETAG 001-05, Option 7)
	ETA 09/0265 for HIT-HY 70 injection mortar for anchoring applications in concrete (ETAG 001-05, Option 7)

Approvals and test reports may apply to selected products only. Please refer to the documents for details.



Ordering designation	Anchor size	Base plate clearance hole	Wrench size	Anchor length	Standard embedment depth	Sales pack quantity	Item number
HAS-E-5.8 M8x80/14	M8	10 mm	13 mm	110 mm	80 mm	20 pc	332219
HAS-E-5.8 M10x90/21	M10	12 mm	17 mm	130 mm	90 mm	20 pc	332220
HAS-E-5.8 M12x110/168	M12	14 mm	19 mm	300 mm	110 mm	10 pc	333104
HAS-E-5.8 M12x110/28	M12	14 mm	19 mm	160 mm	110 mm	20 pc	332221
HAS-E-5.8 M16x125/38	M16	18 mm	24 mm	190 mm	125 mm	20 pc	332222
HAS-E-5.8 M20x170/48	M20	22 mm	30 mm	240 mm	170 mm	10 pc	332223
HAS-E-5.8 M20x170/68	M20	22 mm	30 mm	260 mm	170 mm	10 pc	333110
HAS-E-5.8 M20x170/108	M20	22 mm	30 mm	300 mm	170 mm	10 pc	333111
HAS-E-5.8 M24x210/54	M24	26 mm	36 mm	290 mm	210 mm	10 pc	332224

Anchor rod HAS-E-F



KEY APPLICATIONS & ADVANTAGES

- Incorporates a chisel-shaped end to cut and mix the Hilti HVU capsule, embedment marking for easy setting, and a conical head
- Large family of anchor rods (M8-M39)



Technical data

Anchor type	Off-the-shelf rods
Head configuration	Externally threaded
Environmental conditions	Indoor, damp conditions, Outdoor
Type of fastening	Pre-fastening
Material composition	Steel, 5.8 grade, hot-dip galvanized (min. 43 µm)
Installation direction	All
PROFIS software	Yes
Material, corrosion	Steel, sherardised / hot-dip galvanized
In-service temperature - min.	-40 °C

Ordering designation	Anchor size	Base plate clearance hole	Wrench size	Anchor length	Drilling depth	Package contents	Sales pack quantity	Item number
HAS-E-F-5.8 M10x90/21	M10	12 mm	17 mm	130 mm	90 mm	1x Anchor rod HAS-E-F M10X90/21 assy	20 pc	333145
HAS-E-F-5.8 M12x110/28	M12	14 mm	19 mm	160 mm	110 mm	1x Anchor rod HAS-E-F M12X110/28 assy	20 pc	333148
HAS-E-F-5.8 M16x125/38	M16	18 mm	24 mm	190 mm	125 mm	1x Anchor rod HAS-E-F M16X125/38 assy	20 pc	333153
HAS-E-F-5.8 M20x170/48	M20	22 mm	30 mm	240 mm	170 mm	1x Anchor rod HAS-E-F M20X170/48 assy	10 pc	333158
HAS-E-F-5.8 M24x210/54	M24	26 mm	36 mm	290 mm	210 mm	1x Anchor rod HAS-E-F M24 assy	10 pc	333163

Anchor rod HAS-E-R



KEY APPLICATIONS & ADVANTAGES

- Incorporates a chisel-shaped end to cut and mix the Hilti HVU capsule, embedment marking for easy setting, and a conical head (M8-M24 only)
- Large family of anchor rods (M8-M39)



Technical data

Anchor type	Off-the-shelf rods
Head configuration	Externally threaded
Environmental conditions	Covered by ground soil, Outdoor, Underwater, fresh water
Type of fastening	Pre-fastening
Material composition	Steel, A4 (SS316)
Installation direction	All
PROFIS software	Yes
Material, corrosion	Steel, stainless
In-service temperature - min.	-40 °C

Ordering designation	Anchor size	Base plate clearance hole	Wrench size	Anchor length	Standard embedment depth	Drilling depth	Sales pack quantity	Item number
HAS-E-R M8x80/14	M8	9 mm	13 mm	110 mm	80 mm	80 mm	20 pc	333119
HAS-E-R M10x90/21	M10	12 mm	17 mm	130 mm	90 mm	90 mm	20 pc	333122
HAS-E-R M12x110/28	M12	14 mm	19 mm	160 mm	110 mm	110 mm	20 pc	333126
HAS-E-R M12x110/88	M12	14 mm	19 mm	220 mm	110 mm	110 mm	10 pc	333127
HAS-E-R M16x125/38	M16	18 mm	24 mm	190 mm	125 mm	125 mm	20 pc	333131
HAS-E-R M16x125/108	M16	18 mm	24 mm	260 mm	125 mm	125 mm	10 pc	333132
HAS-E-R M20x170/48	M20	22 mm	30 mm	240 mm	170 mm	170 mm	10 pc	333135
HAS-E-R M20x170/108	M20	22 mm	30 mm	300 mm	170 mm	170 mm	10 pc	333136
HAS-E-R M24x210/54	M24	26 mm	36 mm	290 mm	210 mm	210 mm	10 pc	333137

Standard anchor rod for injection (5.8 CS) HIT-V-5.8



KEY APPLICATIONS & ADVANTAGES

- Suitable for fastenings in concrete and masonry in combination with the relevant Hilti HIT injectable adhesive mortar
- Applications where flexible embedment depths are required
- Flexible embedment depths for maximum performance and high cost-efficiency
- Productivity: use of optimal rod length and diameter saves time and money with every fastening



Technical data

Anchor type	Off-the-shelf rods
Head configuration	Externally threaded
Environmental conditions	Indoor, dry conditions
Type of fastening	Pre-fastening, Through-fastening
Material composition	Steel, 5.8 grade, zinc-plated (min. 5 µm)
Installation direction	All
PROFIS software	Yes
Material, corrosion	Steel, zinc-plated
In-service temperature - min.	-40 °C

Approvals

ETA	ETA 04/0027 for HIT-RE 500 injection mortar for anchoring applications (ETAG 001-05, Option 7)
	ETA 08/0352 for HIT-HY 150 MAX injection mortar for anchoring applications (ETAG 001-05, Option 7)
	ETA 09/0265 for HIT-HY 70 injection mortar for anchoring applications in concrete (ETAG 001-05, Option 7)
	ETA 11/0354 for HIT-CT 1 injection mortar for anchoring applications (ETAG 001-05, Option 7)
	ETA 13/1036 for HIT-HY 270 injection mortar for anchoring in masonry
ETA, Seismic	ETA 07/0260 HIT-RE 500-SD injection mortar for anchoring applications (ETAG 001-05, Option 1)
	ETA 11/0493 for HIT-HY 200-A injection mortar and standard element for anchoring application (ETAG 001-05, Option 1)
	ETA 12/0084 for HIT-HY 200-R injection mortar and standard elements for anchoring applications (ETAG 001-05, Option 1)

Approvals and test reports may apply to selected products only. Please refer to the documents for details.



Ordering designation	Anchor size	Base plate clearance hole	Wrench size	Anchor length	Useable thread length	Drilling depth	Sales pack quantity	Item number
HIT-V-5.8 M8x80	M8	9 mm	13 mm	80 mm	65 mm	60 mm	20 pc	387054
HIT-V-5.8 M10x95	M10	12 mm	17 mm	95 mm	78 mm	90 mm	10 pc	387057
HIT-V-5.8 M10x130	M10	12 mm	17 mm	130 mm	113 mm	90 mm	10 pc	387058
HIT-V-5.8 M12x150	M12	14 mm	19 mm	150 mm	131 mm	110 mm	10 pc	387061
HIT-V-5.8 M16x150	M16	18 mm	24 mm	150 mm	127 mm	80 mm	5 pc	387064
HIT-V-5.8 M16x300	M16	18 mm	24 mm	300 mm	277 mm	125 mm	5 pc	387066
HIT-V-5.8 M20x180	M20	22 mm	30 mm	180 mm	153 mm	90 mm	5 pc	387068
HIT-V-5.8 M20x380	M20	22 mm	30 mm	380 mm	353 mm	170 mm	10 pc	387070
HIT-V-5.8 M24x300	M24	26 mm	36 mm	300 mm	268 mm	210 mm	5 pc	387072

Standard anchor rod for injection (5.8 hot-dip galvanized) HIT-V-F



KEY APPLICATIONS & ADVANTAGES

- Suitable for fastenings in concrete and masonry in combination with the relevant Hilti HIT injectable adhesive mortar
- Applications where flexible embedment depths are required
- Productivity: use of optimal rod length and diameter saves time and money with every fastening
- Universality: simplifies your anchor rod inventory by enabling use of the same rod for various applications

Technical data

Anchor type	Off-the-shelf rods
Head configuration	Externally threaded
Environmental conditions	Indoor, damp conditions, Outdoor
Type of fastening	Pre-fastening, Through-fastening
Material composition	Steel, 5.8 grade, hot-dip galvanized (min. 43 µm)
Installation direction	All
PROFIS software	Yes
Material, corrosion	Steel, sherardised / hot-dip galvanized
In-service temperature - min.	-40 °C



Ordering designation	Anchor size	Base plate clearance hole	Wrench size	Anchor length	Useable thread length	Sales pack quantity	Item number
HIT-V-F-5.8 M10x95	M10	12 mm	17 mm	95 mm	78 mm	10 pc	409551
HIT-V-F-5.8 M12x110	M12	14 mm	19 mm	110 mm	91 mm	10 pc	409555
HIT-V-F-5.8 M12x120	M12	14 mm	19 mm	120 mm	101 mm	10 pc	409556
HIT-V-F-5.8 M16x150	M16	18 mm	24 mm	150 mm	127 mm	5 pc	409560
HIT-V-F-5.8 M16x300	M16	18 mm	24 mm	300 mm	277 mm	5 pc	409562
HIT-V-F-5.8 M20x180	M20	22 mm	30 mm	180 mm	153 mm	5 pc	409564
HIT-V-F-5.8 M20x260	M20	22 mm	30 mm	260 mm	233 mm	5 pc	409565
HIT-V-F-5.8 M24x450	M24	26 mm	36 mm	450 mm	418 mm	5 pc	409569

Standard anchor rod for injection (A4 SS) HIT-V-R



KEY APPLICATIONS & ADVANTAGES

- Suitable for fastenings in concrete and masonry in combination with the relevant Hilti HIT injectable adhesive mortar
- Applications where flexible embedment depths are required
- Flexible embedment depths for maximum performance and high cost-efficiency
- Productivity: use of optimal rod length and diameter saves time and money with every fastening

Technical data

Anchor type	Off-the-shelf rods
Head configuration	Externally threaded
Environmental conditions	Covered by ground soil, Outdoor, Underwater, fresh water
Type of fastening	Pre-fastening, Through-fastening
Material composition	Steel, A4 (SS316)
Installation direction	All
PROFIS software	Yes
Material, corrosion	Steel, stainless
In-service temperature - min.	-40 °C



Ordering designation	Anchor size	Base plate clearance hole	Wrench size	Anchor length	Useable thread length	Drilling depth	Sales pack quantity	Item number
HIT-V-R M8x80	M8	9 mm	13 mm	80 mm	65 mm	60 mm	20 pc	387074
HIT-V-R M12x150	M12	14 mm	19 mm	150 mm	131 mm	110 mm	10 pc	387081
HIT-V-R M16x200	M16	18 mm	24 mm	200 mm	177 mm	125 mm	5 pc	387085
HIT-V-R M20x260	M20	22 mm	30 mm	260 mm	233 mm	170 mm	5 pc	387088

Standard internally threaded insert (CS) for use with capsules and injection mortar HIS-N



KEY APPLICATIONS & ADVANTAGES

- Suitable for internally-threaded fastenings in concrete in combination with various Hilti injectable adhesive mortars, HVU capsules and 8.8 grade steel anchor rods
- Internally threaded to allow flush installation and easy removal of bolts
- Features a chisel tip to cut and mix the Hilti HVU capsule (to be installed using the HIS-S setting tool)



Technical data	
Anchor type	Internally threaded
Head configuration	Inner thread
Environmental conditions	Indoor, dry conditions
Type of fastening	Pre-fastening
Material composition	Steel, zinc-plated
Installation direction	All
PROFIS software	Yes
Material, corrosion	Steel, zinc-plated
In-service temperature - min.	-40 °C

Approvals	
ETA	ETA 04/0027 for HIT-RE 500 injection mortar for anchoring applications (ETAG 001-05, Option 7)
	ETA 05/0255 for HVU adhesive capsules (ETAG 001-05, Option 7)
	ETA 08/0352 for HIT-HY 150 MAX injection mortar for anchoring applications (ETAG 001-05, Option 7)
ETA, Seismic	ETA 07/0260 HIT-RE 500-SD injection mortar for anchoring applications (ETAG 001-05, Option 1)
	ETA 11/0493 for HIT-HY 200-A injection mortar and standard element for anchoring application (ETAG 001-05, Option 1)
	ETA 12/0084 for HIT-HY 200-R injection mortar and standard elements for anchoring applications (ETAG 001-05, Option 1)

Approvals and test reports may apply to selected products only. Please refer to the documents for details.



