



SMART PRODUCTS. TAILORED SERVICES.

Product Catalogue
2017/2018



2017 NEW PRODUCT

New innovations,
leading-edge technology



Combihammer TE-60



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**Battery Pack B 22/5.2 Li-Ion
Battery Pack B 22/2.6 Li-Ion**



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**Diamond Coring
tool DD 200**



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**Diamond Core Bit
DD-B UCL A**



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Injectable Mortar HIT RE-500 V3



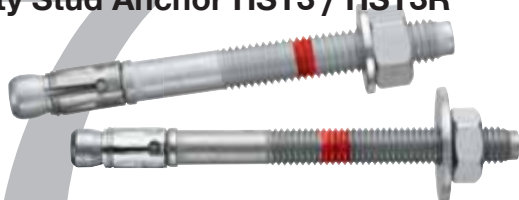
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Injectable Mortar HIT RE-100



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Safety Stud Anchor HST3 / HST3R



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Standard Stud Anchor HSV-F



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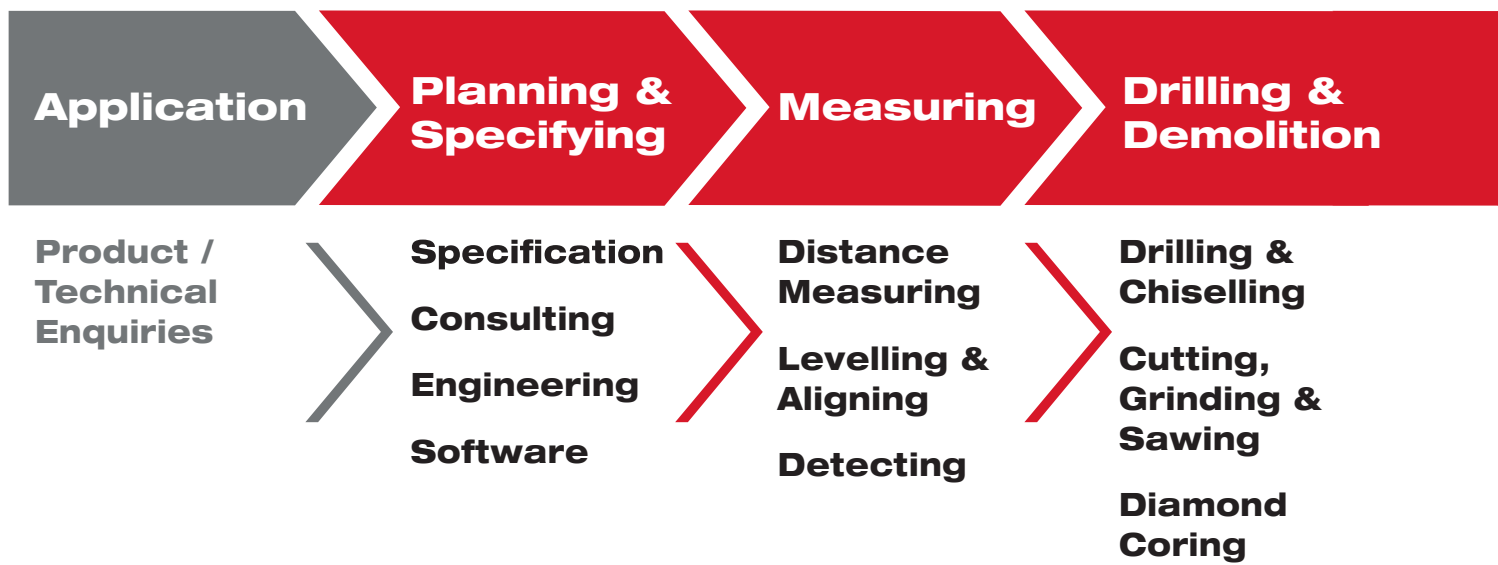
PRODUCTS AND SERVICES

A full range of Hilti systems for your construction needs



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HILTI TOTAL SOLUTIONS





Fastening & Installation

Direct Fastening
Screw Fastening
Anchoring
Installation

Insulation & Protection

Foam Systems
Firestopping

Professional Services

Lifetime Services
Repair Services
Health And Safety Training
Customer Services
Hilti Center Service
Logistics Services

WE'RE NEARBY.

**We can help on the jobsite,
on the phone or at a Hilti Center
near you**



We can help on the jobsite

Our local Hilti representatives can visit your jobsite and work with you to find the right solution for your job.

We can help to find solutions, particularly for complex situations, bringing our own experience and know-how of Hilti applications.

We can also give onsite demonstrations of our products.

We can help on the phone and online (Facebook)

We're here to answer your questions, take your orders, organize tool repairs and help with other requests.

We're open from 8am to 5pm Monday to Friday. You can also contact us anytime 24 hours a day, online (Facebook) or by fax.

For tool repairs – just call us and we'll arrange a pickup free of charge without delay. Our tool repair service always aim to get your tools repaired during the same day (same day in, same day out).

Customer Service:
Phone: 1-800-880-985
Fax: 03-7848 7399
Facebook:
www.facebook.com/HiltiMalaysia

We can help at a Hilti Center near you

You can also visit one of our Hilti Center – you can find products off the shelf, get help from our experienced Hilti staff and ask for a product demonstration.

You can also bring your tools in for a service – so that we can check them and suggest the best course of action.

Locate the nearest Hilti center
at page 178

PROFESSIONAL SERVICES

Efficient and hassle-free assistance



HILTI	2 Years
LIFETIME SERVICE™	NO COSTS
Lifetime	Lifetime
REPAIR COST LIMIT	MANUFACTURER'S WARRANTY

Hilti Lifetime Services

If you find a defect in your tool, give us a call and we will take care of it quickly and professionally, completely free of charge for up to 2 years from the date of purchase, subject to wear and tear. After that we put a limit on what a repair can cost – for as long as you keep on using your Hilti tool. We even give you a lifetime manufacturer's warranty against manufacturing defects.



Hilti Repair Services

It is not just getting your tools fixed, our trained technicians calibrate your measuring tools, maintain your tools, carry out functional check, adjustment and safety check to make sure all damage and defects are technically corrected and eliminated.



Hilti Logistic Services

You order it, we deliver it. Hilti logistic support ensures that you receive the right product, at the right place, at the right time. Contact our Customer Service if you want us to deliver at a given time to a specific job site.



Hilti Engineering and Technical Support

Our engineers are pleased to support design professionals and contractors on a wide variety of technical and application topics. From application advice to product customization, technical software support and training, we assist your engineers and architects with the specification of Hilti products through training seminars and even on-site support.



Measuring Systems

Leading-edge Technology. Outstanding Service.



Intoduction

Hilti pulse power

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Laser Range Meter

Laser Range Meter PD 5

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Laser Range Meter PD-E

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Accessories for laser range meter

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Multi-directional laser

Multi-line laser PM 4-M

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Combilaser PMC 46

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Accessories for multi-directional laser

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Rotating laser

Rotating laser PR 3

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Accessories for rotating laser

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Detection system

Ferrosan system PS 250

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Unleashing full measuring power.

Hilti Pulse Power

Unique measuring performance.

Extremely fast. Extremely reliable.
Forget what you know about measuring technologies.

Hilti Pulse Power works with up to 1 million impulses per second allowing for highly reliable readings even under the most difficult conditions.

Pulse Power is yet another demonstration of Hilti's innovative ability and foresight. The challenge of achieving even greater reliability and efficiency in various measuring and alignment tasks has been met very convincingly. The advantages of Hilti Pulse Power are now available with a comprehensive product portfolio. Hilti, once more, impressively substantiates the power of innovation.

PULSE III POWER

Rotating Lasers



Catch the Beam in one pass

On a bright, sunny day, the task of transferring reference heights over moderate distances can often become a tedious process due to difficulty in locating the rotating laser beam. Not with Hilti Pulse Power! Thanks to the high-frequency pulses of the laser beam, a single pass of the rotating laser beam over the receiver is all that is needed for immediate location of the line.

Line and Combilasers



Visibility without compromise

The Hilti PMC 46 multi-line laser feature outstanding visibility of the lines they project whether working with or without a receiver.

Range Meters



Top measuring performance

Thanks to Hilti Pulse Power, accurate, reliable readings can now be taken even under the most unfavorable conditions such as in bright sunlight. Hilti Pulse Power makes trouble-free measurements of distances up to 100 meters possible without need for a target plate-achieved efficiently with only one person.

Laser range meter PD 5



Applications

- Measuring distances from 0.25 m to 70 m quickly and accurately
- Measuring heights where alternative measuring methods fail
- Measuring quickly and safely in places where access is difficult

Advantages

- Simple and intuitive to use
- Single-button operation
- New compact design fits in every pocket
- Water resistant and dust tight
- Rugged and durable
- Ergonomic design for unique operating convenience



PULSE POWER



reddot design award winner 2011

Technical data	
Accuracy	±1.5 mm
Measuring range	0.25 m - 70 m
Laser class	< 1 mW, 635 nm, Class 2 (IEC 60825-1:2008), Class II (FDA CFR 21 art. 1040)
Measuring functions	Single and continuous measurement
IP protection class	IP 55 (IEC 529)
Operating temperature range	-10 - 50 °C
Battery type	2 x 1.5 V (AAA)
Operating time with alkaline battery	Up to 8000 measurements
Dimensions (LxWxH)	164 x 33 x 21 mm
Data memory	Last 2 measurements



Ordering designation	Package contents	Sales pack quantity	Item number
PD 5	1x Laser range meter PD 5, 2x Battery AAA, 1x Toolbag PDA 605, 1x Belt clip PDA 615	1	2004830

Laser range meter PD-E



Applications

- Measuring quickly and safely in places where access is difficult
- Measuring heights from floors to ceilings in a one-man operation
- Measuring surface areas for quotations in renovation work
- Easy measurement of roof lengths using the trapezoid function
- Measuring long distances using outdoor mode
- Determining the length or height of objects that cannot be directly accessed (remote measurement)

Advantages

- Measures up to 200 m even under the toughest outdoor conditions
- The outdoor display is readable even in very bright sunlight
- LEDs provide clear identification of the measuring reference and thus help avoid errors
- Built-in 360° tilt sensor for various application possibilities
- Built-in optical viewfinder for outdoor measurements
- Measuring functions are aided by the graphic display



PULSE III POWER

Technical data	
Accuracy	±1 mm
Measuring range	0 m - 200 m
Laser class	< 1 mW, 635 nm, Class 2 (IEC 60825-1:2007), Class II (FDA CFR 21 art. 1040)
Calculation functions	Addition, Subtraction, Area, Volume, Painters area, Setting out, min/max, Timer, Offset, Memory (30x), Trapezoid (2x), Pythagoras (3x), Indirect measurement (4x)
Measuring functions	Single and continuous measurement, Outdoor mode, Digital spirit level
IP protection class	IP 65 (EN 60529)
Operating temperature range	-10 - 50 °C
Battery type	2 X 1.5 V (AA)
Operation time with alkaline battery	5000 measurements
Dimensions (LxWxH)	129 x 60 x 28 mm
Weight with batteries	0.2 kg
Automatic Switch-Off	Yes



Order description	Package contents	Sales pack quantity	Item number
PD-E	1x Laser range meter PD-E, 1x Battery AAA (2), 1x Toolbag PDA 65	1	2062050

Accessories for Laser Range Meter

Ordering designation		Sales pack quantity	Item number
Laser visibility glasses PUA 60		■ 1	284988
Target plate PDA 50		■ 1	282388

Multi-line laser PM 4-M

The lines you need. Your fast and accurate squaring and aligning companion from Hilti.



Applications

- Setting out drywall tracks for partitioning
- Transferring reference heights
- Vertical alignment of pipes
- Leveling electric sockets, cable trays, radiators and pipe installations
- Leveling and aligning doors and windows

Advantages

- Projects clear 3D vertical lines with a cross on the ceiling
- Rotates around the center point for easy and fast aligning
- Fine adjustment knob for precise alignment

Technical data

PM 4-M	
Accuracy (at 24°)	±2 mm @ 10 m
Max. operating distance - without laser receiver	10 m
Max. operating distance with laser receiver (diameter)	50 m
Laser	< 1 mW, 635 nm, class 2 (IEC 60825-1: 2008), Class II (CFR 21 art. 1040)
Self leveling range	± 3°
IP protection class	IP 54
Battery type	4 x 1.5 V (AA)
Operation time with Alkaline battery	8 h
Dimensions (LxWxH)	124 x 124 x 187 mm

*Factors in particular extreme temperature fluctuations, humidity, shock, drop, etc., can affect the accuracy. Unless otherwise specified, the tool was under standard ambient (MIL-STD-810F) adjusted or calibrated



PULSE III POWER



Ordering

Ordering designation	Package content	Sales quantity	Item number
Multi line laser PM 4-M	equipped with Multi Line Laser PM 4-M, tripod adapter PMW 30, 4 batteries (Type AA), in Hilti case	1 PC	02047073

Combilaser PMC 46



Measuring Systems

Applications

- Transferring reference heights
- Vertical alignment of pipes
- Leveling electric sockets, cable trays, radiators and pipe installations
- Leveling and aligning doors and windows
- Aligning and squaring drywall framing
- Transferring fastening points from floors to ceilings

Advantages

- Complete solution for interior measuring applications
- Everything you need for leveling, aligning, plumbing and squaring – in one tool
- Includes an innovative universal adapter and compact tripod for placing or mounting the tool wherever needed
- New Impact Protection System (IPS) with rugged inner pendulum housing
- Magnetic foot for easy attachment to drywall track

Technical data

Accuracy	±2 mm at 10 m
Automatic switch-off	Yes
Battery type	4 x 1.5 V (AA)
Dimensions (LxWxH)	107 x 65 x 96 mm
IP protection class	IP 54 (IEC 529)
Laser beam diameter	less than 4 mm at 5 m
Laser class	< 1 mW, 635 nm, Class 2 (IEC 60825-1:2008), Class II (FDA CFR 21 art. 1040)
Laser functionality	Level, Align, Plumb, Square
Low battery indication	Yes
Operating temperature range	-10 - 50 °C
Measuring distance min/max	10m / 30m








PULSE **POWER**



Ordering designation	Package contents	Sales pack quantity	Item number
PMC 46 kit	1x Combilaser PMC 46, 4x Battery AA, 1x soft pouch, 1x Frame clamp PMA 25, 1x Universal adapter PMA 78, 1x Tripod PMA 20, 1x Case	1	411210

Accessories for Multi-directional Laser

Ordering designation	Laser receiver holder PRA 80	Laser receiver PMA 31	Laser visibility glasses PUA 60	Tripod PMA 20	Universal adapter PMA 78	PM 4-M	PMC 46	Sales pack quantity	Item number
							<input checked="" type="checkbox"/>	1	360058
						<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1	411288
						<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1	284988
						<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1	411287
							<input checked="" type="checkbox"/>	1	411286

Rotating laser PR 3



Applications

- Leveling (transferring heights, pouring concrete, excavation)
- Aligning (transferring building lines, aligning columns and walls)
- Slopes (ramps, parking lots, pipes)
- Squaring (walls, partitions)

Advantages

- Versatile rotating laser for leveling, aligning, slopes and squaring - indoors and outdoors
- Easy power management with rechargeable Li-ion battery pack
- High speed of rotation for a very stable line
- Remote control for operation by one person
- Built for jobsite conditions - water protected (IP 56)
- Digital measurement - read offsets from the PRA 31 laser receiver (optional accessory)



PULSE POWER












Technical data

Accuracy	±0.75 mm at 10 m
Laser class	< 4.85 mW, 635 nm, Class 2 (IEC 825-1:2008), Class II (FDA CFR 21 art. 1040)
Max. operating distance with laser receiver (diameter)	300 m
IP protection class	IP 56 (IEC 529)
Operating temperature range	-20 - 50 °C
Battery type	Li-ion
Operating time with Li-ion battery	30 h
Dimensions (LxWxH)	252 x 252 x 201 mm
Rotation speed	300 rpm, 600 rpm, 1500 rpm
Self-levelling range at room temperature	5 °
Weight with batteries	2.4 kg



Ordering designation	Package contents	Sales pack quantity	Item number
Rotating laser PR 3 (indoor)	1x Rotating laser PR 3, 1x Battery pack PRA 84, 1x Remote control PRA 2, 2x Battery AA, 1x Target plate PRA 51, 1x Mains adapter PUA 81, 1x Case	1	2007617
Rotating laser PR 3 combo (indoor / outdoor)	1x Rotating laser PR 3, 1x Battery pack PRA 84, 1x Remote control PRA 2, 2x Battery AA, 1x Target plate PRA 51, 1x Mains adapter PUA 81, 1x Laser receiver PRA 20, 1x Laser receiver holder PRA 80, 1x Tripod kit PUA 20, 1x Case	1	3500560

Accessories for Rotating Laser

Ordering designation		PR 3	Sales pack quantity	Item number
Battery pack PRA 84		■	1	360055
Crank tripod PA 921 (0.73m - 1.63m)		■	1	378663
Laser receiver holder PRA 80		■	1	360058
Laser receiver PRA 20		■	1	2071120
Laser visibility glasses PUA 60		■	1	284988
Mains adapter PUA 81		■	1	2006089
Remote control PRA 2		■	1	331418
Slope adapter PRA 78		■	1	360059
Target plate PRA 50		■	1	285415
Tripod Kit PUA 20 (Tripod with measuring rod)		■	1	400936
Tripod bag PUA 40		■	1	377847

Ferrosan system PS 250



Applications

- Rebar verification and analysis
- Checking concrete coverage over large areas for structural repair work
- Building acceptance inspections and quality control
- Coring and hammer drilling without costly rebar hits and avoidance of damage caused by cutting through structurally significant reinforcement
- Structural assessment report generation including statistics and visual presentation in 2D/3D views of areas of up to 45x45 m

Advantages

- Scans large areas of concrete quickly and easily
- Provides accurate depth of cover measurements for reinforcement at depths of up to 100 mm
- Records scan data automatically over lengths of up to 30 meters and up to 9 Imagescans
- Displays a clear 2D image of the reinforcement on the monitor for on-the-spot structural analysis and depth of cover assessment



Technical data

Accuracy of depth measurement for rebar ¹⁾	±1 mm
Operating Temperature Range	-10 - 50 °C
Localization accuracy	±3 mm
IP protection class	IP 54
Scanner weight (incl. battery)	2.4 kg
Scanner dimensions	260 mm x 132 mm x 132 mm
Operation time with NiMH battery	8h
Max. detection depth for rebar ¹⁾	180 mm
Max. depth for determining depth of coverage ¹⁾	160 mm

¹⁾ Performance and accuracy can be significantly affected by site conditions. See operating instructions.