Ordering designation	Anchor size	Thread engagement depth - max.	Base plate clearance hole	Outside diameter	Anchor length	Sales pack quantity	Item number
HIS-N M10x110	M10	25 mm	12 mm	17 mm	110 mm	10 pc	258016
HIS-N M12x125	M12	30 mm	14 mm	21 mm	125 mm	5 pc	258017
HIS-N M16x170	M16	40 mm	18 mm	25 mm	170 mm	5 pc	258018
HIS-N M20x205	M20	50 mm	22 mm	28 mm	205 mm	5 pc	258019

Standard internally threaded insert (A4 SS) for use with capsules and injection mortar HIS-RN



KEY APPLICATIONS & ADVANTAGES

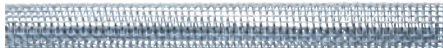
- Internally threaded to allow flush installation and easy removal of bolts
- Features a chisel tip to cut and mix the Hilti HVU capsule (to be installed using the HIS-S setting tool)



Technical data	
Anchor type	Internally threaded
Head configuration	Inner thread
Environmental conditions	Covered by ground soil, Outdoor, Underwater, fresh water
Type of fastening	Pre-fastening
Material composition	Steel, A4 (SS316)
Installation direction	All
PROFIS software	Yes
Material, corrosion	Steel, stainless

Ordering designation	Anchor size	Internal thread size	Thread engagement depth - max.	Thread engagement depth - min.	Base plate clearance hole	Outside diameter	Anchor length	Sales pack quantity	Item number
HIS-RN M8x90 A4	M8	8 mm	20 mm	8 mm	9 mm	13 mm	90 mm	10 pc	258024
HIS-RN M12x125 A4	M12	12 mm	30 mm	12 mm	14 mm	21 mm	125 mm	5 pc	258026
HIS-RN M16x170 A4	M16	16 mm	40 mm	16 mm	18 mm	25 mm	170 mm	5 pc	258027
HIS-RN M20x205 A4	M20	20 mm	50 mm	20 mm	22 mm	28 mm	205 mm	5 pc	258028

Metal mesh sleeve HIT-S 1m (finely woven)



KEY APPLICATIONS & ADVANTAGES

- Suitable for use in hollow blocks in conjunction with HIT-HY 70, HIT-MM PLUS and HFX
- Can be cut with HIT-SMC 25 mesh sleeve scissors
- Designed for use in materials with large cavities for good mortar distribution and thus good load transfer
- In meter lengths, for cutting to size on site

Technical data

Anchor type	Mesh sleeve
Environmental conditions	Indoor, damp conditions, Indoor, dry conditions, Indoor, ventilated facades, Outdoor
Type of fastening	Pre-fastening
Material composition	Steel, zinc-plated
Installation direction	All
Leadership in energy and environmental design	No
Material, corrosion	Steel, zinc-plated

Ordering designation	Anchor size	Anchor length	Sales pack quantity	Item number
HIT-S 12x1M	12	1000 mm	50 pc	49762
HIT-S 16x1M	16	1000 mm	50 pc	49763
HIT-S 22x1M	22	1000 mm	25 pc	49764

Modular composite mesh sleeves for fastenings in masonry HIT-SC



Technical data

Anchor type	Mesh sleeve
Environmental conditions	Indoor, damp conditions, Indoor, dry conditions, Indoor, ventilated facades, Outdoor, Underwater, fresh water
Type of fastening	Pre-fastening
Material composition	Plastic
Installation direction	All
Leadership in energy and environmental design	No
Material, corrosion	Plastic

KEY APPLICATIONS & ADVANTAGES

- Suitable for applications in hollow materials in combination with Hilti HIT-HY 70, HIT-HY 170, HIT-HY 270, HIT-MM PLUS or HFX
- Typical applications include sun blinds, awnings, electrical installations, sanitary installations, handrails, banisters, railings, window gratings, gates
- Standard 50 mm and 85 mm lengths can be used individually or clicked together for deeper embedment applications
- Simply push the anchor rod into the sleeve



Ordering designation	Anchor size	Outside diameter	Anchor length	Drilling depth	Package contents	Sales pack quantity	Item number
HIT-SC 16x85	8/10 mm	18 mm	85 mm	95 mm	1x Mesh sleeve HIT SC 16X85	20 pc	375982
HIT-SC 12x85	6 mm	14 mm	85 mm	95 mm	1x Mesh sleeve HIT SC 12X85	20 pc	375980
HIT-SC 22x85	16 mm	24 mm	85 mm	95 mm	1x Mesh sleeve HIT-SC 22x85	10 pc	284511

Anchor rod (standard) HAS-E 8.8



Technical data

Anchor type	Off-the-shelf rods
Head configuration	Externally threaded
Environmental conditions	Indoor, dry conditions
Type of fastening	Pre-fastening
Material composition	Steel, 8.8 grade, zinc-plated (min. 5 µm)
Installation direction	All
PROFIS software	Yes
Material, corrosion	Steel, zinc-plated
In-service temperature - min.	-40 °C

Ordering designation	Anchor size	Base plate clearance hole	Wrench size	Anchor length	Standard embedment depth	Drilling depth	Sales pack quantity	Item number
HAS-E-8.8 M27x240/60	M27	30 mm	41 mm	340 mm	240 mm	240 mm	4 pc	333114
HAS-E-8.8 M30x270/70	M30	33 mm	46 mm	380 mm	270 mm	270 mm	4 pc	333115

Manual dispenser HDM



KEY APPLICATIONS & ADVANTAGES

- Fast, easy foil pack loading
- Ruggedly built to withstand tough jobsite conditions

Technical data

Dispenser, setting tool, accessory, tester type	Dispensers
Dispenser type	Manual
Power source type	Manually driven



Ordering designation	Weight	Package contents	Sales pack quantity	Item number
HDM 500 Dispenser red/black		1x Dispenser HDM 500 assy, 1x Cassette 500ml black, 1x Cassette 500ml red	1 pc	3504617
HDM 500 box	1.8 kg	1x Dispenser HDM 500 assy	1 pc	2005641
HDM 330/500 empty	2.2 kg	1x Case	1 pc	2051634

Profi accessories for mortar injection Hilti HIT



Technical data

Dispenser, setting tool, accessory, tester type	Mixing nozzles and injection accessories
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Ordering designation	Package contents	Sales pack quantity	Item number
HIT-SZ 25	1x Piston plug SZ 25 NG	10 pc	2039315
HIT-SZ 30	1x Piston plug SZ 30 NG	10 pc	2039317
HIT-SZ 35	1x Piston plug SZ 35 NG	10 pc	2039319
HIT-SZ 40	1x Piston plug SZ 40 NG	10 pc	2039325

Dispenser HDE 500-A22



Technical data

Dispenser, setting tool, accessory, tester type	Dispensers
Battery type	22 V
Dispenser type	Battery
Power source type	22 V battery platform

KEY APPLICATIONS & ADVANTAGES

- Injection of Hilti HIT adhesive mortar for fastening anchor rods and rebars in concrete and masonry
- Serial fastenings and/or injection in deep holes
- No need for external power source supply
- Easy injection even at low temperatures
- Dose adjustment knob for accurate and controlled dispensing



CPC



Ordering designation	Weight	Package contents	Sales pack quantity	Item number
HDE 500-A22 CR/CB cas	2.2 kg	1x Dispenser HDE 500-A22 EU assy, 1x Cassette 500ml black, 1x Cassette 500ml red, 1x Case	1 pc	2005637

Cartridge holder HIT-CB 500



KEY APPLICATIONS & ADVANTAGES

- For use with all Hilti 3:1 adhesive foils

Ordering designation	Package contents	Sales pack quantity	Item number
Cartridge holder HIT-CB 330	1x Cassette 330ml black	1 pc	2007056
Cartridge holder HIT-CB 500	1x Cassette 500ml black	1 pc	2007057

Cartridge holder Hilti HIT-CR



KEY APPLICATIONS & ADVANTAGES

- For use with 5:1 red cartridges (e.g. Hilti HIT-HY 200) HIT-HY 200)

Ordering designation	Package contents	Sales pack quantity	Item number
Cartridge holder HIT-CR 330	1x Cassette 330ml red	1 pc	2007058
Cartridge holder HIT-CR 500	1x Cassette 500ml red	1 pc	2007059

Injectable mortar accessories for blowing out Hilti HIT



KEY APPLICATIONS & ADVANTAGES

- For fast and efficient removal of dust and debris from drilled holes of varying diameters and depths to allow correct installation of anchors and rebar

Technical data

Dispenser, setting tool, accessory, tester type	Cleaning accessories
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Ordering designation	Sales pack quantity	Item number
Blow-out pump	1 pc	60579

Pneumatic dispenser P 8000 D



Technical data

Dispenser, setting tool, accessory, tester type	Dispensers
Dispenser type	Pneumatic
Optimal air flow rate	250 l/min
Power source type	Compressed air

KEY APPLICATIONS & ADVANTAGES

- Injection of Hilti HIT adhesive mortar for fastening anchor rods and rebar in concrete and masonry
- For use with 1400 ml Hilti HIT foil packs
- Dispensing system for accurate hole filling
- Robust dispensers for tough jobsite conditions



Ordering designation	Weight	Package contents	Sales pack quantity	Item number
P 8000 D	6.2 kg	1x Dispenser P 8000 D assy, 1x Cassette VIC printed, 1x Carrying device P 8000 D	1 pc	373959

Accessories for using brushes to clean holes Hilti HIT



KEY APPLICATIONS & ADVANTAGES

- For the proper brushing of drilled holes of varying diameters and embedment depths

Technical data

Dispenser, setting tool, accessory, tester type	Cleaning accessories
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Ordering designation	Package contents	Sales pack quantity	Item number
HIT-RB 12		1 pc	336548
HIT-RB 14		1 pc	336549
HIT-RB 18		1 pc	336551
HIT-RB 28		1 pc	380919
HIT-RBH	1x Brush extension GA	1 pc	229138
HIT HDM Full Kit	1x Dispenser HDM 500 assy, 1x Round steel brush HIT-RB 12, 1x Round steel brush HIT-RB 14, 1x Round steel brush HIT-RB 18, 1x Round steel brush HIT-RB 28, 1x Blow-out pump, 1x Cassette 500ml black, 1x Cassette 500ml red, 1x Brush extension GA, 1x Case	1 pc	3548976
13 HG	1x Round brush 13MM HG	1 pc	229133
18 HG	1x Round brush 18MM HG	1 pc	229134
28 HG	1x Round brush 28MM HG	1 pc	229135

Mixers and extensions for injectable mortars Hilti HIT



KEY APPLICATIONS & ADVANTAGES




- Mixing nozzles for Hilti HIT adhesive cartridges

Technical data

Dispenser, setting tool, accessory, tester type	Mixing nozzles and injection accessories
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Ordering designation	Package contents	Sales pack quantity	Item number
Mixer HIT-RE-M		1 pc	337111
Mixer HFX-M	1x Mixer	10 pc	284267
Mixer HIT-M1 assy	1x Mixer	100 pc	68156

Accessories for Dispensers, Accessories, Testers

Ordering designation		HDE 500-A22	HDM	Sales pack quantity	Item number
Cartridge holder HIT-CB 500		■		1 pc	2007057
Battery charger C 4/36-90 230V box		■		1 pc	2015761
Cartridge holder HIT-CB 330			■	1 pc	2007056
Cartridge holder HIT-CR 330			■	1 pc	2007058
Cartridge holder HIT-CR 500			■	1 pc	2007059

Anchor tester HAT 28



Technical data

Dispenser, setting tool, accessory, tester type	Anchor testers and accessories
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KEY APPLICATIONS & ADVANTAGES

- Proof loading: application of specific test loads to anchors set in various materials
- Pull-out tests: Determination of pull-out resistance of anchors and DX fasteners in test lab or on site
- Testing hoist anchor points in elevator shafts
- Compact and easy-to-use
- The test load can be read directly from the gauge



Ordering designation	Gauge accuracy	Maximum test load	Effective span of load-spreading bridge	Maximum tensile stroke	Weight incl. bridge assy.	Sales pack quantity	Item number
HAT 28 M kit	± 2.5%	25 kN	118 mm	50 mm	4 kg	1 pc	355338

Dispenser MD 300 and MD 1000



Technical data

Dispenser, setting tool, accessory, tester type	Dispensers
Dispenser type	Manual

KEY APPLICATIONS & ADVANTAGES

- Injection of Hilti HIT-ICE adhesive mortar for fastening anchor rods and rebars in concrete, masonry and some stone

Ordering designation	Package contents	Sales pack quantity	Item number
MD 1000	1x Dispenser HIT M assy	1 pc	371291

Anchor testing tool DPG 100



Technical data

Dispenser, setting tool, accessory, tester type	Anchor testers and accessories
Battery type	1 x 9 V
Power source type	9 V battery

KEY APPLICATIONS & ADVANTAGES

- Proof loading: application of specific test loads to anchors set in various materials
- Compact and easy-to-use digital tester powered by a 9V battery
- Loads can be read directly from the digital gauge



Ordering designation	Gauge	Gauge accuracy	Maximum test load	Max. allowable load	Weight	Sales pack quantity	Item number
DPG 100	Digital display	Typical accuracy of ± 0.3 kN	100 kN	100 kN	3 kg	1 pc	59999

Ultimate-performance through-set undercut anchor for dynamic loads (zinc-plated) HDA-T



KEY APPLICATIONS & ADVANTAGES

- Safety-relevant, heavy-duty fastenings for all dynamic loading (shock, seismic and fatigue) in cracked or uncracked concrete, including applications in nuclear power plants
- Fastenings to support heavy pipes, crane rails, dorm structures, crash barriers, roof fixings, elevator tracks, bridge retrofitting etc.
- Combines the advantages of a post-installed mechanical anchor, i.e. flexibility and immediate loading, with the performance of a cast-in-place headed stud
- Close spacing and small edge distance thanks to low expansion forces

Technical data

Head configuration	Externally threaded
Environmental conditions	Indoor, dry conditions
Type of fastening	Through-fastening
Material composition	Bolt: steel, 8.8 grade, zinc-plated (min. 5 µm)
Installation direction	All
IBC compliance	IBC 2003, IBC 2006, IBC 2009, IBC 2012
PROFIS software	Yes
Leadership in energy and environmental design	Yes
Additional product information	Meets approval requirements when installed using the specified stop drill bit, setting tool and rotary hammer
Material, corrosion	Steel, zinc-plated



Ordering designation	Anchor size	Base plate clearance hole	Wrench size	Washer size	Anchor length	Length identification mark	Sales pack quantity	Item number
HDA-T M12x125/30	M12	23 mm	19 mm	32 mm	190 mm	L	8 pc	331548
HDA-T M16x190/40	M16	32 mm	24 mm	45 mm	275 mm	R	4 pc	331552

Setting tool – required for installation of HDA undercut anchors TE-Y-HDA-ST



KEY APPLICATIONS & ADVANTAGES

- Automatic self-undercutting operation for installation of HDA undercut anchors

Technical data

Dispenser, setting tool, accessory, tester type	Setting tools
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Ordering designation	Connection end	Package contents	Sales pack quantity	Item number
TE-Y-HDA ST 30-M16	TE-Y	1x Setting tool ST30-M16/Y	1 pc	331846

Stop drill bit – required for installation of HDA undercut anchors TE-Y-HDA-B



KEY APPLICATIONS & ADVANTAGES

- Drilling HDA anchor holes to the defined depth

Technical data

Dispenser, setting tool, accessory, tester type	Stop drill bits
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Ordering designation	Connection end	Sales pack quantity	Item number
TE-Y-HDA-B 30x190	TE-Y	1 pc	332097

Standard stud anchor HSV



KEY APPLICATIONS & ADVANTAGES

- Wide range of applications in uncracked concrete
- Made from cold-formed carbon steel, zinc-plated to 5µm
- Two embedment depths for a wide range of fastening thicknesses

Technical data

Head configuration	Externally threaded
Environmental conditions	Indoor, dry conditions
Type of fastening	Pre-fastening, Through-fastening
Material composition	Steel, zinc-plated (min. 5 µm)
Installation direction	All
Material, corrosion	Steel, zinc-plated
Accessories	HSV/ HSA/ HST/ KB3/ KB-TZ

Ordering designation	Anchor size	Anchor length	Base plate clearance hole	Wrench/nut size	Socket size	Wrench size	Sales pack quantity	Item number
HSV M8x75	M8	75 mm	9 mm	13 mm	13 mm	13 mm	100 pc	2041604
HSV M10x90	M10	90 mm	12 mm	17 mm	17 mm	17 mm	50 pc	2041605
HSV M12x110	M12	110 mm	14 mm	19 mm	19 mm	19 mm	30 pc	2041608
HSV M12x120	M12	120 mm	14 mm	19 mm	19 mm	19 mm	30 pc	2041609
HSV M16x120	M16	120 mm	18 mm	24 mm	24 mm	24 mm	16 pc	2041611
HSV M16x140	M16	140 mm	18 mm	24 mm	24 mm	24 mm	16 pc	2041612

Standard expansion anchor for uncracked concrete (CS) HSA



KEY APPLICATIONS & ADVANTAGES

- Fastening facade brackets
- Fastening columns and beams
- Fastening brackets and channels
- High loads (optimal utilization of concrete strength)
- 3 embedment depths offering maximum flexibility

Technical data

Head configuration	Externally threaded
Environmental conditions	Indoor, dry conditions
Type of fastening	Pre-fastening, Through-fastening
Material composition	Steel, zinc-plated (min. 5 µm)
Installation direction	All
Tested/approved for diamond drilling	Yes
PROFIS software	Yes
Leadership in energy and environmental design	Yes
Material, corrosion	Steel, zinc-plated
Accessories	HSV/ HSA/ HST/ KB3/ KB-TZ

Approvals

ETA
Fire resistance
Approvals and test reports may apply to selected products only. Please refer to the documents for details.



Ordering designation	Anchor size	Anchor length	Base plate clearance hole	Socket size	Wrench size	Thread length	Sales pack quantity	Item number
HSA M6x65 20/10/-	M6	65 mm	7 mm	10 mm	10 mm	30 mm	200 pc	2036085
HSA M6 x 85 40/30/10	M6	85 mm	7 mm	10 mm	10 mm	50 mm	100 pc	2036086
HSA M8x55 5/-/-	M8	55 mm	9 mm	13 mm	13 mm	17 mm	100 pc	2004122
HSA M8x70 20/10/-	M8	70 mm	9 mm	13 mm	13 mm	32 mm	100 pc	2004123
HSA M8x85 35/25/-	M8	85 mm	9 mm	13 mm	13 mm	47 mm	80 pc	2004124
HSA M8x130 80/70/40	M8	130 mm	9 mm	13 mm	13 mm	92 mm	50 pc	2004126
HSA M10x68 5/-/-	M10	68 mm	12 mm	17 mm	17 mm	19 mm	50 pc	2004127
HSA M10x83 20/10/-	M10	83 mm	12 mm	17 mm	17 mm	34 mm	50 pc	2004128
HSA M10x98 35/25/-	M10	98 mm	12 mm	17 mm	17 mm	49 mm	40 pc	2004129
HSA M10x168 105/95/65	M10	168 mm	12 mm	17 mm	17 mm	116 mm	25 pc	2004153
HSA M12x85 5/-/-	M12	85 mm	14 mm	19 mm	19 mm	22 mm	25 pc	2004154
HSA M12x100 20/5/-	M12	100 mm	14 mm	19 mm	19 mm	37 mm	25 pc	2004155
HSA M12x115 35/20/-	M12	115 mm	14 mm	19 mm	19 mm	52 mm	25 pc	2004156
HSA M12x145 65/50/15	M12	145 mm	14 mm	19 mm	19 mm	82 mm	25 pc	2004157
HSA M12x175 95/80/45	M12	175 mm	14 mm	19 mm	19 mm	112 mm	25 pc	2004158
HSA M12x225 145/130/95	M12	225 mm	14 mm	19 mm	19 mm	162 mm	25 pc	2004160
HSA M16x102 5/-/-	M16	102 mm	18 mm	24 mm	24 mm	26 mm	16 pc	2004161
HSA M16x117 20/5/-	M16	117 mm	18 mm	24 mm	24 mm	41 mm	16 pc	2004162
HSA M16x137 40/25/-	M16	137 mm	18 mm	24 mm	24 mm	61 mm	16 pc	2004163
HSA M16x182 85/70/30	M16	182 mm	18 mm	24 mm	24 mm	106 mm	16 pc	2004164
HSA M16x232 135/120/80	M16	232 mm	18 mm	24 mm	24 mm	156 mm	16 pc	2004165
HSA M20x125 10/-/-	M20	125 mm	22 mm	30 mm	30 mm	36 mm	10 pc	2036088
HSA M20x170 55/30/15	M20	170 mm	22 mm	30 mm	30 mm	81 mm	10 pc	2036089

Ultimate-performance expansion anchor for cracked concrete and seismic (CS) HST3



KEY APPLICATIONS & ADVANTAGES

- All safety-relevant fastenings in cracked and uncracked concrete
- All safety-relevant fastenings in seismic loading conditions, category C1 for non-structural elements and category C2 for structural elements
- Structural steel
- Highest resistance to meet geometrically challenging requirements, e.g. reduced member thickness, smallest spacing and edge distances
- Increased undercut percentage in combination with optimized coating



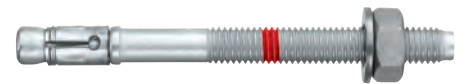
Technical data

Head configuration	Externally threaded
Material composition	Steel, zinc-plated (min. 5 µm)
Tested/approved for diamond drilling	Yes, with DD-EC1 and DD 30-W
PROFIS software	Yes
Leadership in energy and environmental design	Yes
Material, corrosion	Steel, zinc-plated
Accessories	HSV/ HSA/ HST/ KB3/ KB-TZ
Installation tools	DD EC-1, TE 30-C-AVR

Approvals

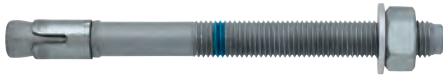
ETA, Seismic

Approvals and test reports may apply to selected products only. Please refer to the documents for details.