Ordering designation	Package contents	Sales pack quantity	Item number
Ferrosan system PS 250	Scanner, hand strap, scanner pouch, monitor, monitor pouch, battery packs (2), mains adapter (2), data cables (2), headset, adapter PSA 55, reference grids PSA 10 (5), adhesive tape, markers, brush, cleaning cloth, data module, meter stick, operating instructions (3), producer certificates (2), packed in a Hilti case	1	2044439
Ferrosan PS 200 S kit	Scanner, hand strap, scanner pouch, battery pack, mains adapter, data cable, adapter PSA 55, reference grids PSA 10 (5), adhesive tape, markers, brush, cleaning cloth, data module, meter stick, carrying belt, operating instructions (2), producer certificate, packed in a Hilti case	1	2044477
Monitor PSA 100	Monitor, tool bag, battery pack, mains adapter, data cable, connecting cable, data module, operating instructions, producer certificate, packed in a cardboard box	1	2006082



Drilling and Demolition

Leading-edge Technology. Outstanding Service.



Introduction

Application and tool selector Page 20-21



Cordless rotary hammers

Cordless rotary hammer TE 2-A22 Page 22
 Cordless rotary hammer TE 6-A36-AVR Page 23
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Corded rotary hammers

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Combihammers

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Demolition hammers and breakers

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Consumables

Hammer drill bits TE-CX Page 33-34
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 Chisels Page 47-50

Application and tool selector

Rotary and combi hammer	Wattage (W) / Voltage (V)	Weight (kg)	Ratio drilling / chiseling	Working direction	Drill bit connection end	Material for drilling			
						Highly reinforced concrete	Concrete/ Granite/ Stone/ Solid brick	Hollow brick/ Tile	Wood/ Metal
TE 2-A22	22 V	2.7							
TE 6-A36-AVR	36 V	4.0							
TE 2	650 W	2.7							
TE 2-M	650 W	2.9							
TE 7	710 W	2.9							
TE 7-C	720 W	3.5							
TE 30	850 W	4.0							
TE 30-C-AVR	850 W	4.2							
TE 40	1010 W	5.5							
TE 50	1050 W	5.7							
TE 60	1200 W	6.4							
TE 70-AVR	1800 W	8.3							

= approx. 50% drilling, 50% chiseling = approx. 90% drilling, 10% chiselling = optimal = occasional

Breaker	Wattage (W)	Weight (kg)	Ratio drilling / chiseling	Working direction	Chisel connection end	Material for chiselling			Page
						Highly reinforced concrete	Concrete / Granite / Stone / Solid brick	Hollow brick/ Tile	
TE 500	1100 W	5.7							40
TE 700-AVR	1300 W	7.9							41
TE 800-AVR	1850 W	10.6							42
TE 1000-AVR	1750 W	12.5							43
TE 1500-AVR	1800 W	14.2							44
TE 3000-AVR	2070 W	29.9							45

	Anchor holes / through holes (diameters in mm)																		Page	
	5	6	8	10	12	14	16	18	20	22	24	26	28	30	32	35	38	40		
	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	22
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	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	28
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Drilling and Demolition

Cordless rotary hammer TE 2-A22



Applications

- Construction: light-duty drilling in concrete and masonry
- Interior finishing: installing partition walls and suspended ceilings
- Metal fabricators: fastening metal items such as handrails, stair-cases, sun blinds, barriers, etc.
- Electricians: electrical installation work
- Telecom contractors: installing telecom equipment, cables and switchgear

Advantages

- Cordless freedom with the performance of a corded tool
- Compact size and light weight for superior handling
- LED working light provides better visibility in dark areas
- Best-in-class system durability backed by Hilti Lifetime Service covering the tool and accessories



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Technical data

Rated voltage	21.6 V
Battery capacity	3.3 Ah
Single impact energy	1.5 J
Full hammering frequency	5040 impacts/minute
Weight according to EPTA Procedure 01/2003	2.7 kg
Dimensions (LxWxH)	322 x 94 x 238 mm
Hammer drill bits (optimum dia. range)	5 - 12 mm
Drilling diameter range for hammer drill bits	5 - 16 mm
Working mode	Hammer drilling, Drilling only
A-weighted emission sound pressure level acc. to EN 60745	92 dB (A)



Ordering designation	Package contents	Sales pack quantity	Item number
TE 2-A22	1x Cordless rotary hammer TE 2-A22, 1 x Case	1	2034358

Cordless rotary hammer TE 6-A36-AVR



Applications

- Drilling and hammer drilling in concrete and masonry
- Occasional drilling in wood and steel with optional quick-release chuck
- Screwdriving using the special bit holder with TE-C (SDS Plus) connection end
- Drilling in concrete in clean areas using the integrated dust removal system (DRS-6-A)

Advantages

- High battery capacity - drills more holes per battery charge than other cordless rotary hammers in the same class
- Hilti CPC Li-ion technology featuring accurate battery charge status display and individual battery cell monitoring for maximum service life
- Excellent performance and best battery capacity for a tool of this weight
- Outstanding working comfort thanks to AVR Active Vibration Reduction
- Virtually dustless drilling with the DRS-6-A dust removal system
- Interchangeable TE-C Click chuck system for versatility and ease of use

Technical data

Rated voltage	36 V
Battery capacity	3.0 Ah
Single impact energy	2 J
Full hammering frequency	5283 impacts/minute
Weight according to EPTA Procedure 01/2003	4 kg
Dimensions (LxWxH)	344 x 94 x 215 mm
Hammer drill bits (optimum dia. range)	5 - 16 mm
Drilling diameter range for hammer drill bits	5 - 20 mm
Working mode	Hammer drilling, Drilling only
Active Vibration Reduction	Yes




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Ordering designation	Package contents	Sales pack quantity	Item number
TE 6-A36-AVR	1x Cordless rotary hammer TE 6-A36-AVR, 1 x Case	1	2040910

Accessories for Cordless Rotary Hammers.

Ordering designation		TE 2-A22	TE 6-A36-AVR	Sales pack quantity	Item number
Angular chuck TE-AC 1		■	■	1	272701
Battery charger C 4/36-350 230V box		■	■	1	2028876
Battery pack B 22/3.3 Li-Ion		■		1	2007431
Battery pack B 36/3.0 Li-Ion			■	1	418009
Dust removal system TE DRS-6-A box			■	1	2040914
Quick-release chuck TE 2M/7C/7A/6A Li			■	1	224119

Rotary hammer TE 2



Applications

- Everyday hammer drilling in concrete, masonry and natural stone
- Occasional drilling in steel, wood and plastics using the optional chuck adaptor
- Driving screws using the optional bit holder
- Reverse rotation is useful for removing stuck drill bits
- Drilling in the 3-13 mm diameter range in solid metal / up to 20 mm in sheet metal
- Driving screws using the special bit holder

Advantages

- Dual-mode SDS rotary hammer (hammer drilling and drilling)
- Sturdy motor with high load rating for maximum reliability
- “TE-C Click” chuck and user-friendly selector switch for high working comfort
- Electronic switch for precise hole-starting
- 360° side handle adjusts easily for preference or for use in tight spaces
- Lock-on button for continuous fatigue-free use



Technical data

Rated power	650 W
Optimum drilling diameter in concrete	5 - 12 mm
Drilling diameter range for hammer drill bits	5 - 22 mm
Single impact energy	1.8 J
A-weighted emission sound pressure level acc. to EN 60745	91 dB (A)
Dust removal module	TE DRS-S (optional)
Full hammering frequency	4600 impacts/minute
Dimensions (LxWxH)	352 x 89 x 203 mm
Weight according to EPTA Procedure 01/2003	2.7 kg



Ordering designation	Description	Sales pack quantity	Item number
TE 2 Rotary Hammer	1 X Rotary hammer TE 2 230V, 1 X case	1	228091

Rotary hammer TE 2-M



Applications

- Everyday hammer drilling in concrete, masonry and natural stone
- 2 gears for optimal drilling speed in steel, wood and plastics using the optional quick-release chuck
- Driving screws using the optional bit holder
- Reverse rotation is useful for removing stuck drill bits

Advantages

- Triple-mode SDS rotary hammer (hammer drilling plus 2 gears for rotary-only drilling)
- Sturdy motor with high load rating for maximum reliability
- Quick-change “TE-C Click” chuck and user-friendly selector switch for high working comfort
- Electronic switch for precise hole-starting
- 360° side handle adjusts easily for preference or for use in tight spaces
- Quick-release chuck for drilling in steel, wood and plastics

Technical data

Rated power	650 W
Optimum drilling diameter in concrete	5 - 12 mm
Drilling diameter range for hammer drill bits	5 - 22 mm
Single impact energy	1.8 J
A-weighted emission sound pressure level acc. to EN 60745	91 dB (A)
Dust removal module	TE DRS-S (optional)
Full hammering frequency	4600 impacts/minute
Dimensions (LxWxH)	360 x 89 x 203 mm
Weight	2.9 kg



reddot design award winner 2008



Ordering designation	Description	Sales pack quantity	Item number
TE 2-M Rotary Hammer	1 X Rotary hammer TE 2-M 230V, 1 X case, interchangeable quick-release chuck	1	228117

Rotary hammer TE 7



Drilling and Demolition

Applications

- Drilling and hammer drilling in concrete and masonry
- Occasional drilling in wood and steel with optional quick-release chuck
- Cutting socket recesses in masonry

Advantages

- Robustly built and superbly engineered for maximum reliability and long life
- Virtually dustless drilling with the DRS-M dust removal system
- Excellent performance to weight ratio, with a compact design
- Interchangeable "TE-C Click" chuck system for versatility and ease of use
- Electronic switch for precise hole-starting
- Forward / reverse switch

Technical data

Rated power	710 W
Optimum drilling diameter in concrete	6 - 16 mm
Drilling diameter range for hammer drill bits	5 - 24 mm
Single impact energy	1.8 J
A-weighted emission sound pressure level acc. to EN 60745	89 dB (A)
Dust removal module	TE DRS-M (optional)
Full hammering frequency	4980 impacts/minute
Dimensions (LxWxH)	320 x 75 x 215 mm
Weight according to EPTA Procedure 01/2003	2.9 kg



Ordering designation	Description	Sales pack quantity	Item number
TE 7 Rotary Hammer	1x Rotary hammer TE 7 230V, 1x Case	1	428634

Rotary hammer TE 7-C



Applications

- Drilling and hammer drilling in concrete and masonry
- Corrective chiseling and small channel openings in concrete
- Occasional drilling in wood and steel with optional quick-release chuck
- Drilling in concrete in clean areas using the integrated dust removal system (DRS-M)
- Cutting socket recesses in masonry

Advantages

- Ergonomically designed D-grip for comfortable use over long periods
- Robustly built and superbly engineered for maximum reliability and long life
- Interchangeable “TE-C Click” chuck system for versatility and ease of use
- Virtually dustless drilling with the DRS-M dust removal system
- High drilling performance
- Electronic switch for precise hole-starting



reddot design award
winner 2007 – best of the best



Technical data	
Rated power	720 W
Optimum drilling diameter in concrete	6 - 16 mm
Drilling diameter range for hammer drill bits	5 - 28 mm
Single impact energy	2.6 J
A-weighted emission sound pressure level acc. to EN 60745	89 dB (A)
Dust removal module	TE DRS-M (optional)
Full hammering frequency	4020 impacts/minute
Dimensions (LxWxH)	343 x 86 x 215 mm
Weight according to EPTA Procedure 01/2003	3.5 kg



Ordering designation	Description	Sales pack quantity	Item number
TE 7C Rotary Hammer	1x Rotary hammer TE 7-C 230V, 1x Case	1	228056

Rotary hammer TE 30

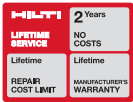


Applications

- Drilling anchor holes and through-holes in concrete and masonry, diameter range 5 to 28 mm, recommended range 10 to 20 mm
- Drilling in wood using 10 to 35 mm diameter bits
- Drilling in wood and metal using the keyless chuck and smooth-shank drill bits up to 13 mm dia.
- Drilling in wood and metal using the quick-release chuck and smooth-shank drill bits up to 13 mm diameter
- Driving anchor screws and concrete screw anchors

Advantages

- The best power-to-weight ratio in its class
- Superior working comfort: perfect balance, low weight and compact design
- Ruggedly built from high-grade materials and components for unbeaten, extra-long lifetime
- Quick-release chucks for easy, keyless bit changing



SDS plus

Technical data

Rated power	850 W
Optimum drilling diameter in concrete	10 - 20 mm
Drilling diameter range for hammer drill bits	5 - 28 mm
Single impact energy	3.3 J
A-weighted emission sound pressure level acc. to EN 60745	90 dB (A)
Full hammering frequency	4080 impacts/minute
Dimensions (LxWxH)	359 x 93 x 213 mm
Weight according to EPTA Procedure 01/2003	4 kg
Rotation speed gear 1 under no load	750 rpm



Ordering designation	Description	Sales pack quantity	Item number
TE 30 rotary hammer	1x Rotary hammer TE 30 230V, 1x Case	1	404248

Rotary hammer TE 30-C AVR



Applications

- Drilling anchor holes and through-holes in the 5 - 26 mm diameter range in concrete and masonry; recommended range 10 - 20 mm
- Mixing applications, e.g. paint, plaster, etc.
- Drilling in wood and metal using the keyless chuck and drill bits with smooth shank up to 13 mm dia.
- Driving anchor screws and concrete screw anchors
- Light chiseling on brick and block, corrective chiseling and finishing on concrete

Advantages

- Rotary hammer with chiseling function for wide range of applications
- Optimum speed even under high load: constant-speed electronics maintain speed automatically
- AVR Active Vibration Reduction makes the tool less tiring to use and increases daily productivity
- Superior working comfort: perfect balance, low weight, compact design and low vibration
- Ruggedly built from high-grade materials and components for unbeaten, extra-long lifetime
- Choice of chucks available, can be changed quickly without need for tools



Technical data	
Rated power	850 W
Optimum drilling diameter in concrete	10 - 20 mm
Drilling diameter range for hammer drill bits	5 - 28 mm
Single impact energy	3.3 J
A-weighted emission sound pressure level acc. to EN 60745	90 dB (A)
Full hammering frequency	4080 impacts/minute
Dimensions (LxWxH)	379 x 93 x 213 mm
Weight according to EPTA Procedure 01/2003	4.2 kg
Rotation speed gear 1 under no load	750 rpm



Ordering designation	Description	Sales pack quantity	Item number
TE 30-C AVR rotary hammer	1x Rotary hammer TE 30-C AVR 230V, 1x Case	1	404265

Rotary hammer TE 40



Applications

- Hammer drilling in concrete, masonry and natural stone (recommended diameter range: 14 to 24 mm)
- Light chiseling work on concrete and masonry
- Socket cutting using percussion core bits up to 68 mm dia.
- Drilling with high torque in wood and metal

Advantages

- The most powerful combihammer in the TE-C class (SDS-plus)
- Maximum operating comfort due to perfectly balanced, ergonomic design
- Extremely wide application range due to easily interchangeable chucks: TE-C Click chuck (SDS-plus), 3-jaw key chuck, and keyless quick-release chuck



SDS plus

Technical data

Rated power	1010 W
Optimum drilling diameter in concrete	14 - 24 mm
Drilling diameter range for hammer drill bits	8 - 28 mm
Single impact energy	4.9 J
A-weighted emission sound pressure level acc. to EN 60745	90 dB (A)
Full hammering frequency	3180 impacts/minute
Dimensions (LxWxH)	425 x 113 x 243 mm
Weight according to EPTA Procedure 01/2003	5.5 kg
Rotation speed gear 1 under no load	550 rpm



Ordering designation	Description	Sales pack quantity	Item number
TE 40 Rotary hammer	1x Rotary hammer TE 40 230V, 1x Case	1	383877

Accessories for Corded rotary hammers

Ordering designation		TE 2	TE 2-M	TE 7	TE 7-C	TE 30	TE 30-C-AVR	TE 40	Sales pack quantity	Item number
Quick-release chuck 13		■	■						1	60208
Chuck spindle TE-C-BFH		■	■						1	60459
Chuck TE 2-M NG/TE 7-C assy			■	■	■				1	273118
Quick-release chuck TE 2M/7C/7A/6A Li				■	■				1	224119
Angular chuck TE-AC 1				■	■				1	272701
SDS plus magnetic bit holder		■	■	■	■	■	■		1	306013
Dust removal system TE DRS-M				■	■				1	267769
Key-type chuck						■	■	■	1	282342
Quick-release chuck TE 16/TE 30						■	■	■	1	282341
Chuck TE-C Click						■	■		1	284095
Chuck TE-C Click TE 40								■	1	305590

Hammer drill bit TE-CX



Applications

- Drilling holes for metal anchors in reinforced and unreinforced concrete
- Drilling holes for post-installed rebar connections
- Drilling through-holes for pipes and cables

Advantages

- New solid carbide head for less wear and more holes with the accuracy required for setting anchors
- The indicator mark at the head ensures suitability for setting anchors - so long as the mark is visible
- Solid carbide head with four carbide cutting edges in innovative X-geometry for optimum material removal

Drilling and Demolition

Ordering designation	Diameter	Working length	Sales pack quantity	Item number
TE-CX 5/17	5 mm	100 mm	1	433786
TE-CX 5.5/17	5.5 mm	100 mm	1	206522
TE-CX 6/22	6 mm	150 mm	1	433790
TE-CX 6/27	6 mm	200 mm	1	433791
TE-CX 6/32	6 mm	250 mm	1	409172
TE-CX 8/17	8 mm	100 mm	1	409176
TE-CX 8/22	8 mm	150 mm	1	409177
TE-CX 8/27	8 mm	200 mm	1	409178
TE-CX 10/17	10 mm	100 mm	1	409188
TE-CX 10/22	10 mm	150 mm	1	409189
TE-CX 10/27	10 mm	200 mm	1	409190
TE-CX 10/37	10 mm	300 mm	1	409191
TE-CX 10/47	10 mm	400 mm	1	409192
TE-CX 12/17	12 mm	100 mm	1	409197
TE-CX 12/22	12 mm	150 mm	1	409198
TE-CX 12/27	12 mm	200 mm	1	409199
TE-CX 12/37	12 mm	300 mm	1	409200
TE-CX 12/47	12 mm	400 mm	1	409201
TE-CX 14/17	14 mm	100 mm	1	409205
TE-CX 14/22	14 mm	150 mm	1	409206
TE-CX 14/27	14 mm	200 mm	1	409207
TE-CX 14/37	14 mm	300 mm	1	409208
TE-CX 14/47	14 mm	400 mm	1	409209
TE-CX 15/27	15 mm	200 mm	1	409212
TE-CX 15/47	15 mm	400 mm	1	409213
TE-CX 16/17	16 mm	100 mm	1	409214
TE-CX 16/22	16 mm	150 mm	1	409215
TE-CX 16/27	16 mm	200 mm	1	409216
TE-CX 16/47	16 mm	400 mm	1	409217
TE-CX 18/22	18 mm	150 mm	1	421956
TE-CX 18/32	18 mm	250 mm	1	421960
TE-CX 18/48	18 mm	400 mm	1	421961
TE-CX 18/61	18 mm	540 mm	1	427806
TE-CX 20/22	20 mm	150 mm	1	421963
TE-CX 20/32	20 mm	250 mm	1	421965
TE-CX 20/48	20 mm	400 mm	1	421966
TE-CX 22/27	22 mm	200 mm	1	421968
TE-CX 22/48	22 mm	400 mm	1	421969
TE-CX 24/27	24 mm	200 mm	1	421971
TE-CX 24/62	24 mm	540 mm	1	427817
TE-CX 25/27	25 mm	200 mm	1	421977
TE-CX 25/48	25 mm	400 mm	1	422660
TE-CX 26/27	26 mm	200 mm	1	421979
TE-CX 26/48	26 mm	400 mm	1	421980
TE-CX 28/27	28 mm	200 mm	1	421981
TE-CX 28/48	28 mm	400 mm	1	421983

Ordering designation	Diameter	Working length	Sales pack quantity	Item number
TE-CX 5/12	5 mm	50 mm	8	2021990
TE-CX 5/15	5 mm	80 mm	8	2021991
TE-CX 5/17	5 mm	100 mm	8	2021992
TE-CX 5.5/12	5.5 mm	50 mm	8	2021994
TE-CX 5.5/15	5.5 mm	80 mm	8	2021995
TE-CX 5.5/17	5.5 mm	100 mm	8	2021996
TE-CX 6/12	6 mm	50 mm	8	2021997
TE-CX 6/17	6 mm	100 mm	8	2021998
TE-CX 6/22	6 mm	150 mm	8	2021999
TE-CX 8/12	8 mm	50 mm	8	2022002
TE-CX 8/17	8 mm	100 mm	8	2022003
TE-CX 8/22	8 mm	150 mm	8	2022004
TE-CX 10/17	10 mm	100 mm	8	2022008
TE-CX 10/22	10 mm	150 mm	8	2022009
TE-CX 10/27	10 mm	200 mm	8	2022010
TE-CX 12/17	12 mm	100 mm	8	2022012
TE-CX 12/22	12 mm	150 mm	8	2022013
TE-CX 12/27	12 mm	200 mm	8	2022014
TE-CX 14/17	14 mm	100 mm	8	2022016
TE-CX 14/22	14 mm	150 mm	8	2022017
TE-CX 14/27	14 mm	200 mm	8	2022018
TE-CX 16/17	16 mm	100 mm	8	2022019
TE-CX 16/22	16 mm	150 mm	8	2022020
TE-CX 16/27	16 mm	200 mm	8	2022021

Combihammer TE 50



Drilling and Demolition

Applications

- Hammer drilling in masonry, concrete and natural stone 16 - 25 mm)
- Penetrations in masonry using percussion core bits 68 mm dia.)
- Light chiseling in masonry

Advantages

- Lightest combihammer in the TE-Y class (SDS Max)
- Top performance with extremely compact design
- Maximum operating comfort due to perfectly balanced, ergonomic design
- Rugged and durable



SDS max

Technical data

Rated power	1050 W
Single impact energy	5.2 J
Hammer drill bits (optimum dia. range)	16 - 25 mm
Triaxial vibration value for hammer drilling into concrete (ah,HD)¹⁾	16.1 m/s ²
Dimensions (LxWxH)	462 x 113 x 243 mm
Full hammering frequency	3180 impacts/minute
Tool chuck type	TE-Y (SDS-max)
Weight according to EPTA Procedure 01/2003	5.7 kg
Service indicator	Yes
Connection end	TE-Y (SDS-max)
Rotation speed gear 1 under no load	550 rpm

¹⁾ according to EN 60745



Ordering designation	Description	Sales pack quantity	Item number
TE 50 Combihammer	1x Combihammer TE 50 230V, 1x Case	1	383900

Combihammer TE 60 **NEW**



Applications

- Drilling anchor and through-holes in concrete and masonry in diameters 12 - 100 mm, recommended diameter range 15 - 40 mm
- Coring with TE-Y-BK core bits up to 100 mm diameter in masonry and concrete
- Medium-duty demolition work

Advantages

- Virtually dustless coring and chiseling with the new, optional dust removal system
- Ruggedly built for a long lifetime
- Center of gravity close to the grip for good balance and handling



Technical data	
Single impact energy	7.3 J
Hammer drill bits (optimum dia. range)	16 - 40 mm
Triaxial vibration value for hammer drilling into concrete (ah,HD) ¹⁾	18.5 m/s ²
Dimensions (LxWxH)	480 x 115 x 274 mm
Full hammering frequency	3300 impacts/minute
Tool chuck type	TE-Y (SDS-max)
Weight according to EPTA Procedure 01/2003	6.4 kg
Service indicator	Yes
Connection end	TE-Y (SDS-max)
Rotation speed gear 1 under no load	350 rpm

¹⁾ according to EN 60745-2-6



Ordering designation	Description	Sales pack quantity	Item number
TE 60 Combo	TE 60 Combo (1pc TE 60 + 1pc TE-Y 25/32 + 1pc TE-Y 20/32)	1	3545113

Combihammer TE 70-AVR



Applications

- Hammer drilling in concrete, masonry and natural stone from 12 - 150 mm diameter
- Drilling holes for heavy-duty anchors from 20 - 40 mm in diameter
- Breaching and demolition with pointed and flat chisels
- Hammer drilling in concrete, masonry and natural stone with drill bits from 1/2" - 6" in diameter
- Drilling holes for heavy-duty anchors 3/4" - 1 3/4" in diameter

Advantages

- High speed of rotation (360 rpm) for extra drilling performance
- Optimized mechanical clutch for maximum torque transfer
- Maximum user comfort thanks to low contact pressure and Active Vibration Reduction (AVR) system for low vibration
- Center of gravity close to the grip for optimum balance
- Glass-fiber reinforced casing parts for ruggedness and long life





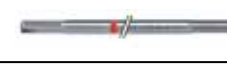



Technical data

Rated power	1800 W
Optimum drilling diameter in concrete	22 - 40 mm
Drilling diameter range for hammer drill bits	16 - 40 mm
Single impact energy	11.5 J
Full hammering frequency	2760 impacts/minute
Dimensions (LxWxH)	540 x 125 x 305 mm
Weight according to EPTA Procedure 01/2003	8.3 kg
Rotation speed gear 1 under no load	360 rpm
Service indicator	Yes



Ordering designation	Description	Sales pack quantity	Item number
TE 70-AVR 230V	1x Combihammer TE 70-AVR 230V, 1x Case	1	2062998

Accessories for Combihammers

Ordering designation		TE 50	TE 70-AVR	Sales pack quantity	Item number
Dust removal system TE-DRS-Y		■	■	1	2055718
Quick-release chuck 13		■	■	1	60208
Chuck Spindle TE-Y-BFH		■	■	1	263359
Adapter TE-Y-AD			■	1	382390
Drill bit extension TE-FY-E35			■	1	1952
Drill bit extension TE-FY-E60			■	1	1953
Drill bit extension TE-FY-E85			■	1	1954
Univ. vacuum cleaner VC 20-U 230V		■	■	1	222209

Hammer drill bit TE-YX



Applications

- Easily drill in hard-to-access locations for mechanical and electrical installation
- Reinforcing foundations of older buildings during renovation
- Installing rebar in bridges and tunnels

Advantages

- Solid carbide head for top performance, maximum reliability and less jamming when hitting rebar
- Heat treated flute for less wear, and ductile core for a robust drill bit body
- Drill bit head embedded on four sides for maximum durability and longer life

Ordering designation	Diameter	Working Length	Sales pack quantity	Item number
TE-YX 12/35	12 mm	200 mm	1	206499
TE-YX 12/55	12 mm	400 mm	1	206500
TE-YX 14/35	14 mm	200 mm	1	206502
TE-YX 14/55	14 mm	400 mm	1	206503
TE-YX 15/35	15 mm	200 mm	1	206504
TE-YX 15/55	15 mm	400 mm	1	206505
TE-YX 16/35	16 mm	200 mm	1	206506
TE-YX 16/55	16 mm	400 mm	1	206507
TE-YX 18/32	18 mm	200 mm	1	293052
TE-YX 18/52	18 mm	400 mm	1	293053
TE-YX 20/32	20 mm	200 mm	1	293141
TE-YX 20/52	20 mm	400 mm	1	293142
TE-YX 22/32	22 mm	200 mm	1	293161
TE-YX 22/52	22 mm	400 mm	1	293167
TE-YX 24/32	24 mm	200 mm	1	293182
TE-YX 24/52	24 mm	400 mm	1	293193
TE-YX 25/32	25 mm	200 mm	1	293210
TE-YX 25/52	25 mm	400 mm	1	293217
TE-YX 25/92	25 mm	800 mm	1	293229
TE-YX 28/32	28 mm	200 mm	1	293233
TE-YX 28/52	28 mm	400 mm	1	293235
TE-YX 30/37	30 mm	250 mm	1	293239
TE-YX 30/57	30 mm	450 mm	1	293258
TE-YX 30/92	30 mm	800 mm	1	293259
TE-YX 32/37	32 mm	250 mm	1	293408
TE-YX 32/57	32 mm	450 mm	1	293409
TE-YX 32/92	32 mm	800 mm	1	293410
TE-YX 35/57	35 mm	450 mm	1	293412
TE-YX 37/37	37 mm	250 mm	1	293413
TE-YX 37/57	37 mm	450 mm	1	293415
TE-YX 40/37	40 mm	250 mm	1	293418
TE-YX 40/57	40 mm	450 mm	1	2934211

Breaker TE 500



Applications

- Chiseling work on concrete and masonry walls
- Channeling on concrete and masonry
- Repairing concrete
- Removing plaster and tiles
- Chiseling breaches and penetrations for pipes in walls and floors

Advantages

- More power with less weight
- Side handle with full radial and axial adjustment for a secure grip in virtually any position
- Optional DRS-B dust removal system collects up to 95% of hazardous fine dust
- Lockable switch for easy sustained operation during long periods of use
- Perfect starting characteristics and high working comfort

Technical data

Rated power	1100 W
Single impact energy	7.5 J
Full hammering frequency	3180 impacts/minute
Dimensions (LxWxH)	471 x 108 x 243 mm
Weight according to EPTA Procedure 01/2003	5.7 kg
Service indicator	Yes
Max. chiselling performance	1050 cm ³ /min



Ordering designation	Package contents	Sales pack quantity	Item number
Breaker TE 500	1x Breaker TE 500 230V, 1x instruction manual, 1x Hilti grease, 1x cleaning cloth	1	274701

Breaker TE 700-AVR



Drilling and Demolition

Applications

- Heavy wall demolition on masonry and brick
- Large-scale plaster removal
- Tile removal on walls and floors
- Window and door openings
- Bushing applications for roughening or smoothing surfaces
- Correctional work in new construction

Advantages

- Highest impact energy in the 7kg class (11,5J)
- Brushless SR drive - outstanding lifetime
- Sub-chassis AVR - for greater working comfort (6.5m/s²)
- Inline shape - well balanced, great handling
- Power reduction - more flexibility

HILTI	1 Year
LIFETIME SERVICE	NO COSTS
Lifetime	Lifetime
REPAIR COST LIMIT	MANUFACTURER'S WARRANTY



Technical data

Rated power	1300 W
Single impact energy	11.5 J
Full hammering frequency	2760 impacts/minute
Dimensions (LxWxH)	564 x 125 x 248 mm
Weight according to EPTA Procedure 01/2003	7.9 kg
Reduced impact energy	Yes
Active Vibration Reduction	Yes
Service indicator	Yes
Brushless motor	Yes
Max. chiselling performance	1020 cm ³ /min



Ordering designation	Description	Sales pack quantity	Item number
Breaker TE 700-AVR	1x Breaker TE 700-AVR 230V, 1x instruction manual, 1x Hilti grease, 1x cleaning cloth	1	428937

Breaker TE 800-AVR



Applications

- Demolition work on walls
- Corrective work on floor slabs
- Breaking out openings for doors and windows
- Making penetrations for ducts and pipes

Advantages

- Powerful breaking performance thanks to exceptional impact energy and innovative Hilti chisels
- “D-handle” design for perfect balance in wall applications and good handling in universal use
- Lowest vibration values in its class thanks to Hilti’s innovative Active Vibration Reduction (AVR) sub-chassis system
- Hilti wall chisels developed exclusively for wall applications boost productivity and improve handling thanks to light weight, perfect length and air-hardened steel for outstanding tip sharpness
- Optional TE DRS-B dust removal system eliminates up to 95% of the fine dust produced
- One-touch power reduction button for use on lighter materials and for greater precision in controlled breaking jobs



Technical data

Single impact energy	21 J
Triaxial vibration for chiselling in concrete ¹⁾	9.0 m/s ²
Weight according to EPTA Procedure 01/2003	10.6 kg
Active Vibration Reduction	Yes
Brushless motor	No
Full hammering frequency	1890 impacts/minute
Reduced impact energy	Yes
Dust removal module	TE DRS-B (optional)
Max. chiselling performance	2500 cm ³ /min
Constant speed motor electronics	Yes

¹⁾ according to EN 60745-2-6



Ordering designation	Package contents	Sales pack quantity	Item number
TE 800-AVR Combo A	1pc TE 800-AVR + 2pcs TE-SP SM36~Wave	1 pc	3540688
TE 800-AVR Combo B	1pc TE 800-AVR + 2pcs TE-SP SM50~Wave	1 pc	3540689
TE 800-AVR Combo C	1pc TE 800-AVR + 1pc TE-SP SM36~Wave + 1pc TE-SP SM50~Wave	1 pc	3540690
TE 800-AVR	1x Breaker TE 800-AVR 30V, 1x Case, 1x instruction manual, 1x Hilti grease, 1x cleaning cloth	1 pc	2064657

Breaker TE 1000-AVR



Applications

- Demolishing concrete and masonry at floor level
- Removing tiles, bushing and compacting
- Renovating floors of all kinds
- Corrective chiselling such as adjustments to door and window openings

Advantages

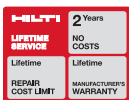
- Powerful breaking performance thanks to exceptional impact energy and innovative Hilti Polygon chisel design
- Lowest vibration values in its class thanks to Hilti's innovative sub-chassis Active Vibration Reduction (AVR) system
- Maintenance-free brushless SR motor and triple-chamber lubrication systems for longer service intervals and tool lifetime
- Optional TE DRS-B dust removal system collects up to 95% of dust
- Inline design for easier handling in demanding breaking applications

Technical data

Single impact energy	26 J
Triaxial vibration for chiselling in concrete¹⁾	5.0 m/s ²
Weight according to EPTA Procedure 01/2003	12.5 kg
Active Vibration Reduction	Yes
Brushless motor	Yes
Full hammering frequency	1950 impacts/minute
A-weighted emission sound pressure level²⁾	85 dB (A)
Reduced impact energy	Yes
Supply cord length	4 m
Dust removal module	TE DRS-B (optional)
Max. chiselling performance	7800 cm ³ /min

¹⁾ according to EN 60745-2-6

²⁾ according to EN 60745



Ordering designation	Package contents	Sales pack quantity	Item number
TE 1000-AVR Combo A	1pc TE 1000-AVR + 2pcs TE-SP SM36~Wave	1 pc	3540691
TE 1000-AVR Combo B	1pc TE 1000-AVR + 2pcs TE-SP SM50~Wave	1 pc	3540692
TE 1000-AVR Combo C	1pc TE 1000-AVR + 1pc TE-SP SM36~Wave +1pc TE-SP SM50~Wave	1 pc	3540773
TE 1000-AVR Breaker	1x Breaker TE 1000-AVR 230V, 1x instruction manual, 1x Hilti grease, 1x cleaning cloth	1 pc	2078522

Breaker TE 1500-AVR



Applications

- Extensive demolition work at or near floor level
- Exposing reinforcement in foundations
- Breaking out openings for stairs, risers and shafts
- Creating large channels in floors, e.g. for waste water pipes
- Breaking up asphalt in surface renewal work, e.g. sewer maintenance

Advantages

- Powerful electropneumatic hammering mechanism, SR motor and polygon chisels for high breaking performance
- Low weight and great balance for excellent handling in demanding applications
- Optional TE DRS-B dust removal system removes up to 95% of dust
- Active Vibration Reduction (AVR) reduces vibration and extends permissible periods of continuous use