Ordering designation	Anchor size	Anchor length	Base plate clearance hole	Wrench/nut size	Socket size	Wrench size	Sales pack quantity	Item number
HST3 M8x95 -/30	M8	95 mm	9 mm	13 mm	13 mm	13 mm	80 pc	2105889
HST3 M10x90 30/10	M10	90 mm	12 mm	17 mm	17 mm	17 mm	50 pc	2105712
HST3 M12x115 40/20	M12	115 mm	14 mm	19 mm	19 mm	19 mm	25 pc	2105719
HST3 M12x145 70/50	M12	145 mm	14 mm	19 mm	19 mm	19 mm	25 pc	2105851
HST3 M16x145 45/25	M16	145 mm	18 mm	24 mm	24 mm	24 mm	12 pc	2105859
HST3 M16x170 70/50	M16	170 mm	18 mm	24 mm	24 mm	24 mm	12 pc	2105860
HST3 M16x220 120/100	M16	220 mm	18 mm	24 mm	24 mm	24 mm	12 pc	2105861
HST3 M20x170 -/30	M20	170 mm	22 mm	30 mm	30 mm	30 mm	5 pc	2105891
HST3 M20x200 -/60	M20	200 mm	22 mm	30 mm	30 mm	30 mm	5 pc	2105892
HST3 M24x230 -/60	M24	230 mm	26 mm	36 mm	36 mm	36 mm	5 pc	2105895

Standard expansion anchor for uncracked concrete (hot-dip galvanized) HSA-F



KEY APPLICATIONS & ADVANTAGES

- Fastening brackets and channels
- Fastening columns and beams
- Wide range of fastening applications in concrete
- Fast, convenient and reliable torquing using SIW 14-A or 22-A impact wrench with S-TB
- Suitable for presetting and through-fastening in uncracked concrete

Technical data

Head configuration	Externally threaded
Environmental conditions	Indoor, damp conditions
Type of fastening	Pre-fastening, Through-fastening
Material composition	Steel, hot-dip galvanized (min. 35 µm)
Installation direction	All
Tested/approved for diamond drilling	Yes
Leadership in energy and environmental design	Yes
Material, corrosion	Steel, sherardised / hot-dip galvanized
Accessories	HSV/ HSA/ HST/ KB3/ KB-TZ



Ordering designation	Anchor size	Anchor length	Base plate clearance hole	Socket size	Thread length	Length identification mark	Sales pack quantity	Item number
HSA-F M8x70 20/10/-	M8	70 mm	9 mm	13 mm	32 mm	w	100 pc	2004114
HSA-F M8x85 35/25/-	M8	85 mm	9 mm	13 mm	47 mm	t	80 pc	2004115
HSA-F M10x68 5/-/-	M10	68 mm	12 mm	17 mm	19 mm	z	50 pc	2004118
HSA-F M10x83 20/10/-	M10	83 mm	12 mm	17 mm	34 mm	w	50 pc	2004119
HSA-F M10x98 35/25/-	M10	98 mm	12 mm	17 mm	49 mm	t	40 pc	2004170
HSA-F M12x100 20/5/-	M12	100 mm	14 mm	19 mm	37 mm	w	25 pc	2004173
HSA-F M12x145 65/50/15	M12	145 mm	14 mm	19 mm	82 mm	n	25 pc	2004175
HSA-F M16x102 5/-/-	M16	102 mm	18 mm	24 mm	26 mm	z	16 pc	2004177
HSA-F M16x182 85/70/30	M16	182 mm	18 mm	24 mm	106 mm	J	16 pc	2004179

Standard expansion anchor for uncracked concrete (SS304) HSA-R2



KEY APPLICATIONS & ADVANTAGES

- Fastening facade brackets
- Fastening brackets and channels
- Fastening columns and beams
- High loads (optimal utilization of the concrete strength)
- 3 embedment depths offering maximum flexibility

Technical data

Head configuration	Externally threaded
Type of fastening	Pre-fastening, Through-fastening
Material composition	Steel, A2 (SS 304)
Installation direction	All
Tested/approved for diamond drilling	Yes
PROFIS software	Yes
Leadership in energy and environmental design	Yes
Material, corrosion	Steel, stainless
Accessories	HSV/ HSA/ HST/ KB3/ KB-TZ
Installation tools	TE 30-C-AVR, TE 30-M AVR, SIW 22-A, TE 30-A36



Ordering designation	Anchor size	Anchor length	Base plate clearance hole	Required tightening torque	Socket size	Wrench size	Sales pack quantity	Item number
HSA-R2 M8x70 20/10/-	M8	70 mm	9 mm	15 Nm	13 mm	13 mm	100 pc	2004218
HSA-R2 M10x83 20/10/-	M10	83 mm	12 mm	25 Nm	17 mm	17 mm	50 pc	2004219
HSA-R2 M12x115 35/20/-	M12	115 mm	14 mm	50 Nm	19 mm	19 mm	25 pc	2004221
HSA-R2 M16x137 40/25/-	M16	137 mm	18 mm	80 Nm	24 mm	24 mm	16 pc	2004222

Standard expansion anchor for uncracked concrete (SS316) HSA-R



KEY APPLICATIONS & ADVANTAGES

- Fastening facade brackets
- Fastening columns and beams
- Fastening brackets and channels
- High loads (optimal utilization of the concrete strength)
- 3 embedment depths offering maximum flexibility



Technical data

Head configuration	Externally threaded
Environmental conditions	Outdoor
Type of fastening	Pre-fastening, Through-fastening
Material composition	Steel, A4 (SS316)
Installation direction	All
Tested/approved for diamond drilling	Yes
PROFIS software	Yes
Leadership in energy and environmental design	Yes
Material, corrosion	Steel, stainless
Accessories	HSV/ HSA/ HST/ KB3/ KB-TZ

Ordering designation	Anchor size	Anchor length	Base plate clear- ance hole	Socket size	Wrench size	Thread length	Sales pack quantity	Item number
HSA-R M6x50 5/-/-	M6	50 mm	7 mm	10 mm	10 mm	15 mm	200 pc	2036314
HSA-R M8x55 5/-/-	M8	55 mm	9 mm	13 mm	13 mm	17 mm	100 pc	2004197
HSA-R M8x70 20/10/-	M8	70 mm	9 mm	13 mm	13 mm	32 mm	100 pc	2004198
HSA-R M8x85 35/25/-	M8	85 mm	9 mm	13 mm	13 mm	47 mm	80 pc	2004199
HSA-R M8x105 55/45/15	M8	105 mm	9 mm	13 mm	13 mm	67 mm	50 pc	2004200
HSA-R M10x68 5/-/-	M10	68 mm	12 mm	17 mm	17 mm	19 mm	50 pc	2004201
HSA-R M10x83 20/10/-	M10	83 mm	12 mm	17 mm	17 mm	34 mm	50 pc	2004202
HSA-R M10x113 50/40/10	M10	113 mm	12 mm	17 mm	17 mm	64 mm	40 pc	2004204
HSA-R M12x100 20/5/-	M12	100 mm	14 mm	19 mm	19 mm	37 mm	25 pc	2004208
HSA-R M12x115 35/20/-	M12	115 mm	14 mm	19 mm	19 mm	52 mm	25 pc	2004209
HSA-R M16x102 5/-/-	M16	102 mm	18 mm	24 mm	24 mm	26 mm	16 pc	2004214
HSA-R M16x137 40/25/-	M16	137 mm	18 mm	24 mm	24 mm	61 mm	16 pc	2004216
HSA-R M16x182 85/70/30	M16	182 mm	18 mm	24 mm	24 mm	106 mm	16 pc	2004217
HSA-R M20x170 55/30/-	M20	170 mm	22 mm	30 mm	30 mm	81 mm	10 pc	2036318

Ultimate-performance heavy-duty expansion anchor (CS + hex head) HSL-3



KEY APPLICATIONS & ADVANTAGES

- Heavy-duty fastenings in high safety-relevant or dynamic applications, including applications in nuclear power plants
- Applications where extensive approval back-up or technical back-up is required, e.g. machines, heavy equipment, steel columns, heavy pipe supports, pumps, beam supports, medical equipment, cantilevers, cranes, car hoists, etc.
- Heavy-duty applications, e.g. machines, heavy equipment, steel columns, heavy pipe supports, pumps, beam supports, medical equipment, cantilevers, cranes, car hoists, etc.
- High tension and shear load capacities
- Force-controlled expansion which allows follow-up expansion

Technical data

Head configuration	Hex head
Environmental conditions	Indoor, dry conditions
Type of fastening	Through-fastening
Material composition	Steel, zinc-plated (min. 5 µm), Bolt: steel, 8.8 grade, zinc-plated (min. 5 µm)
Tested/approved for diamond drilling	Yes
IBC compliance	IBC 2003, IBC 2006, IBC 2009, IBC 2012
PROFIS software	Yes
Leadership in energy and environmental design	Yes
Additional product information	Manufactured under a nuclear quality assurance program according to ASME NQA-1 and 10CFR50 App. B
Material, corrosion	Steel, zinc-plated



Ordering designation	Anchor size	Anchor length	Base plate clearance hole	Wrench size	Min. embedment depth	Sales pack quantity	Item number
HSL-3 M8/40	M8	118 mm	14 mm	13 mm	60 mm	40 pc	371776
HSL-3 M10/20	M10	110 mm	17 mm	17 mm	70 mm	20 pc	371778
HSL-3 M10/40	M10	130 mm	17 mm	17 mm	70 mm	20 pc	371779
HSL-3 M12/25	M12	131 mm	20 mm	19 mm	80 mm	20 pc	371781
HSL-3 M12/50	M12	156 mm	20 mm	19 mm	80 mm	10 pc	371782
HSL-3 M16/25	M16	153 mm	26 mm	24 mm	100 mm	10 pc	371784
HSL-3 M16/50	M16	178 mm	26 mm	24 mm	100 mm	10 pc	371785
HSL-3 M20/30	M20	183 mm	31 mm	30 mm	125 mm	6 pc	371787
HSL-3 M20/60	M20	213 mm	31 mm	30 mm	125 mm	6 pc	371788

Heavy-duty anchor HSL-3-B



KEY APPLICATIONS & ADVANTAGES

- Heavy-duty fastenings in highly safety-relevant or dynamic applications, including applications in nuclear power plants
- Applications where extensive approval back-up or technical back-up is required, e.g. machines, heavy equipment, steel columns, heavy pipe supports, pumps, beam supports, medical equipment, cantilevers, cranes, car hoists, etc.
- High tension and shear load capacity
- Force-controlled expansion which allows follow-up expansion

Technical data

Head configuration	Safety cap (torque cap)
Environmental conditions	Indoor, dry conditions
Type of fastening	Through-fastening
Material composition	Steel, zinc-plated (min. 5 µm), Bolt: steel, 8.8 grade, zinc-plated (min. 5 µm)
Tested/approved for diamond drilling	Yes
IBC compliance	IBC 2003, IBC 2006, IBC 2009, IBC 2012
PROFIS software	Yes
Leadership in energy and environmental design	Yes
Additional product information	Manufactured under a nuclear quality assurance program according to ASME NQA-1 and 10CFR50 App. B
Material, corrosion	Steel, zinc-plated



Ordering designation	Anchor size	Anchor length	Base plate clearance hole	Wrench size	Min. embedment depth	Sales pack quantity	Item number
HSL-3-B M12/25	M12	137 mm	20 mm	24 mm	80 mm	20 pc	371808
HSL-3-B M24/60	M24	241 mm	35 mm	41 mm	150 mm	4 pc	371818

Ultimate-performance heavy-duty expansion anchor (CS + countersunk) HSL-3-SK



KEY APPLICATIONS & ADVANTAGES

- Fastenings in safety-relevant and/or dynamic applications where a flush installation or aesthetic appearance is required, including applications in nuclear power plants
- Applications where extensive approval back-up or technical back-up is required
- Various uses such as for medical equipment, hand rails, machines, car hoists, safety fences, pumps, etc.
- Aesthetic appearance and no tripping hazard due to flush installation
- High tensile and shear load capacity, force-controlled expansion allows follow-up expansion

Technical data

Head configuration	Countersunk
Environmental conditions	Indoor, dry conditions
Type of fastening	Through-fastening
Material composition	Steel, zinc-plated (min. 5 µm), Bolt: steel, 8.8 grade, zinc-plated (min. 5 µm)
Tested/approved for diamond drilling	Yes
IBC compliance	IBC 2003, IBC 2006, IBC 2009, IBC 2012
PROFIS software	Yes
Leadership in energy and environmental design	Yes
Additional product information	Manufactured under a nuclear quality assurance program according to ASME NQA-1-2000 and 10CFR50 App. B
Material, corrosion	Steel, zinc-plated