Technical data	
Rated power	1800 W
Single impact energy	30 J
A-weighted emission sound pressure level acc. to EN 60745	89 dB (A)
Full hammering frequency	1620 impacts/minute
Dimensions (LxWxH)	760 x 138 x 230 mm
Weight according to EPTA Procedure 01/2003	14.2 kg
Active Vibration Reduction	Yes
Service indicator	Yes
Brushless motor	Yes
Max. chiselling performance	8830 cm ³ /min



Ordering designation	Description	Sales pack quantity	Item number
TE 1500-AVR Breaker	1x Breaker TE 1500-AVR 230V, 1x instruction manual, 1x Hilti grease, 1x cleaning cloth	1	248985
TE 1500-AVR Combo	1pc TE 1500-AVR + 2 pcs TE-SP SM36~Wave	1	3540550

Breaker TE 3000-AVR



Drilling and Demolition

Applications

- The mighty TE 3000-AVR brings impressive hammering power to big concrete demolition jobs
- Breaking up asphalt the quick, easy way - in road building, repair work and pipe laying
- The TE 3000-AVR, unlike air tools, needs no compressor and is therefore easy to transport, highly versatile and ready for use in minutes

Advantages

- Awesome hammering impact energy of 68 joules
- Impressive breaking performance - up to 6 tons of concrete per hour
- Minimal vibration - less than 7m/s², i.e. over 4 hours permissible trigger time
- Longer service intervals and long life thanks to the brushless maintenance-free SR motor
- Versatile, easy to operate, easy to transport and ready for use in minutes, which pays off especially in smaller demolition jobs
- Low operating costs as no compressor is required

Technical data

Rated power	2070 W
Single impact energy	68 J
Full hammering frequency	860 impacts/minute
Dimensions (LxWxH)	808 x 610 x 209 mm
Weight according to EPTA Procedure 01/2003	29.9 kg
Active Vibration Reduction	Yes
Service indicator	Yes
Brushless motor	Yes
Max. chiselling performance	40000 cm ³ /min
Tool chuck type	HEX 28








reddot design award best of the 2010



Ordering designation	Description	Sales pack quantity	Item number
TE 3000-AVR Breaker	1x Breaker TE 3000-AVR, 1x Trolley, 1x Supply card, 1x instruction manual, 1x TE-H28P SM40 + 1x TE-H28P SM50	1	3494159

Accessories for Breakers

Ordering designation		TE 500-AVR	TE 700-AVR	TE 1000-AVR	TE 1500-AVR	TE 3000-AVR	Sales pack quantity	Item number
Dust removal system TE DRS-B box		■	■	■	■		1	365945
Univ. vacuum cleaner VC 20-U 230V		■	■	■	■		1	222209
Supply cord TE 3000-AVR GB 230V						■	1	414105
Trolley TE 3000-AVR						■	1	401293

Pointed chisel TE-CP-SM



Applications

- Light chiseling work

Advantages

- Innovative Hilti Polygon design with self-sharpening tip profile

Ordering designation	Length	Item number
TE-CP SM 18	180 mm	282298
TE-CP SM 25	250 mm	282299

Drilling and Demolition

Narrow-flat chisel TE-CP-FM



Applications

- Chipping

Technical data

Width	15 mm
-------	-------

Advantages

- Innovative design with self-sharpening tip profile

Ordering designation	Length	Item number
TE-CP FM 18	180 mm	282300
TE-CP FM 25	250 mm	282301

Pointed chisel TE-YP-SM



reddot design award winner 2007



Applications

- Breaking

Advantages

- Innovative Hilti Polygon design with self-sharpening tip profile

Ordering designation	Length	Item number
TE-YP SM 28	280 mm	282263
TE-YP SM 36	360 mm	282264
TE-YP SM 50	500 mm	282265
TE-YP SM 70	700 mm	282266

Narrow-flat chisel TE-YP-FM



Applications

- Breaking

Advantages

- Innovative design with self-sharpening tip profile

Technical data

Width	26 mm
-------	-------

Ordering designation	Length	Item number
TE-YP FM 28	280 mm	282267
TE-YP FM 36	360 mm	282268
TE-YP FM 50	500 mm	282269
TE-YP FM 70	700 mm	282270

Wide-flat chisel TE-YP-SPM



Applications

- Chipping

Advantages

- Innovative design with self-sharpening blade

Ordering designation	Length	Width	Sales pack quantity	Item number
TE-YP SPM 5/28	280 mm	50 mm	1	282271
TE-YP SPM 8/28	280 mm	80 mm	1	282272
TE-YP SPM 5/36	360 mm	50 mm	1	282273
TE-YP SPM 12/36	360 mm	120 mm	1	282274
TE-YP SPM 12/50	500 mm	120 mm	1	282275

Bushing tool TE-Y SKHM



Applications

- Roughening up smooth surfaces

Advantages

- Bushing tool with high quality carbide pins for optimum performance in surface work

Technical data

Width	40 mm
Length	250 mm

Ordering designation	Item number
TE-Y SKHM	62893

Pointed chisel TE-SP SM (Wave)



Applications

- Breaking

Advantages

- Innovative Hilti Polygon design with self-sharpening
- Reduce sticking in concrete

Ordering designation	Length	Item number
TE-SP SM 36	360 mm	2065553
TE-SP SM 50	500 mm	2065554
TE-SP SM 70	700 mm	2065555

Narrow-flat chisel TE-SP FM (Wave)



Applications

- Breaking

Advantages

- Innovative design with self-sharpening blade
- Better controlled breaking in concrete

Technical data

Width	32 mm
--------------	-------

Ordering designation	Length	Item number
TE-SP FM 36	360 mm	2065556
TE-SP FM 50	500 mm	2065557
TE-SP FM 70	700 mm	2065558

Wide-flat chisel TE-SP SPM



Applications

- Chipping

Advantages

- Innovative design with self-sharpening blade

Ordering designation	Length	Width	Item number
TE-SP SPM 5/36	360 mm	50 mm	406773
TE-SP SPM 8/36	360 mm	80 mm	406775
TE-SP SPM 8/50	500 mm	80 mm	406776
TE-SP SPM 12/36	360 mm	120 mm	406777
TE-SP SPM 12/50	500 mm	120 mm	406778

Pointed chisel TE-H28P SM



Applications

- Heavy demolition in concrete

Advantages

- Fast and powerful penetration

Ordering designation	Length	Item number
TE-H28P SM 40	400 mm	417824
TE-H28P SM 50	500 mm	417825

Narrow-flat chisel TE-H28P FM



Applications

- Controlled concrete demolition

Advantages

- Unmatched working length

Technical data	
Width	38 mm
Length	400 mm

Ordering designation	Sales pack quantity	Item number
TE-H28P FM 40	1 pc	417826

Wide-flat chisel TE-H28P SPM



Applications

- Controlled concrete breaking

Advantages

- Unmatched working length

Technical data	
Width	80 mm
Length	400 mm

Ordering designation	Item number
TE-H28P SPM 8/40	417828

Cordless Systems

Leading-edge Technology. Outstanding Service.





Introduction

Introduction

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Drill drivers

Cordless compact drill driver SFC 22-A

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Cordless hammer drill driver SFH 22-A

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Accessories for drill drivers

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Impact screwdrivers

Cordless impact wrench SIW 22-A

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Cordless impact wrench SIW 22T-A

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Accessories for impact screwdrivers

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Advanced cordless technology of new 22V batteries

SUB-ZERO ENVIRONMENTS

The Low Temperature Module (LTM) allows for dynamic voltage regulation at sub-zero temperatures to deliver the same level of power and runtime as they would in warmer temperatures.

HIGHER, RELIABLE OUTPUT

Placing a double tap on each cell allows our tools to handle larger loads and ensures that the power delivery in each trigger pull is always consistent, helping you do your job faster and right at the first time.

MULTIPLE TOOL CONNECTIONS

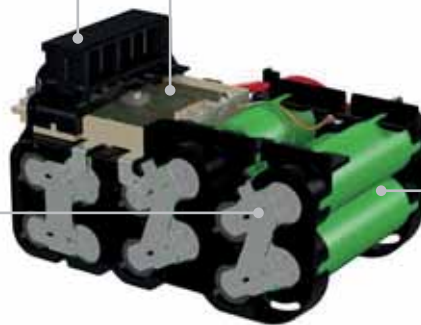
We've built our new batteries to be compatible with all of our tools and chargers across the platform, reducing your inventory and optimizing your tool / battery fleet.

EASY TO MONITOR

With 4 LED state-of-charge indicators, workers will never be surprised with an empty pack.

QUICK CHARGING

A cooler battery charges faster and delivers power longer. We've built in the maximum number of cooling slots to protect against overheat and allow quicker charging with our intelligent charging solution.

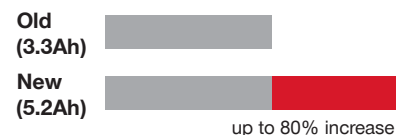


WATER AND DUST RESISTANT

Our electronics are fully sealed against moisture, water and dust, to ensure your tools keep working with you in the harshest conditions.

LONGER LASTING

This is our longest lasting 22V battery ever. We've incorporated higher density cells and built smarter software that individually monitors and controls each cell for protection against overheat and to provide optimal performance & charging.



DROP AND IMPACT RESISTANT

Redesigned cage and cell positioning provide extreme protection against drops and impact, ensuring your tools are as tough as any jobsite and able to finish the job without interruption.



Cordless drilling and driving with Hilti.

One charger for all voltages.



22 Volt



SFC 22-A
compact drill / driver



SFH 22-A
hammer drill / driver



SIW 22-A
impact wrench



SIW 22T-A
impact wrench



TE 2-A22
rotary hammer

36 Volt



TE 6-A36
rotary hammer

Cordless compact drill driver SFC 22-A



Applications

- Hole sawing in diameters up to 82 mm
- Driving screws up to 8 mm dia. in wood
- Driving screws up to 4.8 mm dia. in steel
- Drilling in steel with bits up to 10 mm diameter
- Drilling in metal up to 12 mm dia. in metal

Advantages

- Lightweight and compact
- Ergonomically designed grip for maximum working comfort
- High performance motor, delivers surprising amount of performance
- Ultimate drilling and screwdriving with speeds up to 1,800 /min.
- Perfect illumination of the work area thanks to built-in LED lamp
- Very compact and rugged Hilti Lithium CPC battery for high performance and long life



Technical data

Voltage	22 V
Battery capacity	3.3 Ah
Tool chuck type	3-jaw chuck, 1.5 - 13 mm
Max. torque hard joint	55 Nm
Max. torque (soft joint)	28 Nm
Torque range (adjustable)	2 - 10 Nm
Dimensions (LxWxH)	202 x 92 x 234 mm
Weight according to EPTA Procedure 01/2003	1.7 kg
Chuck functionality	Keyless
A-weighted emission sound pressure level acc. to EN 60745	69 dB (A)
Adjustable torque	Yes



Ordering designation	Package contents	Sales pack quantity	Item number
SFC 22-A cas	1x Cordless compact drill driver SFC 22-A, 1x Case	1	2006480

Cordless hammer drill driver SFH 22-A



Applications

- Hammer drilling in diameters up to 14 mm dia. in brick, masonry, sand-lime block and aerated concrete
- Driving heavy-gauge wood screws
- Cutting recesses and through-holes with hole saws up to 125 mm dia.
- Drilling with high torque and speed in diameters up to 13 mm in metal
- Driving self-drilling screws up to 4.8 mm dia. in metal at high speed (3rd gear)

Advantages

- Unbeaten performance and battery capacity in the 22 volt class
- Best performance-to-size ratio
- Extremely durable 3-speed all-metal gearing for high torque
- Top speed of 2,200 rpm for fast drilling in steel and unbeaten hammer drilling speed in 3rd gear
- Accurate charge status display
- Extremely tough and impact-resistant, glass-fiber-reinforced tool and battery casings



Technical data	
Voltage	22 V
Battery capacity	3.3 Ah
Tool chuck type	3-jaw chuck, 1.5 - 13 mm
Full hammering frequency	39000 impacts/minute
Max. torque hard joint	84 Nm
Max. torque (soft joint)	50 Nm
Torque range (adjustable)	2 - 12 Nm
Dimensions (LxWxH)	265 x 92 x 244 mm
Weight according to EPTA Procedure 01/2003	2.6 kg
Chuck functionality	Keyless



Ordering designation	Package contents	Sales pack quantity	Item number
SFH 22-A cas	1x Cordless hammer drill driver SFH 22-A, 1x Case	1	290211

Cordless impact wrench SIW 22-A



Applications

- Driving 6 mm and 8 mm HUS screw anchors in concrete
- Driving HRD frame anchors 8 mm to 10 mm diameter in masonry and concrete
- Setting HSA stud anchors in the sizes M8 to M12 with the S-TB torque bar
- Tightening and releasing nuts and bolts in the sizes M6 to M16

Advantages

- Brushless motor for long lifetime and more work per charge
- Compact design allows easy use in tight corners and wherever space is limited
- 3 gears and electronic speed control for easy switching between different driving speeds
- 4 LEDs around the chuck illuminate the work surface for a good view of the task at hand
- Electronic speed control and motor brake for precise starting and stopping
- Very compact and rugged Hilti Lithium CPC battery for high performance and long life



reddot design award
winner 2012

Technical data

Voltage	22 V
Battery capacity	3.3 Ah
Tool chuck type	1/2 in square
Full hammering frequency	3500 impacts/minute
Rotation speed (setting)	1000 rpm (1); 1500 rpm (2); 2300 rpm (3);
Dimensions (LxWxH)	154 x 94 x 228 mm
Weight according to EPTA Procedure 01/2003	1.5 kg
A-weighted emission sound pressure level acc. to EN 60745	86 dB (A)
Brushless motor	Yes



Ordering designation	Package contents	Sales pack quantity	Item number
SIW 22-A 1/2"	1x Cordless impact wrench SIW 22-A 1/2", 1x Case	1	2006081

Cordless impact wrench SIW 22T-A



Applications

- Driving HUS screw anchors from 8 mm to 14 mm in diameter in concrete
- Tightening and releasing nuts and bolts from M12 to M24
- Assembling steel profiles, timber or pre-cast concrete components
- Driving HRD frame anchors from 10 mm to 14 mm in masonry and concrete

Advantages

- Compact design with excellent balance for precise handling
- 1/2" square drive with heavy-duty ball-notch retention for security and quick socket changing
- Full range of bolt, anchor and screw fasteners available
- Rubber cap for comfortable handling and protection of the work surface
- No kick-back thanks to tangential impact: much less tiring to use
- Optimized as a system for driving Hilti HUS and HRD screw anchors





Technical data

Voltage	22 V
Battery Capacity	3.3 Ah
Tool chuck type	1/2 in square
Full hammering frequency	2500 impacts/minute
Rotation speed (setting)	2000 rpm (1);
Dimensions (LxWxH)	232 x 94 x 258 mm
Weight according to EPTA Procedure 01/2003	3 kg
A-weighted emission sound pressure level acc. to EN 60745	95.5 dB (A)



Ordering designation	Package contents	Sales pack quantity	Item number
SIW 22T-A	1x Cordless impact wrench SIW 22T-A, 1 x Case	1	409459

Accessories for Drills, Impact Drivers and Wrenches

Ordering designation		SFC 22-A	SFH 22-A	SW 22-A	SW 22T-A	Sales pack quantity	Item number
Battery charger C 4/36-350 230V box		■	■	■	■	1	2028876
Battery pack B 22/5.2 Li-Ion NEW		■	■	■	■	1	2110409
Battery pack B 22/2.6 Li-Ion NEW		■	■	■		1	2110532



Cutting, Sawing and Grinding

Leading-edge Technology. Outstanding Service.



Vacuum cleaner

Universal vacuum cleaner VC 20-U
Accessories for vacuum cleaner

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Angle grinders

Angle grinder AG 100-8S
Angle grinder DCG 125-S
Accessories for angle grinders

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Gas saw

Hand-held gas saw DSH 900
Accessories for gas saw

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Slitting machine

Slitting machine DC-SE 20

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Consumables

Cutting discs
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Universal vacuum cleaner VC 20-U



Applications

- Removing dust from drilling, slitting, grinding, cutting and coring
- Removing slurry from wet coring and cleaning

Advantages

- Outstanding handling thanks to extremely compact design
- Large wheels allow optimum site mobility
- Hilti AirBoost filter technology for consistently high suction performance
- Robust housing to withstand the harshest jobsite conditions
- Built-in power socket for synchronous operation with electric tools for improved working convenience



Technical data

Container capacity	21 l
Dust capacity	23 kg
Water capacity	13.5 l
Hose diameter	36 mm
Supply cord length	8 m
Weight according EPTA-Procedure 01/2003	13 kg
Dimensions (LxWxH)	505 x 380 x 500 mm
A-weighted emission sound pressure level acc. EN 60745	71 dB (A)
Hose length	5 m



Order description	Package contents	Sales pack quantity	Item number
VC 20-U vacuum cleaner	1x Vacuum cleaner VC 20-U, 1x hose complete	1	222209

Accessories for Vacuum Cleaners

Order description	VC 20-U	Sales pack quantity	Item number
Accessory set VC 20/40	■	1	203868
Vacuum Hose	■	1	203866
Filter element VC 20/40 PES nano	■	1	203863



Angle grinder AG 100-8S



Applications

- Cutting and grinding metals
- Occasional use for cutting and grinding mineral materials
- Mainly finishing applications

Advantages

- Powerful 850 W motor
- Low profile design for easy access to tight spaces
- Convenience and easy to use
- Good working comfort

Technical data

Rated Power	850 W
Disc diameter	100 mm
Max. cutting depth	16 mm
No-load speed	11500 rpm
Dimensions (LxWxH)	284 x 103 x 79 mm
Weight according to EPTA Procedure 01/2003	1.9 kg



Ordering designation	Package contents	Sales pack quantity	Item number
AG 100-8S	1x Angle grinder AG 100-S	1	2075662

Angle grinder DCG 125-S



Applications

- Cutting and grinding mineral materials such as masonry, brick, natural stone and concrete
- Cutting channels for cables
- Cutting and grinding metals, metal surfaces
- For surfaces and materials of all kinds

Advantages

- Hilti Smart Power Technology™ for constantly high cutting performance
- Non-slip grip area on the back of the tool and soft-grip side handle for low vibration and maximum comfort
- Time-saving cutting and slitting (chasing) in widths up to 25 mm using two disks (with DC EX 125/5" accessories)
- Very rugged guard and dust hood mount
- Angle grinder for cutting and grinding mineral materials
- Hilti ATC Active Torque Control technology minimizes undesirable kick-back








Technical data	
Rated Power	1400 w
Disc diameter	125 mm
Max. cutting depth	35 mm
No-load speed	11000 rpm
Dimensions (LxWxH)	304 x 103 x 82 mm
Weight according to EPTA Procedure 01/2003	2.4 kg



Cutting, Sawing and Grinding

Ordering designation	Package contents	Sales pack quantity	Item number
DCG 125-S	1x Angle grinder DCG 125-S	1	382573

Accessories for Angle Grinder

Ordering designation	DCG 125-S	Sales pack quantity	Item number
Adapter DC-EX SL Slitting Adapter 	■	1	352945
Dust extr. hood (cutting) DC-EX 125/5"C 	■	1	284978
Dust extr. hood (grinding) DG-EX 125/5" 	■	1	267719
Dust extr. hood (slitting) DC-EX 125/5"M 	■	1	267720
Univ. Vacuum cleaner VC 20-U, 230V 	■	1	222209

Thin cutting disc, UP line AC-D



Applications

- Cutting steel and stainless steel pipes, rods, profiles and metal sheets

Advantages

- Universal Performance (UP) disc with a more flexible bond for lasting high performance and value

Technical data

Blade / disc shape	Shape 41
Blade / disc line	Universal performance
Grain type	Aluminium oxide

Ordering designation	Blade diameter	Disc diameter	Blade thickness	Arbour	Max. permitted speed	Sales pack quantity	Item number
AC-D 100 UP 1mm (50)	100 mm	100 mm	1 mm	16 mm	15300 rpm	50	412414

Thin cutting disc, SP line AC-D SP



Applications

- Cutting steel and stainless steel pipes, rods, profiles and metal sheets

Advantages

- Special Performance (SP) disc with a harder bond for maximum performance and longest life

Technical data

Blade / disc shape	Shape 41
Blade / disc line	Special performance
Grain type	Aluminium oxide

Ordering designation	Blade diameter	Disc diameter	Blade thickness	Arbour	Max. permitted speed	Sales pack quantity	Item number
AC-D 125 Inox USP 0.75mm	125 mm	125 mm	0.75 mm	22.23 mm	12250 rpm	25	2047356

Cutting disc, UP line AC-D



Applications

- Cutting steel and stainless steel pipes, rods, profiles and metal sheets

Advantages

- Universal Performance (UP) disc with a more flexible bond for lasting high performance and value

Technical data

Arbour	22.23 mm
Blade / disc line	Universal performance
Grain type	Aluminium oxide

Ordering designation	Blade diameter	Disc diameter	Blade thickness	Blade / disc shape	Max. permitted speed	Sales pack quantity	Item number
AC-D 100 UP 2.5mm (25)	100 mm	100 mm	2.5 mm		15300 rpm	25	412415
AC-D 125 UP 2.5mm	125 mm	125 mm	2.5 mm	Shape 41	12250 rpm	25	361876

Cutting disc, SP line AC-D SP



Applications

- Cutting steel and stainless steel pipes, rods, profiles and metal sheets

Advantages

- Special Performance (SP) disc with a harder bond for maximum performance and longest life

Technical data

Arbour	22.23 mm
Blade / disc line	Special performance
Grain type	Aluminium oxide

Ordering designation	Blade diameter	Disc diameter	Blade / disc shape	Max. permitted speed	Sales pack quantity	Item number
AC-D 125 USP 2.5mm	125 mm	125 mm	Shape 42	12250 rpm	25	361881

Grinding disc, UP line AG-D



Applications

- Edge and surface grinding on steel and stainless steel

Advantages

- Universal Performance (UP) disc with a more flexible bond for lasting high performance and value

Technical data

Blade / disc shape	Shape 27
Blade / disc line	Universal performance
Grain type	Aluminium oxide

Ordering designation	Blade diameter	Disc diameter	Blade thickness	Arbour	Max. permitted speed	Sales pack quantity	Item number
AG-D 100 UP 6.4mm (10)	100 mm	100 mm	6.4 mm	16 mm	15300 rpm	10	412413
AG-D 125 UP 6.4mm	125 mm	125 mm	6.4 mm	22.23 mm	12250 rpm	10	361899

Grinding disc, SP line AG-D SP



Applications

- Edge and surface grinding on steel and stainless steel

Advantages

- Special Performance (SP) disc with a harder bond for maximum performance and longest life

Technical data

Arbour	22.23 mm
Blade / disc shape	Shape 27
Blade / disc line	Special performance

Ordering designation	Blade diameter	Disc diameter	Max. permitted speed	Sales pack quantity	Item number
AG-D 125 USP 6.4mm	125 mm	125 mm	12250 rpm	10	304629

Hand-held gas saw DSH 900



Applications

- Cutting curbstones and paving stones
- Cutting sewer pipes and ducts
- Making small openings or breakouts
- Cutting asphalt
- Cutting metals

Advantages

- High performance
- High torque when needed
- Use Hilti diamond blades for lower friction and higher cutting performance
- Lower operating costs
- Minimized vibration
- Reversible arbor flange fits all Hilti and other blades with 1" and 20 mm arbor size





Technical data	
Power (max.)	4.3 kW
Engine displacement	87 cm ³
Disc diameter	400 mm
Cutting depth	150 mm
Triaxial vibration value for cutting concrete slab (ah)	5.2 m/s ²
Weight according EPTA-Procedure 01/2003	11.9 kg
A-weighted emission sound pressure level acc. EN 60745	115 dB (A)
Base materials	All types of concrete and brick, All types of masonry (hollow brick, limestone, etc.), Steel, Asphalt

Cutting, Sawing and Grinding



Order description	Package contents	Sales pack quantity	Item number
DSH 900	1x Hand-held gas saw DSH 900 40, 1x Tool set, 1x Consumables kit DSH,	1	387110

Accessories for Gas Saws

Order description	DSH 900	Sales pack quantity	Item number
Consumables kit DSH		1	365602
Floor saw cart DSH-FSC		1	431364
Starter assembly DSH 700		1	359425
Starter assembly DSH 900		■	359427
Belt DSH 700		1	359476
Belt DSH 900		■	359477
Spark plug DSH		■	412237
Tool set DSH		■	359648
Fastening screw assy DSH		■	412261
Disc flange		■	412257
Centering ring 20mm / 25.4mm DSH		■	412264

Slitting machine DC-SE 20



Applications

- For the installation of pipes and conduits in walls
- Equipped with 125 mm discs, the tool can be used to slit to depths of up to 40 mm and widths of up to 46 mm in all widely used materials such as concrete, flint, hard stone, etc.

Advantages

- Very high slitting performance
- 125 mm diameter discs for slitting to depths of up to 40 mm and widths of up to 46 mm
- Robust and long lasting
- Virtually dust-free when used with the VC 20/40-U(M)
- Ergonomic design to reduce tiring
- Low vibration



Technical data

Rated input power	1700 W
Disc diameter	125 mm
Max. cutting width	46 mm
Cutting depth	40 mm
Arbor	22.2 mm
Rotation speed	Gear 1: 7500 rpm
Triaxial vibration value for cutting concrete slab (ah)	5.8 m/s ²
Weight according EPTA-Procedure 01/2003	6.9 kg
A-weighted emission sound pressure level acc. EN 60745	104 dB (A)
Base materials	Concrete, Masonry
Dimensions (LxWxH)	343 x 207 x 203 mm

Cutting, Sawing and Grinding



Order description	Package contents	Sales pack quantity	Item number
DC SE-20 230V	1x Slitting machine DC SE-20 230V, 1x Clamping flange, 1x Clamping nut, 1x Clamping wrench, spacing washers, 1x Removal tool, 1x Sharpening plate, 1x case	1	312267

Diamond cutting disc C-SP (Concrete Special Performance)



Applications

- Cutting, resizing and reshaping concrete, reinforced concrete, cement products and natural stone

Advantages

- Equidist segment technology for highest cutting speed and long life

Technical data

Base materials	Concrete (reinforced)
Blade / disc line	Special performance
Segment height	12 mm

Order description	Disc diameter	Arbor	Sales pack quantity	Item number
DC-D 230/22 C-SP (5)	230 mm	22 mm	5	425867
DC-D 350/3.2/25.4 C-SP	350 mm	25.4 mm	1	2030469
DC-D 350/3.2/25.4 C-SP (5)	350 mm	25.4 mm	5	2030470
DC-D 400/3.2/25.4 C-SP	400 mm	25.4 mm	1	2030477
DC-D 400/3.2/25.4 C-SP (5)	400 mm	25.4 mm	5	2030478

Diamond cutting disc DCD-SL-M



Advantages

- High cutting speed and long life on wide range of masonry materials

Technical data

Base materials	Masonry / Concrete
Blade / disc line	Special performance
Arbor	22.23 mm
Blade thickness	1.55 mm

Order description	Disc diameter	Sales pack quantity	Item number
DC-D 125 SE M1 (2)	125 mm	2	418695

Diamond cutting disc DC-D GP



Applications

- Cutting, resizing and reshaping a wide range of mineral construction materials
- For use with all Hilti angle grinders

Advantages

- Maximum versatility - suitable for general use on mineral construction materials such as concrete, cement, brick and block etc.
- Good cutting speed and lifetime

Technical data

Base materials	General mineral construction materials
Blade quality	Classic
Blade design	Segmented
Segment height	10 mm

Order description	Disc diameter	Number of segments	Sales quantity	Item number
DC-D 100/20 GP	100 mm	8	5 pc	424588

Diamond cutting disc A (asphalt)



Advantages

- Exceptional performance on various highly abrasive materials

Technical data

Base materials	Asphalt
Blade / disc line	Special performance
Segment height	10 mm
Segment dimensions	38 x 3.2 x 10 mm

Order description	Disc diameter	Max. cutting depth	Arbor	Sales pack quantity	Item number
DC-D 350/3.2/25.4 A1	350 mm	125 mm	25.4 mm	1	360640
DC-D 400/3.2/25.4 A1	400 mm	150 mm	25.4 mm	1	360641

Rail cutting disc for stationary saws AC-D RL



Applications

- Cutting railway tracks with stationary rail saws

Technical data

Blade / disc line	Universal performance
Base material	Rail
Grain type	Aluminium-Oxide
Tool type	Rail Saw (fixed)

Order description	Disc diameter	Blade thickness	Arbor	Blade / disc shape	Sales pack quantity	Item number
A24 R 356x4.2x25.4 mm	355.6 mm	4.2 mm	25.4 mm	Shape 41	10	361908



Diamond Coring

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Diamond coring tools

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Diamond coring consumables

Diamond core bits	Page 84-85
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Diamond coring tool DD EC-1



Applications

- Drilling precise anchor and through holes in diameters from 8 to 35 mm
- Low-noise solution for setting anchors (renovation work in hospitals, commercial and residential buildings)

Advantages

- Productive: TopSpin provides faster drilling with minimum effort
- Versatile: Drills through various types of steel reinforced concrete, marble, etc.
- Impact-free drilling: less risk of damage to the material (marble, tiles, masonry, natural stone)
- Automated electronic water management: the pump and extraction functions are activated / deactivated automatically by the drilling machine control switch



Technical data

Rated input	1450 W
Number of gears	1
Rotation speed	gear 1: 9200 rpm;
Drilling range	hand-held wet: 8-35 mm, Rig-based wet: 8-35 mm
Chuck type	DD-C
Max. drilling depth	600 mm
Weight of complete system	8 kg
Dimensions (LxWxH)	423 x 108 x 195 mm



Ordering designation	Package contents	Sales pack quantity	Item number
DD EC-1 230V GB	1x Diamond coring tool DD EC-1 (230V), 1x Case	1	336742

Diamond coring tool DD 120



Applications

- Setting large-diameter anchors and reinforcing bars
- Installing railings and barriers

Advantages

- Compact, lightweight unit for extremely easy handling
- The power control LED helps new users to achieve the optimum rate of drilling progress and maximum core bit life
- Easy to transport and set up
- Two-speed gearing for optimum speed and torque
- Bi+ quick-release chuck system allows keyless exchange of core bits



Technical data

Rated input	1600 W
Number of gears	2
Rotation speed	gear 1: 650 rpm gear 2: 1380 rpm
Optimum drilling range	Rig-based wet: 37-102 mm
Chuck type	Bi+
Weight of complete system	11 kg
Dimensions (LxWxH)	327 x 147 x 330 mm



Diamond Coring

Ordering designation	Package contents	Sales pack quantity	Item number
DD120 (230V) Bi+ Combo	1x Diamond coring tool DD 120 (230V), 1x Clamping nut DD-LR-CLN, 1x Jack screw DD-LR-CLS, 50 x Hilti HKD M12x50, 1x Setting tool HSD-G M12, 1x Drill bit TE-CX 15/27	1	3530065

Diamond coring tool DD 160



Applications

- Rig-based wet drilling in concrete for pipe penetrations in plumbing, heating and air conditioning installations
- Stitch drilling for cable trays and ventilation ducts
- Drilling blind holes for large-diameter anchors, reinforcing bars and the installation of railings and barriers

Advantages

- Sturdy three-speed gearing for outstanding coring performance across the entire diameter range
- The power control LED helps new users to achieve the optimum rate of drilling progress and maximum core bit life
- Less downtime: the service indicator reminds users in good time when servicing is due
- Clear and concise range of accessories for added versatility
- BI+ quick-release chuck system for keyless exchange of core bits



product design award

2013



reddot design award winner 2013

Technical data

Rated input	2200 W
Number of gears	3
Rotation speed	gear 1: 420 rpm gear 2: 700 rpm gear 3: 1570 rpm;
Optimum drilling range	Rig-based wet: 52-152 mm
Chuck type	BI+
Weight of complete system	16 kg
Dimensions (LxWxH)	400 x 165 x 945mm



Ordering designation	Package contents	Sales pack quantity	Item number
DD160 (230V) BI+ Combo	1x Diamond coring tool DD 160 (230V), 1x Drill stand DD ST 160 SFL, 1x Clamping nut DD-LR-CLN, 1x Jack screw DD-LR-CLS, 50 x Hilti HKD M12x50, 1x Setting tool HSD-G M12, 1x Drill bit TE-CX 15/27	1	3530066

Diamond coring tool DD 200 NEW



Applications

- Making penetrations for ducts, pipes and cables
- Openings for ventilation
- Stitch drilling for breaches
- Coring holes for service entries
- Coring holes in ceilings, walls and floors without hammering and vibration
- Corner holes for sawing

Advantages

- Air-cooled heavy-duty drive unit with three-speed gearing and convenient controls
- BL quick lock chuck system allows keyless exchange of core bits (optional)
- Easy to handle, understand and operate
- Unmatched, extremely wide application range
- Extremely sturdy, robust design
- The power control LED allows even inexperienced users to achieve the optimum rate of drilling speed and maximum core bit life
- The service indicator warns when servicing is due, reducing downtime and helping to avoid costly repairs
- Compact, sturdy and simple drill stand
- Compatible with many typical, market standard drill stands

















Technical data	
Rated input	3200W
Number of gears	3
Rotation speed	Gear 1: 235 rpm Gear 2: 575 rpm Gear 3: 1160 rpm
Optimum drilling range	Rig-based wet drilling system: 35-500mm
Chuck type	BL
Weight of complete system	37 kg
Dimensions (LxWxH)	630 x 190 x 215
















Ordering designation	Package contents	Sales pack quantity	Item number
DD 200 (230V) BL	1x Diamond coring tool DD 200 (230V) BL, 1x Chuck DD-C-BL	1 pc	2124815
DD 200 (230V) BL S	1x Diamond coring tool DD 200 (230V) BL S, 1x Chuck DD-C-BL	1 pc	2124824
DD 200 (230V) BL Combo	1x Diamond coring tool DD 200 (230V) BL, 1x Drilling stand DD-HD 30, 1x Clamping spindle DD-CS M16, 1x Quick locking nut DD-CN-SML, 1x Wheels DD-HD30-W (set of 2), 25x Drop in anchor HKD-S M16x65, 1x Setting tool HSD-G M16x65, 1x Drill bit TE-CX 20/22	1 pc	3558713
DD 200 (230V) BL S Combo	1x Diamond coring tool DD 200 (230V) BL S, 1x Drilling stand DD-ST 200, 1x Clamping spindle DD-CS M16, 1x Quick locking nut DD-CN-SML, 25x Drop in anchor HKD-S M16x65, 1x Setting tool HSD-G M16x65, 1x Drill bit TE-CX 20/22	1 pc	3558714

Accessories for Diamond drilling tools

Ordering designation		DD EC-1	DD 120	DD 160	DD 200	Sales pack quantity	Item number
Adapter BI+ to BR/BS			■	■		1	373419
Adapter BL to BS/BR					■	1	305910
Adapter BL to BU					■	1	282989
Adapter BR to BI+						1	374230
Adapter BS to BI+						1	373422
Adapter BS to BL						1	284891
Adapter BU to BL						1	305909
Chuck DD-CH A-Rod			■	■		1	2008131
Chuck DD-CS A-Rod					■	1	305906
Jack screw DD-LR-CLS			■	■		1	333629
Clamping spindle DD-CS M16					■	1	337378
Clamping nut DD-LR-CLN			■	■		1	333477
Core Bit Extension DD-BI+ (minimum diameter 56mm)			■	■		1	220929
Core Bit Extension DD-BL (minimum diameter 62mm)					■	1	305903
DD-EC 1 Cover cap for overhead coring		■				1	372800
Drilling stand DD-CR1		■				1	376281
Drilling stand DD-HD 30					■	1	305534