Ordering designation	Anchor size	Anchor length	Base plate clearance hole	Socket size	Min. embedment depth	Sales pack quantity	Item number
HSL-3-SK M10/20	M10	102 mm	17 mm	6 mm	70 mm	20 pc	371827
HSL-3-SK M12/25	M12	120 mm	20 mm	8 mm	80 mm	20 pc	371828

Torque bar S-TB



Ordering designation	Weight	Sales pack quantity	Item number
S-TB HSA M8	0.11 kg	1 pc	423774
S-TB HSA M10	0.12 kg	1 pc	423775
S-TB HSA M12	0.12 kg	1 pc	423776
S-TB HSA M16	0.13 kg	1 pc	423777

Machine setting tool for stud anchors HSV/ HSA/ HST/ KB3/ KB-TZ



Ordering designation	Package contents	Sales pack quantity	Item number
Setting tool HS-SC 150	1x Setting tool HS-SC 150	1 pc	337918

Accessories for Expansion Anchors

Ordering designation				Sales pack quantity	Item number
	HSA	HST3	HSA-R2		
Setting tool HS-SC 150	■	■	■	1 pc	337918

Flush-set anchor without lip (carbon steel) HKV



Ordering designation	Internal thread size	Thread engagement depth - min.	Max. tightening torque	Anchor length	Sales pack quantity	Item number
HKV M6x25	6 mm	6 mm	4 Nm	25 mm	100 pc	2127709
HKV M8x30	8 mm	8 mm	8 Nm	30 mm	100 pc	2127980
HKV M10x30	10 mm	10 mm	15 Nm	30 mm	50 pc	2127981
HKV M10x40	10 mm	10 mm	15 Nm	40 mm	50 pc	2127982
HKV M12x50	12 mm	12 mm	35 Nm	50 mm	25 pc	2127983
HKV M16x65	16 mm	16 mm	60 Nm	65 mm	25 pc	2127984

Economical manual flush-set anchor without lip (carbon steel) HKV



KEY APPLICATIONS & ADVANTAGES

- Medium-duty anchor for use with anchor bolts and threaded rods, e.g. suspension systems for pipes, air ducts and sprinkler systems etc.
- Fastening diamond core drilling rigs / base plates (M16 only - DD120 and up)
- No collar - can be set at greater depth
- No damage to the thread when tapping in and expanding

Technical data

Head configuration	Inner thread
Environmental conditions	Indoor, dry conditions
Type of fastening	Pre-fastening
Material composition	Steel, zinc-plated (min. 5 µm)
Installation direction	All
Material, corrosion	Steel, zinc-plated
Accessories	HSD-G
Installation tools	TE 4-A22

Ordering designation	Internal thread size	Base plate clearance hole	Max. tightening torque	Packaging	Anchor length	Thread length	Sales pack quantity	Item number
HKV M6x25	6 mm	7 mm	3 Nm	Bag	25 mm	13 mm	100 pc	384616
HKV M8x30	8 mm	9 mm	7 Nm	Bag	30 mm	15 mm	100 pc	384966
HKV M10x30	10 mm	12 mm	15 Nm	Bag	30 mm	14 mm	50 pc	384968

Drop-in (flush) anchor HKD



KEY APPLICATIONS & ADVANTAGES

- For medium-duty loads with anchor bolts and threaded rods, e.g. suspension systems for pipes, air ducts, sprinkler systems etc.
- For redundant fastening applications in cracked concrete or single-point applications in uncracked concrete
- “Intelligent” stepped expansion cone allows easy, correct setting even in harder materials
- Available in a variety of sizes for maximum suitability for a wide range of applications



Technical data	
Head configuration	Inner thread
Environmental conditions	Indoor, dry conditions
Type of fastening	Pre-fastening
Material composition	Steel, zinc-plated (min. 5 µm)
Installation direction	All
Suitable for cracked concrete with redundant fastenings	Yes
PROFIS software	Yes
Material, corrosion	Steel, zinc-plated
Accessories	HSD-G
Installation tools	TE 4-A22

Approvals

ETA
ETA, Fire resistance
 Approvals and test reports may apply to selected products only. Please refer to the documents for details.



Ordering designation	Internal thread size	Base plate clearance hole	Packaging	Anchor length	Thread length	Sales pack quantity	Item number
HKD M6x25	6 mm	7 mm	Box	25 mm	12 mm	100 pc	376894
M8 HKD Activation Combo Cordless - 2	8 mm	9 mm				1 pc	3545208
HKD M8x25	8 mm	9 mm	Box	25 mm	12 mm	100 pc	376957
HKD M10x40	10 mm	12 mm	Box	40 mm	18 mm	50 pc	376967
HKD M10x25	10 mm	12 mm	Box	25 mm	12 mm	100 pc	2037453
M10 Replishment Combo	10 mm	12 mm				100 pc	3533037
HKD M10x30 bucket	10 mm	12 mm	Bucket	30 mm	13 mm	500 pc	376966
HKD M10x40 bucket	10 mm	12 mm	Bucket	40 mm	18 mm	500 pc	378430
HKD M12x50	12 mm	14 mm	Box	50 mm	24 mm	50 pc	378544
HKD M12x25	12 mm	14 mm	Box	25 mm	12 mm	100 pc	378431
HKD M16x65	16 mm	18 mm	Box	65 mm	31 mm	25 pc	382941

Drop-in anchor HKD-SR



KEY APPLICATIONS & ADVANTAGES

- For medium-duty loads with anchor bolts and threaded rods, e.g. suspension systems for pipes, air ducts, sprinkler systems etc.
- For redundant fastening applications in cracked concrete or single-point applications in uncracked concrete
- Available in a variety of sizes for maximum suitability for a wide range of applications
- Visual check for correct setting when used with the Hilti setting tool

Technical data

Head configuration	Inner thread
Environmental conditions	Outdoor
Type of fastening	Pre-fastening
Material composition	Steel, A4 (SS316)
Installation direction	All
Suitable for cracked concrete with redundant fastenings	Yes
PROFIS software	Yes
Material, corrosion	Steel, stainless
Accessories	HSD-G

Ordering designation	Internal thread size	Max. tightening torque	Packaging	Anchor length	Thread length	Useable thread length	Sales pack quantity	Item number
HKD-SR M6x25	6 mm	4 Nm	Box	25 mm	12 mm	12 mm	100 pc	247951
HKD-SR M8x30	8 mm	8 Nm	Box	30 mm	15 mm	15 mm	100 pc	247952
HKD-SR M10x40	10 mm	15 Nm	Box	40 mm	18 mm	18 mm	50 pc	247953
HKD-SR M12x50	12 mm	35 Nm	Box	50 mm	22 mm	22 mm	50 pc	247954
HKD-SR M16x65	16 mm	60 Nm	Box	65 mm	31 mm	31 mm	25 pc	247955

Setting tool (HSD-G) HSD-G



Ordering designation	Package contents	Sales pack quantity	Item number
Setting tool HSD-G M8 5/16"X30	1x Setting tool HSD 8-5/16x25/30 assy	1 pc	243740
Setting tool HSD-G M6 1/4"X25	1x Setting tool HSD 6X25 assy	1 pc	243738
Setting tool HSD-G M10 3/8"X30	1x Setting tool HSD 10-3/8x25/30 assy	1 pc	230935
Setting tool HSD-G M10 3/8"X40	1x Setting tool HSD 10-3/8X40 assy	1 pc	243742
Setting tool HSD-G M12 1/2"X50	1x Setting tool HSD 12-1/2X50 assy	1 pc	243743
Setting tool HSD-G M16 5/8"X65	1x Setting tool HSD 16-5/8 X65 assy	1 pc	243744
Setting tool HSD-G M20 3/4"X80	1x Setting tool HSD 20-3/4X80 assy	1 pc	243745

Setting tool HKD-TE-CX

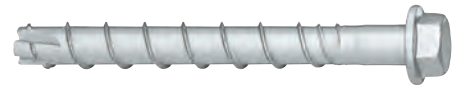


SDS plus



Ordering designation	Diameter	Length	Suitable for anchor size	Sales pack quantity	Item number
HKD-TE-CX M6 1/4"x25	8 mm	142 mm	M6x25	1 pc	414472
HKD-TE-CX M8x25	10 mm	162 mm	M8x25	1 pc	414475
HKD-TE-CX M10x25	12 mm	162 mm	M10x25	1 pc	414480
HKD-TE-CX M12x25	15 mm	200 mm	HKD 12/25	1 pc	2097386

Ultimate-performance screw anchor with hex head (corrosion resistant) HUS3-HF 8/10/14



Ordering designation	Anchor size	Wrench/nut size	Socket size	Wrench size	Anchor length	Embedment depth 1	Sales pack quantity	Item number
HUS3-HF 10x60 5/-/-	10	15 mm	15 mm	15 mm	60 mm	55 mm	50 pc	2079925
HUS3-HF 10x80 25/5/	10	15 mm	15 mm	15 mm	80 mm	55 mm	50 pc	2079926
HUS3-HF 10x100 45/25/15	10	15 mm	15 mm	15 mm	100 mm	55 mm	50 pc	2079927
HUS3-HF 10x110 55/35/25	10	15 mm	15 mm	15 mm	110 mm	55 mm	50 pc	2079928
HUS3-HF 14x75 10/-/-	14	21 mm	21 mm	21 mm	75 mm	65 mm	16 pc	2079929
HUS3-HF 14x100 35/15/-	14	21 mm	21 mm	21 mm	100 mm	65 mm	16 pc	2079930

HRG tube, metric HRG 8/10/14/16



KEY APPLICATIONS & ADVANTAGES

- Temporary applications on all grades of concrete
- Indicates whether the screw anchor can be reused
- Always available on site in combination with the SIW 22T-A and SIW 22-A

Technical data

Head configuration	n/a
Material composition	Steel, zinc-plated (min. 5 µm)
Installation tools	SIW 22T-A 1/2"

Ordering designation	Anchor size	Package contents	Sales pack quantity	Item number
Check gauge HRG 8	HUS 8	1x Check gauge HRG 8 assy	1 pc	2092003
Check gauge HRG 10	HUS 10	1x Check gauge HRG 10 assy	1 pc	2090674
Check gauge HRG 14	HUS 14	1x Check gauge HRG 14 assy	1 pc	2090675

Ultimate-performance screw anchor with countersunk head (carbon steel) HUS3-C 8/10



KEY APPLICATIONS & ADVANTAGES

- Railings and balustrades
- Architectural metal
- Seismic approval ETA C1
- Reduced edge and spacing distances

Technical data

Head configuration	Countersunk Torx
Material composition	Steel, zinc-plated (min. 5 µm)
Tested/approved for diamond drilling	No
Suitable for cracked concrete with redundant fastenings	Yes
PROFIS software	Yes
Material, corrosion	Carbon steel
Installation tools	SIW 22T-A 1/2"



Ordering designation	Anchor size	Bit size	Anchor length	Embedment depth 1	Embedment depth 2	Embedment depth 3	Sales pack quantity	Item number
HUS3-C 8x65 15/-/-	8	T45	65 mm	50 mm			50 pc	2079931
HUS3-C 8x75 25/15/-	8	T45	75 mm	50 mm	60 mm	70 mm	50 pc	2079932
HUS3-C 8x85 35/25/15	8	T45	85 mm	50 mm	60 mm	70 mm	50 pc	2079933
HUS3-C 10x70 15/-/-	10	T50	70 mm	55 mm			50 pc	2079934
HUS3-C 10x90 35/15/-	10	T50	90 mm	55 mm	75 mm		50 pc	2079935
HUS3-C 10x100 45/25/15	10	T50	100 mm	55 mm	75 mm	85 mm	50 pc	2079936

Ultimate-performance screw anchor with hex head (carbon steel) HUS3-H 8/10/14



KEY APPLICATIONS & ADVANTAGES

- Structural steel applications
- Railings and handrails
- Temporary applications
- Adjustable screw: ETA approval for adjustability
- New cutting edge for easier setting and new geometry allows 60% higher loads

Technical data

Head configuration	Hex head
Material composition	Steel, zinc-plated (min. 5 µm)
Tested/approved for diamond drilling	No
Suitable for cracked concrete with redundant fastenings	Yes
PROFIS software	Yes
Material, corrosion	Steel, zinc-plated
Accessories	HRG 8/10/14/16
Installation tools	SIW 22T-A 1/2"

Approvals

DIBt

ETA

Approvals and test reports may apply to selected products only. Please refer to the documents for details.