Accessories for Diamond drilling tools

Ordering designation		DD EC-1	DD 120	DD 160	DD 200	Sales pack quantity	Item number
Drilling stand DD-ST 160 SFL				■		1	435664
Guide rail extension DD-HD30-XT (1 meter)					■	1	305537
Quick-locking nut DD-CN-SML					■	1	251834
Sharpening plate		■	■	■	■	1	51343
Set of wheels DD-HD30-W					■	1	305541
Soft seal for overhead coring		■				1	278692
Spacer DD-HD30-SP					■	1	305539
Vacuum baseplate DD-HD30-VBP					■	1	305538
Vacuum baseplate DD-ST-VBP 120/160			■	■		1	2027859
Vacuum pump DD VP-U 230V			■	■		1	408458
Water dam assy		■				1	370239
Water recycling unit DD REC-1 240V		■				1	336751
Water supply unit DWP 10			■	■	■	1	365595
Vacuum pump DD VPX					■	1	332158

Diamond Coring

Connection end DD



Ordering designation	Connection end	Sales pack quantity	Item number
Connection end BI+ for DD120, DD130 & DD160	BI+	1	236120
Connection end BL for DD200 & DD350	BL	1	305542
Connection end BR	BR	1	236121
Connection end BS	BS	12	286794
Connection end BU for DD160E & DD250E	BU	1	236122
Connection end A-Rod	A-Rod	1	374814
Connection end C-Rod	C-Rod	1	374815

Diamond core bit DD-C T4



Applications

- Drilling accurate 8-35 mm diameter anchor and through holes

Advantages

- Easy core removal through the rear end of the core bit

Technical data

Base materials	Concrete, abrasive
Laser-welded segments	Yes
Wet or dry operation	Wet
Change module	No

Ordering designation	Nominal diameter	Working length	Segment height	Connection end	Sales pack quantity	Item number
DD-C 1/2"-6" T4	12.7 mm	150 mm	11 mm	DD-C connection	1	336854
DD-C 12/150 T4	12 mm	150 mm	11 mm	DD-C connection	1	336889
DD-C 14/150 T4	14 mm	150 mm	11 mm	DD-C connection	1	336855
DD-C 15/150 T4	15 mm	150 mm	11 mm	DD-C connection	1	336859
DD-C 16/150 T4	16 mm	150 mm	11 mm	DD-C connection	1	336861
DD-C 16/300 T4	16 mm	300 mm	11 mm	DD-C connection	1	336862
DD-C 18/150 T4	18 mm	150 mm	11 mm	DD-C connection	1	336863
DD-C 18/300 T4	18 mm	300 mm	11 mm	DD-C connection	1	336864
DD-C 20/150 T4	20 mm	150 mm	11 mm	DD-C connection	1	336869
DD-C 20/300 T4	20 mm	300 mm	11 mm	DD-C connection	1	336870
DD-C 22/300 T4	22 mm	300 mm	11 mm	DD-C connection	1	336873
DD-C 24/300 T4	24 mm	300 mm	11 mm	DD-C connection	1	336875
DD-C 25/300 T4	25 mm	300 mm	11 mm	DD-C connection	1	336876
DD-C 28/300 T4	28 mm	300 mm	11 mm	DD-C connection	1	336878
DD-C 30/300 T4	30 mm	300 mm	11 mm	DD-C connection	1	336880
DD-C 32/300 T4	32 mm	300 mm	11 mm	DD-C connection	1	336881
DD-C 35/300 T4	35 mm	300 mm	11 mm	DD-C connection	1	336884

Diamond core bit DD-B UCL (with/without connection end)



Applications

- Coring in the 12-32 mm diameter range in reinforced concrete

Advantages

- 12mm segment height and harder matrix
- CD welding (Capacitor discharge technology), higher break out value vs brazing

Technical data

Base materials	Concrete, abrasive
Laser-welded segments	No
Wet or dry operation	Wet

Ordering designation	Nominal diameter	Working length	Segment height	Sales pack quantity	Item number
DD-BI+ 12/320 UCL	12 mm	320 mm	8 mm	1	2080053
DD-BI+ 14/320 UCL	14 mm	320 mm	8 mm	1	2080054
DD-BI+ 16/320 UCL	16 mm	320 mm	8 mm	1	2080055
DD-BI+ 18/320 UCL	18 mm	320 mm	8 mm	1	2080056
DD-BI+ 20/320 UCL	20 mm	320 mm	8 mm	1	2080057
DD-BI+ 24/320 UCL	24 mm	320 mm	8 mm	1	2080059
DD-BI+ 28/320 UCL	28 mm	320 mm	8 mm	1	2080131
DD-BI+ 30/320 UCL	30 mm	320 mm	8 mm	1	2080132
DD-BI+ 32/320 UCL	32 mm	320 mm	8 mm	1	2080133

Diamond core bit DD-B UCL A (without connection end) NEW



Diamond Coring

Applications

- Coring in the 35-300 mm diameter range in reinforced concrete

Advantages

- 12mm segment height and harder matrix
- CD welding (Capacitor discharge technology), higher break out value vs brazing

Technical data

Base materials	Concrete, abrasive
Laser-welded segments	No
Wet or dry operation	Wet

Ordering designation	Nominal diameter	Working length	Segment height	Sales pack quantity	Item number
DD-B 35/430 UCL A	35mm	430mm	12mm	1	2139058
DD-B 37/430 UCL A	37mm	430mm	12mm	1	2139059
DD-B 42/430 UCL A	42mm	430mm	12mm	1	2139234
DD-B 52/430+ UCL A	52mm	430mm	12mm	1	2139236
DD-B 62/430+ UCL A	62mm	430mm	12mm	1	2139237
DD-B 77/430+ UCL A	77mm	430mm	12mm	1	2139239
DD-B 82/430+ UCL A	82mm	430mm	12mm	1	2139310
DD-B 102/430+ UCL A	102mm	430mm	12mm	1	2139312
DD-B 127/430+ UCL A	127mm	430mm	12mm	1	2139216
DD-B 152/430+ UCL A	152mm	430mm	12mm	1	2139318
DD-B 202/430+ UCL A	202mm	430mm	12mm	1	2139321
DD-B 250/430 UCL A	250mm	430mm	12mm	1	2139323
DD-B 300/430 UCL A	300mm	430mm	12mm	1	2139324

Diamond core bit DD-B H2S (without connection end)



Applications

- Coring in the 350-500 mm diameter range in reinforced concrete

Advantages

- Laser-welded segments

Technical data

Base materials	Concrete, abrasive
Laser-welded segments	Yes
Wet or dry operation	Wet

Ordering designation	Nominal diameter	Working length	No of segments	Segment height	Segment dimensions	Sales pack quantity	Item number
DD-B 350/450 H2S	350 mm	450 mm	20 mm	10 mm	24 x 5 10mm	1	418244
DD-B 400/450 H2S	400 mm	450 mm	22 mm	10 mm	24 x 5 10mm	1	418246
DD-B 450/450 H2S	450 mm	450 mm	24 mm	10 mm	24 x 5 10mm	1	418248
DD-B 500/450 H2S	500 mm	450 mm	26 mm	10 mm	24 x 5 10mm	1	418250



Direct Fastening

Leading-edge Technology. Outstanding Service.



Gas Systems

Gas-actuated tool GX 120
Gas can and nails for GX 120

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Gas-actuated tool GX 120



Applications

- Repetitive fastening in drywall installation on concrete, screed, sand-lime block, rendered masonry and steel
- Drywall profiles on floors, walls and ceilings

Advantages

- No battery to charge so no need for a charger
- Magazine for 40 nails: very fast when used for repetitive fastening
- Very economical system for fastenings in the lower load range
- Wide range of nails: the right nail for a variety of materials



Technical data

Power (max.)	100 J
Weight	3.9 kg
Base materials	Concrete, Steel, Block, Masonry, Brick (sand-lime)
Automatic piston return	Yes
Noise (power) level: LWA, 1s	105 dB (A)
Dimensions (LxWxH)	431 x 134 x 392 mm
Max. fastener driving rate	1200 / h
Fastener intake	40 nails
Fastener length range	14 - 39 mm

¹⁾ Declared measured values of noise characteristics according to 2006/42/EC Machinery Directive in conjunction with E DIN EN 15895



Ordering designation	Package contents	Sales pack quantity	Item number
GX 120 + X-EGN 14 Combo	1x Gas actuated tool GX 120, 1x Gas can GC21 + 750x Nails X-EGN 14 MX, 1x Drift punch X-120 NP, 1x Ear protectors, 1x Case	1	3498063
GX 120 + X-GN20 MX Combo	1x Gas actuated tool GX 120, 1x Gas can GC21 + 750x Nails X-GN20 MX, 1x Drift punch X-120 NP, 1x Ear protectors, 1x Case	1	3497722
GX 120 + X-GN27 MX Combo	1x Gas actuated tool GX 120, 1x Gas can GC21 + 750x Nails X-GN27 MX, 1x Drift punch X-120 NP, 1x Ear protectors, 1x Case,	1	3498064
GX 120 + X-GN32 MX Combo	1x Gas actuated tool GX 120, 1x Gas can GC21 + 750x Nails X-GN32 MX, 1x Drift punch X-120 NP, 1x Ear protectors, 1x Case	1	3498065
GX 120 + X-GN39 MX Combo	1x Gas actuated tool GX 120, 1x Gas can GC21 + 750x Nails X-GN39 MX, 1x Drift punch X-120 NP, 1x Ear protectors, 1x Case	1	3498066
GX 120 + X-GHP18 Combo	1x Gas actuated tool GX 120, 1x Gas can GC21 + 750x Nails X-GHP18 MX, 1x Drift punch X-120 NP, 1x Ear protectors, 1x Case	1	3498067
GX 120 + X-GHP20 Combo	1x Gas actuated tool GX 120, 1x Gas can GC21 + 750x Nails X-GHP20 MX, 1x Drift punch X-120 NP, 1x Ear protectors, 1x Case	1	3498068

GX 120 gas can GC 21



Applications

- For use with GX 120 tool

Advantages

- Maximum performance and reliability with the Hilti GX 120 systems

Technical data

For use with	GX 120,GX 120-ME
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Ordering designation	Sales pack quantity	Item number
GC 21	1	38865

Nail for use with gas-actuated tools X-GN MX



Advantages

- Robust nail with low driving failure rate

Technical data

For use with	GX 100,GX 100-E,GX 120,GX 120-ME
--------------	----------------------------------

Ordering designation	Sales pack quantity	Item number
Gas nail X-GN20MX	750	340232
Gas nail X-GN27MX	750	340230
Gas nail X-GN32MX	750	340233
Gas nail X-GN39MX	750	340234

Nail for use with gas-actuated tools X-GHP MX



Applications

- Fastening to hard concrete

Advantages

- Robust nail with low driving failure rate

Technical data

For use with	GX 100,GX 100-E,GX 120,GX 120-ME
--------------	----------------------------------

Ordering designation	Sales pack quantity	Item number
Gas nail X-GHP18MX	750	340228
Gas nail X-GHP 20MX	750	285724

Nail for use with gas-actuated tools X-EGN MX



Applications

- Fastening drywall track to steel

Advantages

- Ballistic point and high hardness for excellent performance on steel

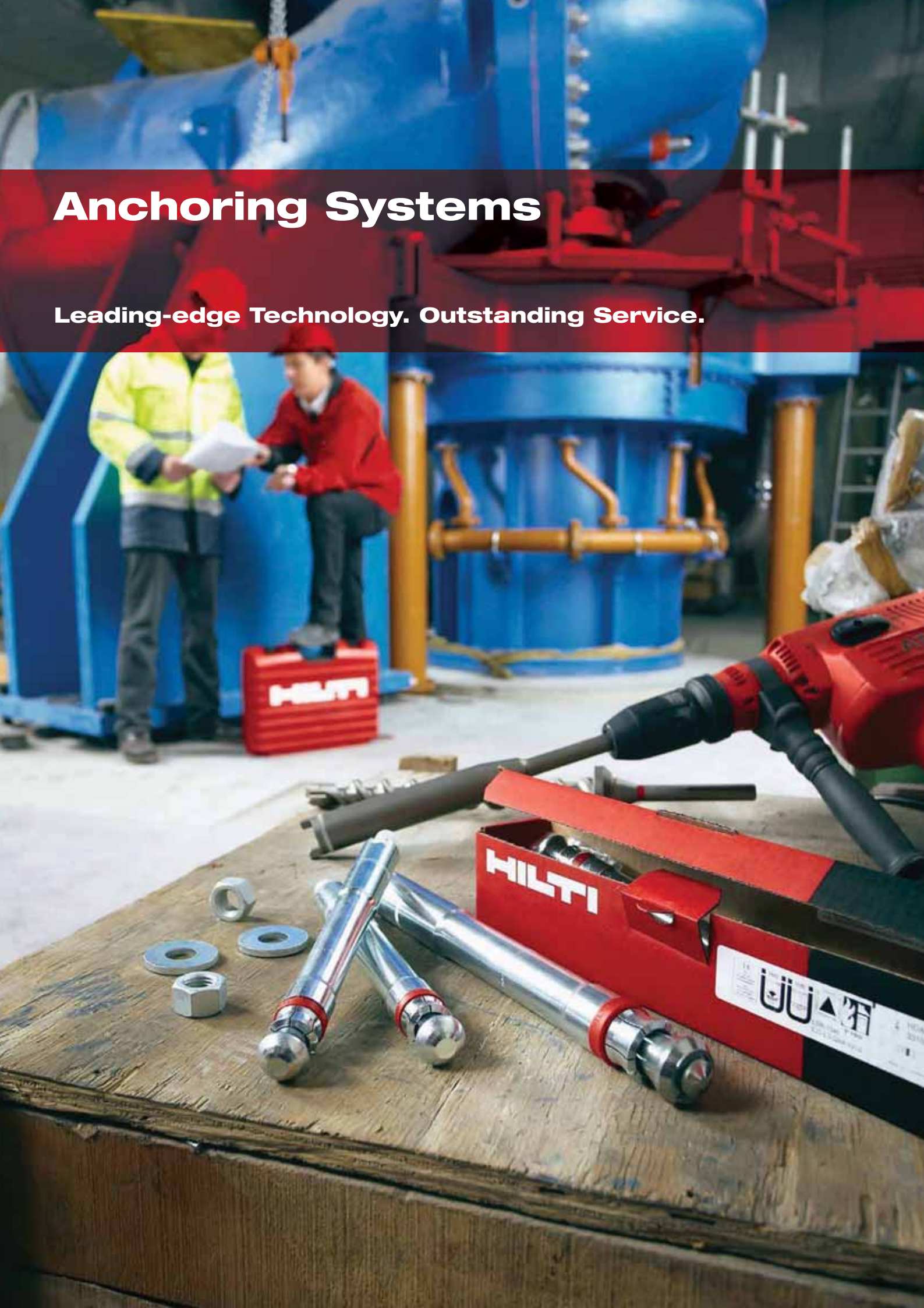
Technical data

For use with	GX 100,GX 100-E,GX 120,GX 120-ME
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Ordering designation	Sales pack quantity	Item number
Gas nail X-EGN 14MX	750	340231

Anchoring Systems

Leading-edge Technology. Outstanding Service.





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Application overview for mechanical anchors	Page 94-95



Adhesive anchors

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Injectable mortar HIT-HY 200-R	Page 100
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Adhesive capsule anchor system HVU-TZ	Page 103
Adhesive capsule anchor system HVU	Page 104
Anchor rods	Page 105-109



Accessories for adhesive anchors

Dispensers HDE 500-A22, HDM	Page 110
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Blow out pump	Page 112
Mixers and extensions	Page 112
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Undercut anchors

Undercut anchor HDA	Page 114-119
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Expansion anchors

Heavy-duty anchor HSL-3	Page 124-126
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Light-duty anchors

Frame anchor HRD-C	Page 138
Impact anchor HPS-1	Page 139
Universal plastic anchor HUD-1	Page 140
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Light-duty anchor Kwik Tog HLD	Page 142



Accessories for mechanical anchor








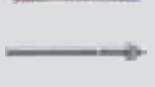
Stop drill bits and settings tools	Page 143-146
Torque bar S-TB	Page 145



Anchor channels

Anchor channels HAC	Page 147-151
T-head bolts HBC	Page 152-154













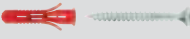


Application overview for chemical anchors

Chemical anchors			
Anchor specification			
	Order description	Highlights	Dimensions
	HIT-RE 500 V3 HIT-C Rod Rebar	The new HIT-RE 500 V3 delivers ultimate performance and safety in design while making installation easier and faster than ever before. Teamed up with SafeSet and PROFIS software, HIT-RE 500 V3 is nothing short of revolutionary.	M8-M39 HIT-C T8-T40 Rebar
	HIT-RE 100 HIT-C Rod Rebar	The new Hilti HIT-RE 100 adhesive anchoring system is the latest addition to the slow cure adhesive anchor portfolio and designed for solid performance in a wide range of applications.	M8-M39 HIT-C T8-T40 Rebar
	HIT-RE 500 HAS-E Rod HIT-C Rod Rebar	Large diameter applications, suitable for dry and water saturated concrete and underwater applications, long working time at elevated temperatures, deep embedment depths and suitable for use in diamond drilled holes	M8-M39 HAS-E, HIT-C T8-T40 Rebar
	HIT-HY 200 HIT-Z Rod HIT-C Rod Rebar	No borehole cleaning required (when used with HIT Z), suitable for dry and water saturated concrete, suitable for use in diamond drilled holes, fast cure	M8-M20 HIT-Z M8-M30 HIT-C T8-T32 Rebar
	HIT-HY 70 HAS-E Rod HIT-C Rod	Specially designed for masonry including clay bricks, sand lime bricks, hollow bricks, concrete blocks and natural stone	M8-M12 HAS-E, HIT-C
	HIT-MM PLUS HAS-E Rod HIT-C Rod Rebar	Suitable for a wide range of base materials including concrete, masonry and concrete blocks	M8-M16 HAS-E, HIT-C T8-T16 Rebar
	HVU-TZ HAS-TZ Rod	Very high loading capacity suitable for dry and water saturated concrete	M10-M20 HAS-TZ
	HVU HAS-E Rod	Very high loading capacity, large diameter applications, suitable for dry and water saturated concrete	M8-M39 HAS-E

Base material								Installation method		Special features		Corrosion protection			Approvals					
Uncracked concrete	Cracked concrete	Natural stone	Lightweight concrete	Solid brick	Airbrick	Hollowcore	Plasterboard	Through set installation	Pre-set installation	Small edge distance	Data available in PROFIS Anchor	Electroplated	Hot-dipped galvanized	Stainless steel	Fire	Shock load	Sprinkler	European technical approval	Seismic load	CE Marking

Anchor applications / approvals

Application overview for mechanical anchors

Mechanical anchors			
Anchor specification			
	Order description	Highlights	Dimensions
	HDA	Automatic undercutting with no special tools, setting mark for setting control, completely removable	M10-M20
	HSC	Self cutting undercut, low embedment depth	M6-M12
	HSL-3	Force controlled expansion, reliable pull down, no rotation in hole when tightening bolt	M8-M24
	HST3	Perfect design solution for all safety relevant application for non-cracked and cracked concrete under static, seismic and shock loading	M8-M24
	HSA	3 different embedment depths, approved for diamond drilled holes	M6-M20
	HSV	Cold formed to prevent breaking during installation	M8-M16
	HKD	Protruding lip and setting mark for reliable setting	M6-M20
	HKV	Setting mark for reliable setting	1/4" -1/2"
	HLC	Permanent and temporary fastening in light and medium load range	M5-M16
	HLV	Permanent and temporary fastening for formwork, rack systems, rails, ladder etc	M6-M12
	HRD-C	Excellent setting behaviour, versatile with regards base material and finishes	10 mm
	HPS-1	Impact and temperature resistant	5-8 mm
	HUD-1	Excellent setting behaviour suitable for a wide range of base materials. Available with screw	5-12 mm
	HHD-S	Specially designed for drywall	M6
	HLD	Plastic undercut	10 mm

Base material								Installation method		Special features		Corrosion protection			Approvals					
Uncracked concrete	Cracked concrete	Natural stone	Lightweight concrete	Solid brick	Hollow block	Hollowcore	Plasterboard / Drywall	Through set installation	Pre-set installation	Small edge distance	Data available in PROFIS Anchor	Electroplated	Hot-dipped galvanized	Stainless steel	Fire	European technical approval	Shock load	Seismic load	Sprinkler	CE Marking

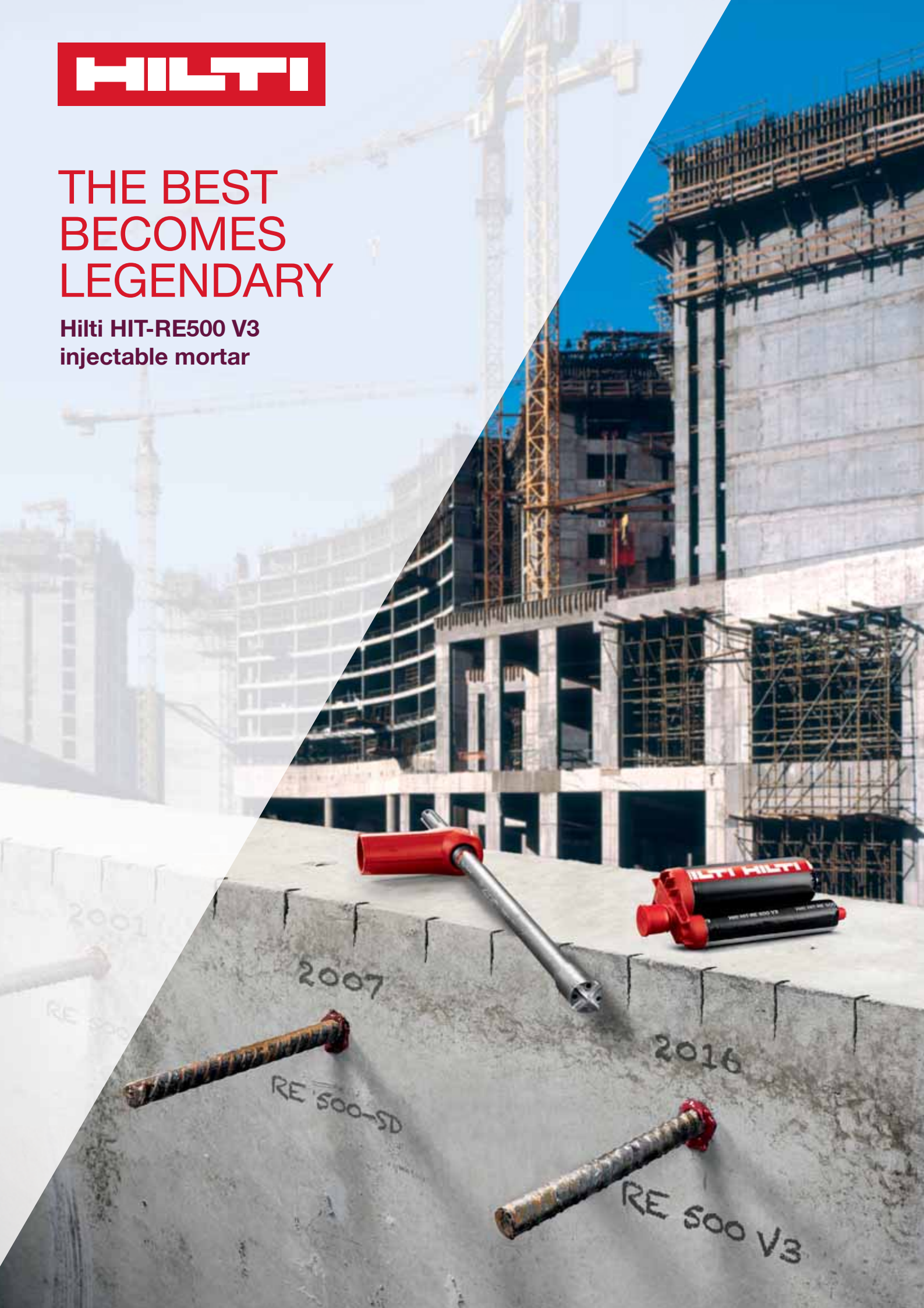
Anchor applications / approvals

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THE BEST BECOMES LEGENDARY

Hilti HIT-RE500 V3
injectable mortar



Injectable mortar HIT-RE 500 V3 NEW



Base materials

- Concrete (cracked)
- Concrete (uncracked)
- Some types of natural stone

Applications

- Structural connections with post-installed rebar (e.g. extension / connection to walls, slabs, stairs, columns, foundations, etc.)
- Substitution of misplaced / missing rebars or couplers
- Anchoring structural steel connections (e.g. steel columns, beams, etc.)
- Anchoring crash barriers, noise barriers, etc.
- Structural renovation of buildings, bridges and other civil structures, retrofitting and re-strengthening of concrete members possible

Advantages

- The fastest-curing epoxy mortar on the market
- Long working time allows greater flexibility during installation
- Also suitable for water-filled holes and underwater applications

Technical data

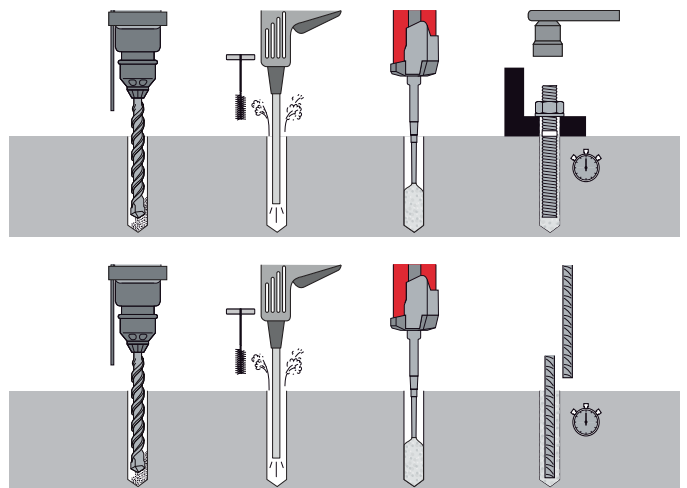
Material composition	Epoxy Adhesive
Base material condition	Dry, submerged, water-filled, wet
Tested/approved for diamond drilling	Yes
Seismic	Yes
Compatible cartridge holder	CB (Black)
Additional product information	Always wear eye protection and gloves while handling



Approvals

ETA	ETA 16/0142 HIT-RE 500 V3 injection mortar rebar
	ETA 16/0143 HIT-RE 500 V3 injection mortar anchor

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



Ordering designation	Package contents	Sales pack quantity	Item number
HIT-RE 500 V3/330/1	1 x 330ml Foil pack, 1 x Mixer, 1 x Mixer extension	1	2123403
HIT-RE 500 V3/500/1	1 x 500ml Foil pack, 1 x Mixer, 1 x Mixer extension	1	2123406

Anchor Systems

Injectable mortar HIT-RE 100 **NEW**



Base materials

- Concrete (cracked)
- Concrete (uncracked)

Applications

- All structural post-installed rebar applications, e.g. starter bars, beam to column connection, wall extension, etc. in general designed according to EC2.



Advantages

- Unique foil packaging and compatible Hilti HIT injection system makes handling extremely easy, and minimizes packaging disposal costs
- Works like cast-in with post-installed rebars

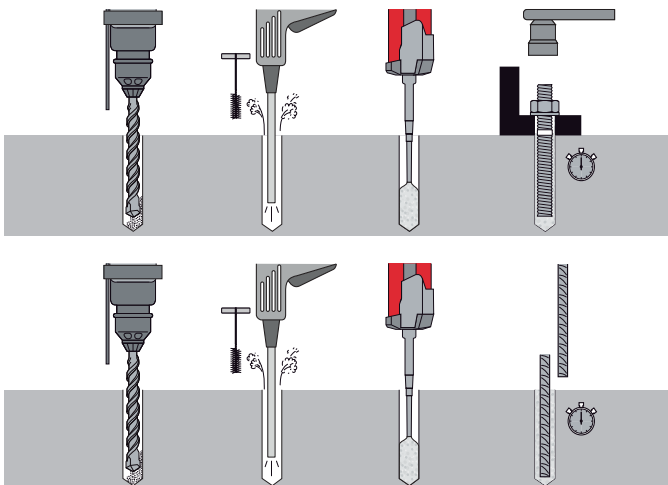
Technical data

Material composition	Epoxy Adhesive
Base material condition	Dry, submerged, water-filled, wet
Compatible cartridge holder	CB (Black)
Additional product information	Always wear eye protection and gloves while handling

Approvals

ETA	ETA 15/0883 HIT-RE 100 injection mortar rebar
	ETA 15/0882 HIT-RE 100 injection mortar anchor

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



Ordering designation	Package contents	Sales pack quantity	Item number
HIT-RE 100/330/1	1 x 330ml Foil pack, 1 x Mixer, 1 x Mixer extension	1	2123383
HIT-RE 100/500/1	1 x 500ml Foil pack, 1 x Mixer, 1 x Mixer extension	1	2123386

Injectable mortar HIT-RE 500



Base materials

- Concrete (uncracked)

Applications

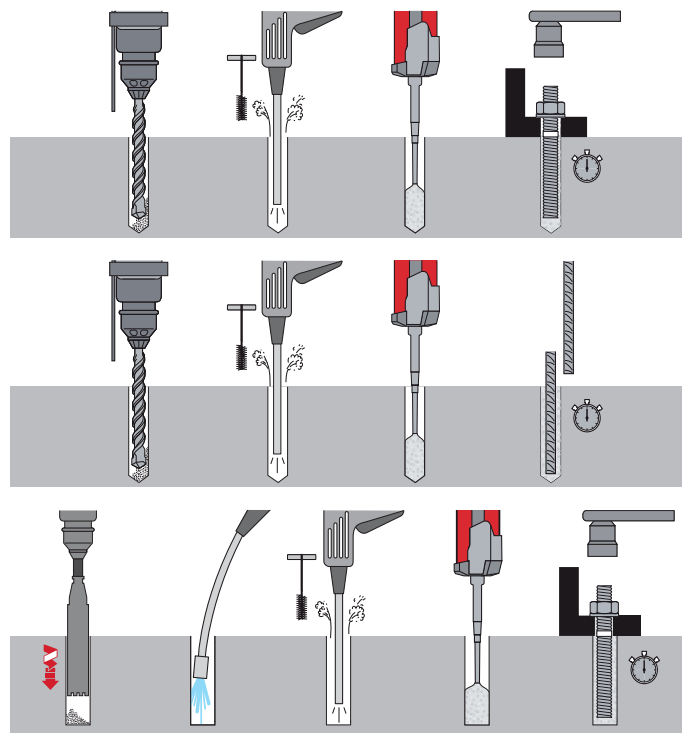
- Structural connections with post-installed rebar (e.g. extension/ connection to walls, slabs, stairs, columns, foundations, etc.)
- Substitution of misplaced/missing rebars or couplers
- Anchoring structural steel connections (e.g. steel columns, beams, etc.)
- Structural renovation of buildings, bridges and other civil structures. Retrofitting and re-strengthening of concrete members possible
- Suitable for underwater use in hammer-drilled holes
- Anchoring secondary steel structures (e.g. balustrades, steel ledgers, etc)

Advantages

- High performance and technical superiority as per international approvals
- Especially suitable for use with large-diameter elements and/or deep embedment depths
- No expansion forces in concrete allow secure fastenings even close to edges and/or with close spacing
- Unique foil packaging and compatible Hilti HIT injection system makes handling extremely easy
- Foil pack for minimized disposal costs due to less wastage
- Works like cast-in with post-installed rebars

Technical data

Material composition	Epoxy adhesive
Tested/approved for diamond drilling	Yes
PROFIS	Yes
Storage and transportation temperature - max.	25 °C
Base material condition	Dry, submerged, wet



Anchor Systems

Ordering designation	Package contents	Sales pack quantity	Item number
HIT-RE 500/330/1 INT	1x 330ml Foil pack, 1x Mixer, 1x Mixer extension	1	426675
HIT-RE 500/500/1 INT	1x 500ml Foil pack, 1x Mixer, 1x Mixer extension	1	426672

Injectable mortar HIT-HY 200-R



Base materials

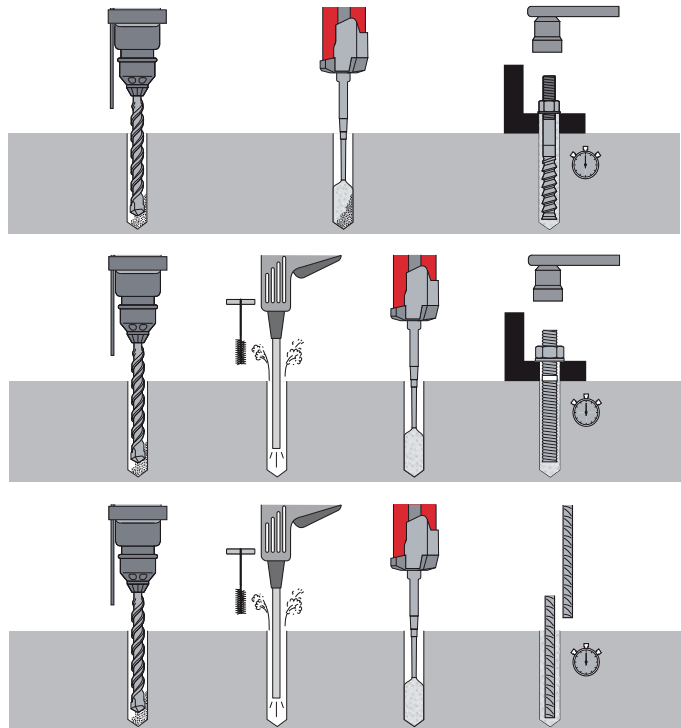
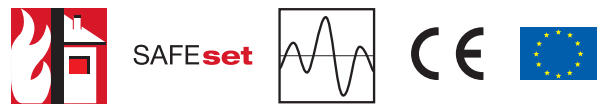
- Concrete (cracked)
- Concrete (uncracked)

Applications

- Anchoring structural steel connections (e.g. steel columns, beams)
- Structural renovation / upgrades with post-installed rebars
- Anchoring railings / safety barriers
- Anchoring secondary steel structures (e.g. staircases, steel ledgers)
- Substitution of misplaced / missing rebars
- Structural connections with post-installed rebars

Advantages

- No hole cleaning required with the revolutionary new HIT-Z anchor rod
- Curing time optimized for rebar applications and for deep anchoring applications
- Suitable for use in cracked and uncracked concrete with all anchor rods and rebars
- Highest approved loads according to latest international standards
- Works like cast-in in with post-installed rebars



Technical data

SAFEset	Yes
Material composition	Hybrid urethane methacrylate adhesive
PROFIS	Yes
Storage and transportation temperature - max.	25 °C
Base material condition	Dry, wet
Cleaning procedures	Compressed-air cleaning, manual cleaning, no cleaning required with Hilti HIT-Z rod

Ordering designation	Package contents	Sales pack quantity	Item number
HIT-HY 200-R 330/2/EE	1x 330ml Foil pack, 2x Mixer, 1x Mixer extension	1	2045036
HIT-HY 200-R 500/2/EE	1x 500ml Foil pack, 2x Mixer, 1x Mixer extension	1	2045032