Ordering designation	Anchor size	Wrench/nut size	Wrench size	Anchor length	Embedment depth 1	Embedment depth 2	Sales pack quantity	Item number
HUS3-H 8x55 5/-/-	8	13 mm	13 mm	55 mm	50 mm		50 pc	2079794
HUS3-H 8x65 15/5/-	8	13 mm	13 mm	65 mm	50 mm	60 mm	50 pc	2079795
HUS3-H 8x75 25/15/5	8	13 mm	13 mm	75 mm	50 mm	60 mm	50 pc	2079796
HUS3-H 8x85 35/25/15	8	13 mm	13 mm	85 mm	50 mm	60 mm	50 pc	2079797
HUS3-H 8x100 50/40/30	8	13 mm	13 mm	100 mm	50 mm	60 mm	50 pc	2079798
HUS3-H 8x120 70/60/50	8	13 mm	13 mm	120 mm	50 mm	60 mm	50 pc	2079799
HUS3-H 8x150 100/90/80	8	13 mm	13 mm	150 mm	50 mm	60 mm	50 pc	2079910
HUS3-H 10x60 5/-/-	10	15 mm	15 mm	60 mm	55 mm		50 pc	2079911
HUS3-H 10x70 15/-/-	10	15 mm	15 mm	70 mm	55 mm		50 pc	2079912
HUS3-H 10x80 25/5/-	10	15 mm	15 mm	80 mm	55 mm	75 mm	50 pc	2079913
HUS3-H 10x90 35/15/5	10	15 mm	15 mm	90 mm	55 mm	75 mm	50 pc	2079914
HUS3-H 10x100 45/25/15	10	15 mm	15 mm	100 mm	55 mm	75 mm	50 pc	2079915
HUS3-H 10x110 55/35/25	10	15 mm	15 mm	110 mm	55 mm	75 mm	50 pc	2079916
HUS3-H 10x130 75/55/45	10	15 mm	15 mm	130 mm	55 mm	75 mm	50 pc	2079917
HUS3-H 10x150 95/75/65	10	15 mm	15 mm	150 mm	55 mm	75 mm	50 pc	2079918
HUS3-H 14x75 10/-/-	14	21 mm	21 mm	75 mm	65 mm		16 pc	2079921
HUS3-H 14x100 35/15/-	14	21 mm	21 mm	100 mm	65 mm	85 mm	16 pc	2079922
HUS3-H 14x130 65/45/15	14	21 mm	21 mm	130 mm	65 mm	85 mm	16 pc	2079923
HUS3-H 14x150 85/65/35	14	21 mm	21 mm	150 mm	65 mm	85 mm	16 pc	2079924

Screw anchor HUS-V



KEY APPLICATIONS & ADVANTAGES

- Base plate fastening in steel and metal applications
- Railings and handrails
- Formwork and bracing
- Higher productivity - less drilling and fewer operations than with conventional anchors
- Technical data for cracked and un-cracked concrete

Technical data

Head configuration	Hex head
Material composition	Steel, zinc-plated (min. 5 µm)
Tested/approved for diamond drilling	No
Suitable for cracked concrete with redundant fastenings	No
PROFIS software	No
Accessories	HRG 8/10/14/16
Installation tools	SIW 22T-A 1/2"

Ordering designation	Anchor size	Wrench/nut size	Socket size	Wrench size	Anchor length	Embedment depth 1	Sales pack quantity	Item number
HUS-V 8x55 5/-	8	13 mm	13 mm	13 mm	55 mm	50 mm	50 pc	2079937
HUS-V 8x75 25/10	8	13 mm	13 mm	13 mm	75 mm	50 mm	50 pc	2079938
HUS-V 8x85 35/20	8	13 mm	13 mm	13 mm	85 mm	50 mm	50 pc	2079939
HUS-V 8x95 45/30	8	13 mm	13 mm	13 mm	95 mm	50 mm	50 pc	2079940
HUS-V 10x60 5/-	10	15 mm	15 mm	15 mm	60 mm	55 mm	50 pc	2079941
HUS-V 10x85 30/10	10	15 mm	15 mm	15 mm	85 mm	55 mm	50 pc	2079942
HUS-V 10x95 40/20	10	15 mm	15 mm	15 mm	95 mm	55 mm	50 pc	2079943
HUS-V 10x105 50/30	10	15 mm	15 mm	15 mm	105 mm	55 mm	50 pc	2079944

Ultimate-performance screw anchor with hex head (carbon steel) HUS3-H 6



KEY APPLICATIONS & ADVANTAGES

- Fastening channels directly to the ceiling for the installation of pipes or ventilation ducts
- Fastening handrails, railings and other ornamental steelwork
- Suitable for repetitive installation tasks
- Reduced edge and spacing distances
- Removable and thus a perfect solution for temporary fastenings

Technical data

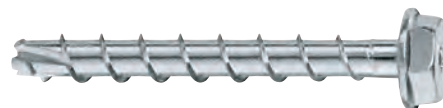
Head configuration	Torx hex head
Environmental conditions	Indoor, dry conditions
Type of fastening	Through-fastening
Material composition	Steel, zinc-plated (min. 5 µm)
Installation direction	All
Suitable for cracked concrete with redundant fastenings	Yes
PROFIS software	Yes
Material, corrosion	Steel, zinc-plated
Installation tools	SID 14-A, SIW 14-A, SID 22-A, SIW 22-A

Approvals

ETA

ETA, Fire resistance

Approvals and test reports may apply to selected products only. Please refer to the documents for details.



Ordering designation	Anchor size	Wrench size	Bit size	Anchor length	Embedment depth 1	Embedment depth 2	Sales pack quantity	Item number
HUS3-H 6x80/25/45	6	13 mm	T30	80 mm	35 mm	55 mm	100 pc	416737
HUS3-H 6x100/45/65	6	13 mm	T30	100 mm	35 mm	55 mm	100 pc	416738

Ultimate-performance screw anchor with hex head (carbon steel) HUS-H 10



KEY APPLICATIONS & ADVANTAGES

- Base plate fastening in steel and metal construction
- Formwork
- Removable fastenings
- Reduced edge and spacing distances
- Hexagonal head with integrated washer for neat appearance when fastening through in-place parts

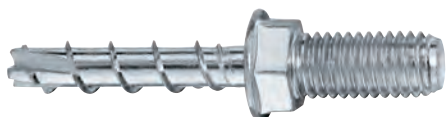


Technical data

Head configuration	Hex head
Environmental conditions	Indoor, dry conditions
Type of fastening	Through-fastening
Material composition	Steel, zinc-plated (min. 5 µm)
Installation direction	All
Tested/approved for diamond drilling	No
PROFIS software	Yes
Material, corrosion	Steel, zinc-plated
Installation tools	SIW 22T-A 1/2"

Ordering designation	Anchor size	Wrench size	Anchor length	Embedment depth 1	Embedment depth 2	Embedment depth 3	Sales pack quantity	Item number
HUS-H 8x90/15/30/40	8	13 mm	90 mm	50 mm	60 mm	75 mm	50 pc	368731
HUS-H 14x115/5/25/45	14	21 mm	115 mm	70 mm	90 mm	110 mm	16 pc	368746

Standard screw anchor with externally threaded head (carbon steel) HUS3-A 6



KEY APPLICATIONS & ADVANTAGES

- Fastening pipes, brackets and channels with maximum efficiency



Technical data

Head configuration	Externally threaded
Environmental conditions	Indoor, dry conditions
Type of fastening	Pre-fastening
Material composition	Steel, zinc-plated (min. 5 µm)
Installation direction	All
Suitable for cracked concrete with redundant fastenings	Yes
PROFIS software	Yes
Material, corrosion	Steel, zinc-plated
Installation tools	SID 22-A, SIW 22-A

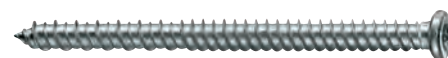
Ordering designation	Anchor size	Wrench size	Anchor length	Thread length	Embedment depth 1	Embedment depth 2	Sales pack quantity	Item number
HUS3-A 6x35 M10/21	6 / M10	13 mm	35 mm	21 mm	35 mm		100 pc	416742
HUS3-A 6x55 M8/16	6 / M8	13 mm	55 mm	18 mm	35 mm	55 mm	100 pc	416743

Frame screw anchor HUS



Technical data

Head configuration	Flat head
Environmental conditions	Indoor, dry conditions
Type of fastening	Through-fastening
Material composition	Steel, zinc-plated (min. 5 µm)
Installation direction	All
Suitable for cracked concrete with redundant fastenings	Yes
Material, corrosion	Steel, zinc-plated
Installation tools	SID 14-A



Ordering designation	Anchor size	Bit size	Anchor length	Embedment depth 1	Embedment depth 2	Embedment depth 3	Sales pack quantity	Item number
HUS 6x80	6	T40	80 mm	34 mm	44 mm	64 mm	100 pc	381401
HUS 6x100	6	T40	100 mm	34 mm	44 mm	64 mm	100 pc	381402
HUS 6x120	6	T40	120 mm	34 mm	44 mm	64 mm	100 pc	381403

Standard screw anchor with internally threaded head (carbon steel) HUS3-I 6



KEY APPLICATIONS & ADVANTAGES

- Various pipe or ventilation system installation applications
- Threaded rod hangers for single or multiple pipes
- Suitable for repetitive installation tasks
- Higher productivity – less drilling and fewer operations than with conventional anchors
- ETA approval – also for use in cracked concrete

Technical data

Head configuration	Inner thread
Environmental conditions	Indoor, dry conditions
Type of fastening	Pre-fastening
Material composition	Steel, zinc-plated (min. 5 µm)
Installation direction	All
Suitable for cracked concrete with redundant fastenings	Yes
PROFIS software	Yes
Material, corrosion	Steel, zinc-plated
Installation tools	SID 22-A, SIW 22-A
Internal thread size	8 mm



Ordering designation	Anchor size	Wrench size	Anchor length	Embedment depth 1	Drilling depth at embed. 1	Sales pack quantity	Item number
HUS3-I 6x35 M8/M10	6	13 mm	35 mm	35 mm	45 mm	100 pc	416740

Accessories for Screw Anchors

Ordering designation		HUS3-H 8/10/14	HUS-V	Sales pack quantity	Item number
Check gauge HRG 10		■	■	1 pc	2090674
Check gauge HRG 14		■		1 pc	2090675
Check gauge HRG 8		■	■	1 pc	2092003

Screw anchor HUS-P



KEY APPLICATIONS & ADVANTAGES

- Piping or ventilation applications with channels fastened directly to the ceiling
- Various applications with ornamental fittings in steel such as handrails or railings
- Suitable for serial applications
- ETA approval - also for cracked concrete
- Neat head appearance No extra time spent finishing

Technical data

Head configuration	Round head
Environmental conditions	Indoor, dry conditions
Type of fastening	Through-fastening
Material composition	Steel, zinc-plated (min. 5 µm)
Installation direction	All
Suitable for cracked concrete with redundant fastenings	Yes
PROFIS software	Yes
Material, corrosion	Steel, zinc-plated
Installation tools	SID 22-A, SIW 22-A



Ordering designation	Anchor size	Base plate clearance hole	Bit size	Anchor length	Embedment depth 1	Drilling depth at embed. 1	Sales pack quantity	Item number
HUS3-P 6x40/5	6	9 mm	T30	40 mm	35 mm	45 mm	100 pc	416745

Economical cavity anchor with hex head bolt HHD-S



KEY APPLICATIONS & ADVANTAGES

- Fastening battens, channels, panels, decorative items, etc. to hollow brick and gypsum panels
- With pre-assembled hex head bolt
- Ergonomic setting tool

Technical data

Head configuration	Hex head
Material, corrosion	Steel, zinc-plated
Accessories	HHD, HHD Pro

Ordering designation	Anchor size	Anchor length	Wrench/nut size	Socket size	Package contents	Sales pack quantity	Item number
HHD-S M8/40x83	M8	83 mm	13 mm	13 mm	1x Anchor body HHD, 1x Screw HHD	50 pc	332075

Sleeve anchor (hex head) HLC



KEY APPLICATIONS & ADVANTAGES

- Suitable for a large range of temporary applications, fastening small items etc.
- Variety of lengths and sizes for a multitude of applications
- Pre-assembled anchor for fast, easy installation

Technical data

Head configuration	Hex head
Environmental conditions	Indoor, dry conditions
Type of fastening	Pre-fastening, Through-fastening
Material composition	Steel, zinc-plated (min. 5 µm)
Installation direction	All
Material, corrosion	Steel, zinc-plated

Ordering designation	Anchor size	Anchor length	Base plate clearance hole	Required tightening torque	Wrench/nut size	Wrench size	Sales pack quantity	Item number
HLC 6,5x25/5	6.5 mm	25 mm	7 mm	5 Nm	8 mm	8 mm	100 pc	385811
HLC 6,5x40/20	6.5 mm	40 mm	7 mm	5 Nm	8 mm	8 mm	100 pc	385812
HLC 6,5x60/40	6.5 mm	60 mm	7 mm	5 Nm	8 mm	8 mm	100 pc	385813
HLC Combo P	8 mm		10 mm	8 Nm	10 mm	10 mm	1 pc	3558935
HLC 8x40/10	8 mm	40 mm	10 mm	8 Nm	10 mm	10 mm	100 pc	385814
HLC 8x55/25	8 mm	55 mm	10 mm	8 Nm	10 mm	10 mm	100 pc	385816
HLC 8x70/40	8 mm	70 mm	10 mm	8 Nm	10 mm	10 mm	100 pc	385817
HLC 8x85/55	8 mm	85 mm	10 mm	8 Nm	10 mm	10 mm	100 pc	385818
HLC 10x40/5	10 mm	40 mm	12 mm	25 Nm	13 mm	13 mm	50 pc	385819
HLC 10x50/15	10 mm	50 mm	12 mm	25 Nm	13 mm	13 mm	50 pc	385820
HLC 10x60/25	10 mm	60 mm	12 mm	25 Nm	13 mm	13 mm	50 pc	385822
HLC 10x80/45	10 mm	80 mm	12 mm	25 Nm	13 mm	13 mm	50 pc	385823
HLC 10x100/65	10 mm	100 mm	12 mm	25 Nm	13 mm	13 mm	50 pc	385824
HLC 12x55/15	12 mm	55 mm	14 mm	40 Nm	15 mm	15 mm	50 pc	385825
HLC 12x75/35	12 mm	75 mm	14 mm	40 Nm	15 mm	15 mm	50 pc	385827
HLC 12x100/60	12 mm	100 mm	14 mm	40 Nm	15 mm	15 mm	25 pc	385829
HLC 16x60/10	16 mm	60 mm	18 mm	50 Nm	19 mm	19 mm	25 pc	385830
HLC 16x100/50	16 mm	100 mm	18 mm	50 Nm	19 mm	19 mm	10 pc	385831
HLC 16x140/90	16 mm	140 mm	18 mm	50 Nm	19 mm	19 mm	10 pc	385832
HLC 20x80/25	20 mm	80 mm	21 mm	80 Nm	24 mm	24 mm	10 pc	385833
HLC 20x115/60	20 mm	115 mm	21 mm	80 Nm	24 mm	24 mm	10 pc	385834
HLC 20x150/95	20 mm	150 mm	21 mm	80 Nm	24 mm	24 mm	10 pc	385835

Economical sleeve anchor with hex head HLC-H



KEY APPLICATIONS & ADVANTAGES

- Suitable for a large range of temporary applications, fastening small items etc.
- Variety of lengths and sizes for a multitude of applications
- Pre-assembled anchor for fast, easy installation

Technical data

Head configuration	Hex head
Environmental conditions	Indoor, dry conditions
Type of fastening	Pre-fastening, Through-fastening
Material composition	Steel, 8.8 grade, zinc-plated (min. 5 µm)
Installation direction	All
Material, corrosion	Steel, zinc-plated
Installation tools	TE 6-A36-AVR

Ordering designation	Anchor diameter (imperial)	Anchor size	Anchor length	Base plate clearance hole	Wrench/nut size	Wrench size	Sales pack quantity	Item number
HLC-H 8x40/10	5/16 in	8 mm	40 mm	10 mm	10 mm	10 mm	100 pc	385836
HLC-H 8x55/25	5/16 in	8 mm	55 mm	10 mm	10 mm	10 mm	100 pc	385838
HLC-H 8x70/40	5/16 in	8 mm	70 mm	10 mm	10 mm	10 mm	100 pc	385840
HLC-H 10x60/25	3/8 in	10 mm	60 mm	12 mm	13 mm	13 mm	50 pc	385842
HLC-H 10x80/45	3/8 in	10 mm	80 mm	12 mm	13 mm	13 mm	50 pc	385845
HLC-H 10x100/65	3/8 in	10 mm	100 mm	12 mm	13 mm	13 mm	50 pc	385847
HLC-H 12x55/15	1/2 in	12 mm	55 mm	14 mm	17 mm	17 mm	50 pc	385848
HLC-H 12x75/35	1/2 in	12 mm	75 mm	14 mm	17 mm	17 mm	50 pc	385849
HLC-H 12x100/60	1/2 in	12 mm	100 mm	14 mm	17 mm	17 mm	25 pc	385852
HLC-H 16x60/10	5/8 in	16 mm	60 mm	18 mm	19 mm	19 mm	10 pc	385853
HLC-H 16x100/50	5/8 in	16 mm	100 mm	18 mm	19 mm	19 mm	15 pc	385854
HLC-H 16x140/90	5/8 in	16 mm	140 mm	18 mm	19 mm	19 mm	10 pc	385855

Sleeve anchor (closed eyebolt) HLC-EC



KEY APPLICATIONS & ADVANTAGES

- Pre-assembled anchor for fast, easy installation
- Eyelet version

Technical data

Head configuration	Closed eye bolt
Environmental conditions	Indoor, dry conditions
Material composition	Steel, zinc-plated (min. 5 µm)
Installation direction	All
Material, corrosion	Steel, zinc-plated

Ordering designation	Anchor size	Anchor length	Base plate clearance hole	Required tightening torque	Drilling depth	Sales pack quantity	Item number
HLC-EC 8x40	8 mm	40 mm	10 mm	8 Nm	40 mm	50 pc	385871
HLC-EC 10x50	10 mm	50 mm	12 mm	25 Nm	50 mm	50 pc	385872
HLC-EC 16x100	16 mm	100 mm	18 mm	50 Nm	75 mm	10 pc	385873

Sleeve anchor (counter sunk) HLC-SK



KEY APPLICATIONS & ADVANTAGES

- Suitable for various base materials thanks to the expansion principle
- Variety of lengths and sizes for a multitude of applications
- Pre-assembled anchor for fast, easy installation

Technical data

Head configuration	Countersunk
Environmental conditions	Indoor, dry conditions
Type of fastening	Through-fastening
Material composition	Steel, 8.8 grade, zinc-plated (min. 5 µm)
Installation direction	All
Material, corrosion	Steel, zinc-plated

Ordering designation	Anchor size	Anchor length	Base plate clearance hole	Required tightening torque	Bit size	Drilling depth	Sales pack quantity	Item number
HLC-SK 8x60/25	8 mm	60 mm	10 mm	8 Nm	T30	40 mm	100 pc	385859
HLC-SK 10x85/45	10 mm	85 mm	12 mm	25 Nm	T40	50 mm	50 pc	385863
HLC-SK 10x105/65	10 mm	105 mm	12 mm	25 Nm	T40	50 mm	50 pc	385864
HLC-SK 12x80/35	12 mm	80 mm	14 mm	40 Nm	T40	65 mm	50 pc	385866

Economical metal frame anchor HT



Ordering designation	Anchor size	Anchor length	Bit size	Standard embedment depth	Max. fixture thickness at standard embedment depth	Drilling depth	Sales pack quantity	Item number
HT 10X112	10 mm	112 mm	PZ3	30 mm	82 mm	50 mm	100 pc	369265
HT 10X132	10 mm	132 mm	PZ3	30 mm	102 mm	50 mm	100 pc	369266

Wedge anchor DBZ



Ordering designation	Anchor size	Anchor length	Base plate clearance hole	Thickness fastened - min.	Drilling depth	Sales pack quantity	Item number
DBZ 6/4.5	6 mm	40 mm	7 mm	0 mm	40 mm	100 pc	256312
DBZ 6/35	6 mm	71 mm	7 mm	5 mm	55 mm	100 pc	256311

Sleeve anchor with screw and washer HAM with bolt



KEY APPLICATIONS & ADVANTAGES

- Internally-threaded solution for all solid base materials
- Works on all solid base materials
- Protective plastic ring prevents deformation caused by hammering

Technical data

Head configuration	Hex head
Environmental conditions	Indoor, dry conditions
Type of fastening	Pre-fastening
Installation direction	All
Material, corrosion	Steel, zinc-plated

Ordering designation	Anchor size	Anchor length	Internal thread size	Base plate clearance hole	Thread length	Useable thread length	Sales pack quantity	Item number
HAM M6X50	M6	60 mm	6 mm	7 mm	5 mm	5 mm	100 pc	305857
HAM M8X60	M8	75 mm	8 mm	9 mm	10 mm	10 mm	50 pc	305858
HAM M10X80	M10	85 mm	10 mm	12 mm	15 mm	15 mm	25 pc	305859
HAM M12X90	M12	95 mm	12 mm	14 mm	20 mm	20 mm	25 pc	305860

Cavity anchor HHD-S



KEY APPLICATIONS & ADVANTAGES

- Securing support frames, timber frames for light stand-off cladding, facade panels
- Fastening window and door frames
- Pre-assembled screw
- Ergonomic setting tool for thread sizes M4 to M8

Technical data

Head configuration	Round head
Environmental conditions	Indoor, dry conditions
Type of fastening	Pre-fastening, Through-fastening
Material composition	Steel, zinc-plated
Installation direction	All
Additional product information	With pre-assembled screw
Material, corrosion	Steel, zinc-plated
Accessories	HHD, HHD Pro



Ordering designation	Anchor size	Anchor length	Bit size	Max. fixture thickness at standard embedment depth	Package contents	Sales pack quantity	Item number
HHD-S M4/19X45	M4	45 mm	PH1	25 mm		50 pc	332063
HHD-S M5/12x52	M5	52 mm	PH2	30 mm	1x Anchor body HHD, 1x Screw HHD	50 pc	332066
HHD-S M5/25x65	M5	65 mm	PH2	30 mm	1x Anchor body HHD, 1x Screw HHD	50 pc	332067
HHD-S M6/12x52	M6	52 mm	PH3	30 mm	1x Anchor body HHD, 1x Screw HHD	50 pc	332070
HHD-S M6/24x65	M6	65 mm	PH3	30 mm	1x Anchor body HHD, 1x Screw HHD	50 pc	332071
HHD-S M6/40X80	M6	80 mm	PH3	30 mm		50 pc	332072

Setting tool HHD



Ordering designation	Sales pack quantity	Item number
Setting tool HHD-S	1 pc	332076

Hook and ring anchors HA 8



Ordering designation	Anchor size	Anchor length	Standard embedment depth	Drilling depth	Package contents	Sales pack quantity	Item number
HA 8 H1	8 mm	66 mm	40 mm	50 mm	1x Hook anchor HA8H1 assy	100 pc	57036
HA 8 R1	8 mm	66 mm	40 mm	50 mm	1x Ring anchor HA8 R1 assy	100 pc	57059

Accessories for Other Metal Anchors

Ordering designation	Sales pack quantity	Item number
Setting tool HHD-S	1 pc	332076



HHD-S

Frame anchor with countersunk head HRD-C



KEY APPLICATIONS & ADVANTAGES

- Typical applications for metal fabricators such as fastening handrails, window bars, railings, balustrades, etc.
- Fastening wooden substructures for ventilated facades
- Fastening door and window frames
- Flexible embedment depth (approved at 50 mm and 70 mm embedment depth) - the ideal anchor for a huge range of applications in virtually all base materials
- Suitable for fastening thicknesses up to 260 mm (anchor lengths from 60 mm to 310 mm)



Technical data

Anchor type	Anchor with screw
Head configuration	Countersunk
Environmental conditions	Indoor, dry conditions
Type of fastening	Through-fastening
Material composition	Steel, zinc-plated (min. 5 µm), Polyamide
Suitable for cracked concrete with redundant fastenings	Yes
Material, corrosion	Steel, zinc-plated
Installation temperature - min.	-10 °C

Ordering designation	Anchor size	Anchor length	Screw head diameter	Bit size	Colour	Embedment depth 1	Sales pack quantity	Item number
HRD-C 10x60	10 mm	60 mm	14 mm	T40	Red	50 mm	50 pc	423859
HRD-C 10x80	10 mm	80 mm	14 mm	T40	Red	50 mm	50 pc	423860
HRD-C 10x100	10 mm	100 mm	14 mm	T40	Red	50 mm	50 pc	423861
HRD-C 10x120	10 mm	120 mm	14 mm	T40	Red	50 mm	50 pc	423862
HRD-C 10x140	10 mm	140 mm	14 mm	T40	Red	50 mm	50 pc	423863
HRD-C 10x160	10 mm	160 mm	14 mm	T40	Red	50 mm	50 pc	423864

Impact anchor HPS-1



Technical data

Anchor type	Plastic anchor
Head configuration	Countersunk Phillips
Environmental conditions	Indoor, dry conditions
Type of fastening	Through-fastening
Material composition	Body: polyamide, Screw: steel, zinc-plated (min. 5 µm)
Installation direction	All
Material, corrosion	Steel, zinc-plated
In-service temperature - range	-40 - 80 °C



KEY APPLICATIONS & ADVANTAGES

- Fastening trim strips, battens and components for electrical and plumbing installations
- Fastening components for electrical and plumbing installations
- For universal use on many materials, including perforated brick and block
- The hammer-driven screw can also be driven or unscrewed using a screwdriver

Ordering designation	Anchor size	Bit size	Packaging	Standard embedment depth	Drilling depth	Sales pack quantity	Item number
HPS-1 4/0x20	M4	PZ2	Box	20 mm	25 mm	250 pc	260369
HPS-1 5/5x25	M5	PZ2	Box	20 mm	30 mm	200 pc	260347
HPS-1 5/15x35	M5	PZ2	Box	20 mm	30 mm	200 pc	260348
HPS-1 6/30x55	M6	PZ2	Box	25 mm	40 mm	100 pc	230517
HPS-1 6/25x50	M6	PZ2	Box	25 mm	40 mm	100 pc	260351
HPS-1 6/40x65	M6	PZ2	Box	25 mm	40 mm	100 pc	260352
HPS-1 6/10x35	M6	PZ2	Box	25 mm	40 mm	150 pc	230516
HPS-1 6/5x30	M6	PZ2	Box	25 mm	40 mm	150 pc	260349
HPS-1 6/15x40	M6	PZ2	Box	25 mm	40 mm	150 pc	260350
HPS-1 8/20x50	M8	PZ2	Box	30 mm	50 mm	50 pc	230518
HPS-1 8/40x70	M8	PZ2	Box	30 mm	50 mm	50 pc	230519
HPS-1 8/60x90	M8	PZ2	Box	30 mm	50 mm	50 pc	260355
HPS-1 8/80x110	M8	PZ2	Box	30 mm	50 mm	50 pc	260356
HPS-1 8/0x25	M8	PZ2	Box	30 mm	50 mm	100 pc	238160
HPS-1 8/10x40	M8	PZ2	Box	30 mm	50 mm	100 pc	260353
HPS-1 8/100x130	M8	PZ2	Box	30 mm	50 mm	100 pc	260367

Impact anchor HPS-1 R



KEY APPLICATIONS & ADVANTAGES

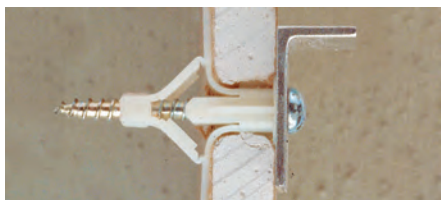
- Anchoring light frames, battens and profiles in hollow and solid base materials
- Corrosion-resistant for outdoor use
- Fastening components for electrical and plumbing installations
- Stainless steel hammer-driven screw for outdoor use
- Quick impact installation using a hammer

Technical data

Anchor type	Plastic anchor
Head configuration	Countersunk Phillips
Environmental conditions	Outdoor
Type of fastening	Through-fastening
Material composition	Body: polyamide, Screw: 304 stainless steel
Installation direction	All
Material, corrosion	Steel, stainless
In-service temperature - range	-40 - 80 °C

Ordering designation	Anchor size	Anchor length	Bit size	Standard embedment depth	Drilling depth	Package contents	Sales pack quantity	Item number
HPS-1 R 5/15x35	M5	37 mm	PZ2	20 mm	30 mm	1x Impact anchor HPS-1 R 5/15 assy	200 pc	260358
HPS-1 R 6/15x40	M6	42 mm	PZ2	25 mm	40 mm	1x Impact anchor HPS-1 R 6/15 assy	100 pc	260360
HPS-1 R 6/25x50	M6	52 mm	PZ2	25 mm	40 mm	1x Impact anchor HPS-1 R 6/25 assy	100 pc	260361
HPS-1 R 6/40x65	M6	67 mm	PZ2	25 mm	40 mm	1x Impact anchor HPS-1 R 6/40 assy	100 pc	260362
HPS-1 R 8/30x60	M8	63 mm	PZ2	30 mm	50 mm	1x Impact anchor HPS-1 R 8/30 assy	50 pc	260364
HPS-1 R 8/80x110	M8	113 mm	PZ2	30 mm	50 mm	1x Impact anchor HPS-1 R 8/80 assy	50 pc	260366

Light-duty anchor HLD



KEY APPLICATIONS & ADVANTAGES

- Fastening on low-strength materials with cavities - for use with standard wood screws
- Anchoring in perforated brick or block, drywall, concrete
- The wings spring out and adapt to all materials
- Allows flexibility when selecting screws

Technical data

Anchor type	Plastic anchor
Head configuration	Flat head, Round head
Environmental conditions	Indoor, damp conditions, Indoor, dry conditions, Outdoor
Type of fastening	Pre-fastening, Through-fastening
Material composition	Polyamide PA 6
Installation direction	Wall
Material, corrosion	Plastic
In-service temperature - range	-40 - 80 °C



Ordering designation	Anchor diameter (imperial)	Anchor size	Anchor length	Packaging	Colour	Drilling depth	Package contents	Sales pack quantity	Item number
HLD 2	3/8 in	10 mm	28 mm	Box	White	50 mm	1x Light-duty anchor HLD 2	150 pc	335506
HLD 3	3/8 in	10 mm	35 mm	Box	White	56 mm	1x Light-duty anchor HLD 3	100 pc	335507
HLD 4	3/8 in	10 mm	44 mm	Box	White	66 mm	1x Light-duty anchor HLD 4	100 pc	335508

Economical universal plastic anchor HUD-1



KEY APPLICATIONS & ADVANTAGES

- Many kinds of light-duty fastenings, especially electrical installations, sanitary fixtures, etc.
- For use on a wide range of materials: concrete, solid brick, hollow brick, gas (aerated) concrete, gypsum panel
- High holding power



Technical data

Anchor type	Plastic anchor
Head configuration	n/a
Environmental conditions	Indoor, damp conditions, Indoor, dry conditions, Outdoor
Type of fastening	Pre-fastening, Through-fastening
Material composition	Polyamide PA 6
Installation direction	All
Leadership in energy and environmental design	Yes
Material, corrosion	Plastic
In-service temperature - range	-40 - 80 °C
Installation tools	SFC 14-A, SFC 22-A



Ordering designation	Anchor size	Anchor length	Base plate clearance hole	Packaging	Colour	Drilling depth	Sales pack quantity	Item number
HUD-1 5x25 (200)	5 mm	25 mm	5 mm	Bag	Red	35 mm	200 pc	338708
HUD-1 6x30 (200)	6 mm	30 mm	6 mm	Bag	Red	40 mm	200 pc	338709
HUD-1 8x40 (200)	8 mm	40 mm	8 mm	Bag	Red	55 mm	200 pc	338710
HUD-1 10x50 (100)	10 mm	50 mm	10 mm	Bag	Red	65 mm	100 pc	338711
HUD-1 12x60	12 mm	60 mm	13 mm	Bag	Red	80 mm	100 pc	331619
HUD-1 14x70	14 mm	70 mm	15 mm	Bag	Red	90 mm	50 pc	331620

Economical universal long plastic anchor HUD-L



KEY APPLICATIONS & ADVANTAGES

- Refurbishing work on thick layers of plaster and on double-clad drywall panels, e.g. battens, junction boxes, cables, light switches, lights, brackets, signs, shelves, plumbing fixtures, wall brackets etc.
- Extra-long plastic anchor for refurbishment and renovation work or drywall installation
- Extra long, for bridging thick layers of plaster up to 30 mm
- Forms a "knot" when set in hollow materials and double-clad drywall panels

Technical data

Anchor type	Plastic anchor
Head configuration	n/a
Environmental conditions	Indoor, damp conditions, Indoor, dry conditions, Outdoor
Type of fastening	Pre-fastening, Through-fastening
Material composition	Body: polyamide
Installation direction	All
Leadership in energy and environmental design	Yes
Material, corrosion	Plastic
In-service temperature - range	-40 - 80 °C
Installation tools	SFC 14-A



Ordering designation	Anchor size	Anchor length	Base plate clearance hole	Packaging	Colour	Package contents	Sales pack quantity	Item number
HUD-L 10x70	10 mm	70 mm	10 mm	Box	Red	1x Anchor HUD-L 10X70	100 pc	315940

Metal insulation fastener IDMS



KEY APPLICATIONS & ADVANTAGES

- Insulation fastenings with fire resistance requirements
- Certified fire resistance
- Fire resistant fastener for insulation materials up to 150 mm



Technical data

Anchor type	Insulation holder
Environmental conditions	Indoor, ventilated facades
Type of fastening	Through-fastening
Material composition	Steel, zinc-plated (min. 5 µm)
Installation direction	All
Material, corrosion	Steel, zinc-plated
ETICS	No



Ordering designation	Anchor length	Insulation material thickness fastened - min.	Insulation material thickness fastened - max.	Standard embedment depth	Sales pack quantity	Item number
IDMS 0/3	80 mm	0 mm	30 mm	50 mm	250 pc	65752
IDMS 3/6	110 mm	30 mm	60 mm	50 mm	250 pc	65753

Insulation anchor IDP



KEY APPLICATIONS & ADVANTAGES

- Fastening hard, self-supporting, insulating materials such as expanded polystyrene
- Quick and easy impact installation
- Insulating material thickness: up to 150 mm

Technical data

Anchor type	Insulation holder
Type of fastening	Through-fastening
Material composition	Polypropylene
Installation direction	All
Material, corrosion	Plastic
Installation temperature - max.	40 °C
Installation temperature - min.	0 °C
ETICS	No

Ordering designation	Colour	Min. embedment depth	Insulation material thickness fastened - min.	Standard embedment depth	Package contents	Sales pack quantity	Item number
IDP 0/2	White	28 mm	0 mm	25 mm	1x Insulation mandrel IDP 0/2	250 pc	332105
IDP 2/4	White	28 mm	20 mm	25 mm	1x Insulation mandrel IDP 2/4	250 pc	332106
IDP 4/6	White	28 mm	40 mm	25 mm	1x Insulation mandrel IDP 4/6	250 pc	332107
IDP 6/8	White	28 mm	60 mm	25 mm	1x Insulation mandrel IDP 6/8	250 pc	332108
IDP 8/10	White	28 mm	80 mm	25 mm	1x Insulation mandrel IDP 8/10	250 pc	332109