Injectable mortar HIT-HY 70



Base materials

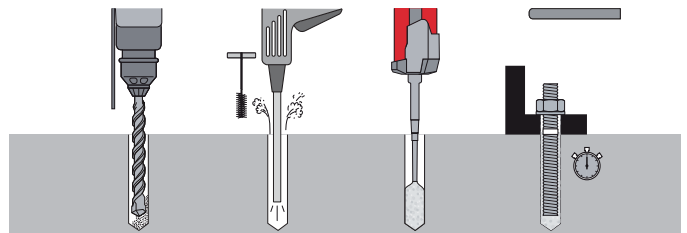
- Concrete (aerated)
- Concrete (uncracked)
- Drywall
- Glass
- Masonry (hollow)
- Masonry (solid)
- Some types of natural stone

Applications

- Applications in hollow and solid masonry
- Suitable for glass structures
- For heavy bracing on insulated materials in applications such as the installation of sun shades
- For wall ties
- Refurbishment and renovation

Advantages

- For strong, reliable and easy-to-install fastenings in a variety of masonry materials
- Performs reliably where the quality of brick and mortar is inconsistent, even when the size and location of voids are unknown
- Fastenings are free of expansion forces and have technical approvals
- For indoor and outdoor applications, as well as for use in dry and wet drilled holes
- Can be used in the temperature range between -5°C and +40° C (except in solid brick)



Technical data

Material composition	Hybrid urethane methacrylate adhesive
PROFIS	No
Storage and transportation temperature - max.	25 °C
Base material condition	Dry, wet
Cleaning procedures	Compressed-air cleaning, manual cleaning

Ordering designation	Package contents	Sales pack quantity	Item number
HIT-HY 70 330/2	1x 330ml Foil pack, 2x Mixer, 1x Mixer extension	1	383677

Injectable mortar HIT-MM PLUS



Base materials

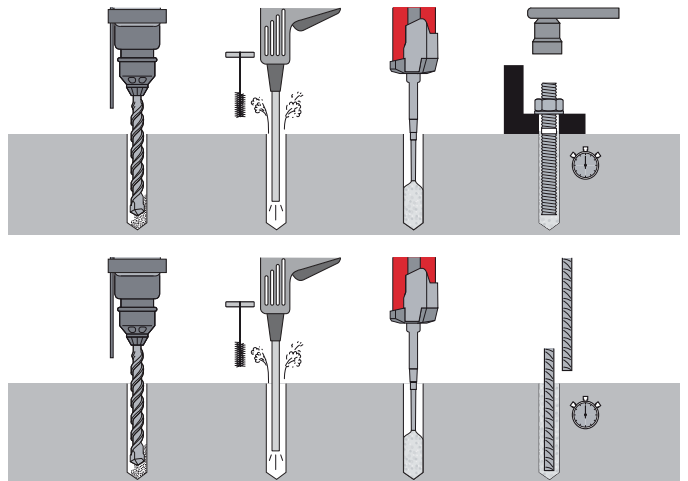
- Concrete (aerated)
- Concrete (uncracked)
- Drywall
- Masonry (hollow)
- Masonry (solid)
- Some types of natural stone

Applications

- Wide range of fastening applications in the medium load range in hollow block, solid block and concrete where no approval is required
- Fence and railing posts, gates, window grills, non-structural re-bars, wall cabinets, bathroom fittings, air conditioning systems, lights
- Surface treatment
- Suitable for frequent, repetitive use

Advantages

- Easy dispensing thanks to well-proven manual, cordless and pneumatic dispensers
- Unique soft foil pack for less waste
- Contains no styrene or other blacklisted substances and is virtually odorless
- Partly-used cartridges can be reused after a break simply by fitting a new mixing nozzle (partly-used cartridges have to be re-used within 4 weeks)
- Suitable for use on all base materials



Technical data

Material composition	Hybrid urethane methacrylate adhesive
PROFIS	No
Storage and transportation temperature - max.	25 °C
Base material condition	Dry, wet
Cleaning procedures	Manual cleaning

Ordering designation	Package contents	Sales pack quantity	Item number
HIT-MM PLUS 330/2	1x 330ml Foil pack, 2x Mixer, 1x Mixer extension	1	2031079
HIT-MM PLUS 500/2	1x 500ml Foil pack, 2x Mixer, 1x Mixer extension	1	2031400

Adhesive capsule anchor system HVU-TZ



Base materials

- Concrete (cracked)
- Concrete (uncracked)

Applications

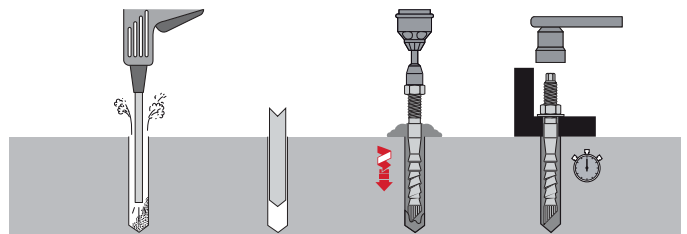
- Heavy-duty fastenings in cracked concrete and for dynamic loading (steel structures, machinery, crash barriers and noise barriers, curtain wall facades, railings)
- For safety-relevant fastenings

Advantages

- Tested according to the standard temperature curve (ISO 834) and German tunnel temperature curve (ZTV-ING, part 5)
- Flexibility is the key
- Suitable for use in cracked concrete

Technical data

Material composition	Hybrid urethane methacrylate adhesive
PROFIS	Yes
Storage and transportation temperature - max.	25 °C
Base material condition	Dry, wet
Anchoring elements	HAS-TZ torque-controlled bonded anchor



Ordering designation	Drill bit diameter	Standard embedment depth	Sales pack quantity	Item number
HVU-TZ M10	12 mm	75 mm	10	311368
HVU-TZ M12	14 mm	95 mm	10	311369
HVU-TZ M16	18 mm	105 mm	10	311370
HVU-TZ M20	25 mm	170 mm	4	335942

Adhesive capsule anchor system HVU



Base materials

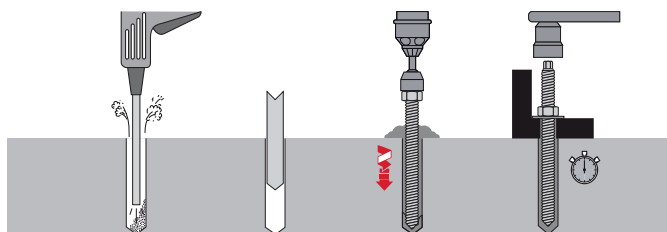
- Concrete (uncracked)

Applications

- Anchoring structural steel connections (e.g. steel columns, beams, etc.)
- For anchor applications along roads and in tunnels (crash and noise barriers, overhead catenary systems)

Advantages

- Flexible foil capsule instead of glass: a robust product for tough jobsite conditions
- Tested according to standard temperature curve (ISO 834) and the German tunnel temperature curve (ZTV-ING, part 5)
- One system for many applications thanks to a wide range of adhesive capsules, anchor rods in various diameters and lengths
- Convenient for overhead applications
- Preportioned foil, no waste
- Styrene free, almost odourless



Technical data

Material composition	Hybrid urethane methacrylate adhesive
PROFIS	Yes
Storage and transportation temperature - max.	25 °C
Base material condition	Dry, wet
Anchoring elements	HAS threaded rods

Ordering designation	Drill bit diameter	Standard embedment depth	Sales pack quantity	Item number
HVU M8X80	10 mm	80 mm	10	256691
HVU M10X90	12 mm	90 mm	10	256692
HVU M12X110	14 mm	110 mm	10	256693
HVU M16X125	18 mm	125 mm	10	256694
HVU M20X170	24 mm	170 mm	5	256695
HVU M24X210	28 mm	210 mm	5	256696
HVU M27X240	30 mm	240 mm	4	256697
HVU M30X270	35 mm	270 mm	4	256698
HVU M33X300	37 mm	300 mm	4	256699
HVU M36X330	40 mm	330 mm	2	256700
HVU M39X360	42 mm	360 mm	2	256701

Anchor rod HIT-Z



Technical data	
Material composition	Steel, zinc-plated (min. 5 µm)
Material, corrosion	Steel, zinc-plated
Environmental conditions	Indoor, dry conditions
Tested/approved for diamond drilling	Yes
PROFIS	Yes
Seismic	Yes

Applications

- Anchor rod for use with HIT-HY 200-R

Base materials

- Concrete (cracked)
- Concrete (uncracked)

Ordering designation	Anchor size	Drill bit diameter	Anchor length	Max. fixture thickness at standard embedment depth	Required tightening torque	Sales pack quantity	Item number
HIT-Z M8x100	M8	10 mm	100 mm	28 mm	10 Nm	40	2018365
HIT-Z M10x95	M10	12 mm	95 mm	22 mm	25 Nm	40	2018367
HIT-Z M10x115	M10	12 mm	115 mm	42 mm	25 Nm	40	2018368
HIT-Z M12x105	M12	14 mm	105 mm	29 mm	40 Nm	20	2018411
HIT-Z M12x140	M12	14 mm	140 mm	64 mm	40 Nm	20	2018412
HIT-Z M16x155	M16	18 mm	155 mm	38 mm	80 Nm	12	2018416
HIT-Z M16x175	M16	18 mm	175 mm	58 mm	80 Nm	12	2018417
HIT-Z M20x215	M20	22 mm	215 mm	91 mm	150 Nm	6	2018420

Anchor rod HIT-Z-R



Technical data	
Material composition	Steel, A4 (SS316)
Material, corrosion	Steel, stainless
Environmental conditions	Covered by ground soil, outdoor, underwater, fresh water
Tested/approved for diamond drilling	Yes
PROFIS	Yes
Seismic	Yes

Applications

- Anchor rod for use with HIT-HY 200-R

Base materials

- Concrete (cracked)
- Concrete (uncracked)

Ordering designation	Anchor size	Drill bit diameter	Anchor length	Max. fixture thickness at standard embedment depth	Required tightening torque	Sales pack quantity	Item number
HIT-Z-R M8x100	M8	10 mm	100 mm	28 mm	10 Nm	40	2018423
HIT-Z-R M10x95	M10	12 mm	95 mm	22 mm	25 Nm	40	2018425
HIT-Z-R M10x115	M10	12 mm	115 mm	42 mm	25 Nm	40	2018426
HIT-Z-R M12x105	M12	14 mm	105 mm	29 mm	40 Nm	20	2018429
HIT-Z-R M12x140	M12	14 mm	140 mm	64 mm	40 Nm	20	2018430
HIT-Z-R M16x155	M16	18 mm	155 mm	58 mm	80 Nm	12	2018434
HIT-Z-R M16x175	M16	18 mm	175 mm	88 mm	80 Nm	12	2018435
HIT-Z-R M20x215	M20	24 mm	215 mm	91 mm	150 Nm	6	2018438

Anchor rod HAS-TZ



Technical data

Material, corrosion	Steel, zinc-plated
Environmental conditions	Indoor, dry conditions
PROFIS	Yes

Applications

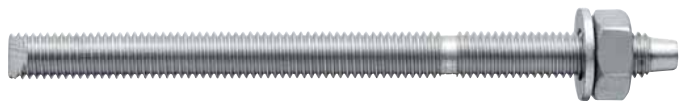
- Anchor rod for use with HVU-TZ

Base materials

- Concrete (cracked)
- Concrete (uncracked)

Ordering designation	Anchor size	Drill bit diameter	Anchor length	Drilling depth	Max. fixture thickness at standard embedment depth	Required tightening torque	Sales pack quantity	Item number
HAS-TZ M10X75/15	M10	12 mm	124 mm	90 mm	15 mm	20 Nm	10	310018
HAS-TZ M12X95/25	M12	14 mm	158 mm	110 mm	25 mm	40 Nm	10	308385
HAS-TZ M12X95/50	M12	14 mm	183 mm	110 mm	50 mm	40 Nm	10	308386
HAS-TZ M16X105/30	M16	18 mm	181 mm	125 mm	30 mm	80 Nm	5	308388
HAS-TZ M16X125/30	M16	18 mm	201 mm	145 mm	30 mm	80 Nm	5	332519
HAS-TZ M16X105/60	M16	18 mm	211 mm	125 mm	60 mm	80 Nm	5	308389
HAS-TZ M16X125/60	M16	18 mm	231 mm	145 mm	60 mm	80 Nm	5	332520
HAS-TZ M20X170/40	M20	24 mm	269 mm	195 mm	40 mm	150 Nm	4	335943

Anchor rod HAS-E



Technical data

Material composition	Steel, 5.8 grade, zinc-plated (min. 5 µm)
Material, corrosion	Steel, zinc-plated
Environmental conditions	Indoor, dry conditions
PROFIS	Yes

Base materials

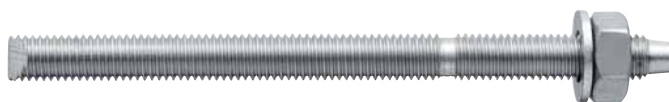
- Concrete (cracked)
- Concrete (uncracked)
- Masonry (solid)

Applications

- Anchor rod for use with HVU and HIT systems

Ordering designation	Anchor size	Drill bit diameter	Anchor length	Drilling depth	Max. fixture thickness at standard embedment depth	Sales pack quantity	Item number
HAS-E M8X80/14	M8	10 mm	110 mm	80 mm	14 mm	20	332219
HAS-E M10X90/21	M10	12 mm	130 mm	90 mm	21 mm	20	332220
HAS-E M10X90/61	M10	12 mm	170 mm	90 mm	61 mm	10	333100
HAS-E M12X110/28	M12	14 mm	160 mm	110 mm	28 mm	20	332221
HAS-E M12X110/88	M12	14 mm	220 mm	110 mm	88 mm	10	333102
HAS-E M16X125/38	M16	18 mm	190 mm	125 mm	38 mm	20	332222
HAS-E M16X125/108	M16	18 mm	260 mm	125 mm	108 mm	10	333106
HAS-E M20X170/48	M20	22 mm	240 mm	170 mm	48 mm	10	332223
HAS-E M20X170/68	M20	22 mm	260 mm	170 mm	68 mm	10	333110
HAS-E M24X210/54	M24	28 mm	290 mm	210 mm	54 mm	10	332224

Anchor rod HAS-E 8.8



Technical data

Material composition	Steel, 8.8 grade, zinc-plated (min. 5 µm)
Material, corrosion	Steel, zinc-plated
Environmental conditions	Indoor, dry conditions
PROFIS	Yes

Applications

- Anchor rod for use with HVU and HIT systems

Base materials

- Concrete (cracked)
- Concrete (uncracked)

Ordering designation	Anchor size	Drill bit diameter	Anchor length	Drilling depth	Max. fixture thickness at standard embedment depth	Sales pack quantity	Item number
HAS-E M27X240/60	M27	30 mm	340 mm	240 mm	60 mm	4	333114
HAS-E M30X270/70	M30	35 mm	380 mm	270 mm	70 mm	4	333115
HAS-E M33X300/80	M33	37 mm	420 mm	300 mm	80 mm	4	333116
HAS-E M36X330/90	M36	40 mm	460 mm	330 mm	90 mm	2	333117
HAS-E M39X360/100	M39	42 mm	510 mm	360 mm	100 mm	2	333118

Anchor rod HAS-E-F



Technical data

Material composition	Steel, 5.8 grade, hot-dip galvanized (min. 43 µm)
Material, corrosion	Steel, sherardized / hot-dip galvanized
Environmental conditions	Indoor, damp conditions, outdoor
PROFIS	Yes

Applications

- Anchor rod for use with HVU and HIT systems

Base materials

- Concrete (cracked)
- Concrete (uncracked)
- Masonry (solid)

Ordering designation	Anchor size	Drill bit diameter	Anchor length	Drilling depth	Max. fixture thickness at standard embedment depth	Sales pack quantity	Item number
HAS-E-F M8X80/14	M8	10 mm	110 mm	80 mm	14 mm	20	333143
HAS-E-F M10X90/21	M10	12 mm	130 mm	90 mm	21 mm	20	333145
HAS-E-F M12X110/28	M12	14 mm	160 mm	110 mm	28 mm	20	333148
HAS-E-F M12X110/88	M12	14 mm	220 mm	110 mm	88 mm	10	333149
HAS-E-F M12X110/128	M12	14 mm	260 mm	110 mm	128 mm	10	333150
HAS-E-F M16X125/38	M16	18 mm	190 mm	125 mm	38 mm	20	333153
HAS-E-F M16X125/108	M16	18 mm	260 mm	125 mm	108 mm	10	333154
HAS-E-F M20X170/48	M20	24 mm	240 mm	170 mm	48 mm	10	333158
HAS-E-F M24X210/54	M24	28 mm	290 mm	210 mm	54 mm	10	333163

Anchor rod HAS-E-F 8.8



Technical data

Material composition	Steel, 8.8 grade, hot-dip galvanized (min. 43 µm)
Material, corrosion	Steel, sherardized / hot-dip galvanized
Environmental conditions	Indoor, dry conditions, outdoor
PROFIS	Yes

Base materials

- Concrete (cracked)
- Concrete (uncracked)

Applications

- Anchor rod for use with HVU and HIT systems

Ordering designation	Anchor size	Drill bit diameter	Anchor length	Drilling depth	Max. fixture thickness at standard embedment depth	Sales pack quantity	Item number
HAS-E-F M27X240/60	M27	30 mm	340 mm	240 mm	60 mm	4	333164
HAS-E-F M30X270/70	M30	35 mm	380 mm	270 mm	70 mm	4	333165
HAS-E-F M33X300/80	M33	37 mm	420 mm	300 mm	80 mm	4	333166
HAS-E-F M36X330/90	M36	40 mm	460 mm	330 mm	90 mm	2	333167
HAS-E-F M39X360/100	M39	42 mm	510 mm	360 mm	100 mm	2	333168

Anchor rod HAS-E-R



Technical data

Material composition	Steel, A4 (SS316)
Material, corrosion	Steel, stainless
Environmental conditions	Covered by ground soil, outdoor, underwater, fresh water
PROFIS	Yes

Base materials

- Concrete (cracked)
- Concrete (uncracked)
- Masonry (solid)

Applications

- Anchor rod for use with HVU and HIT systems

Ordering designation	Anchor size	Drill bit diameter	Anchor length	Drilling depth	Max. fixture thickness at standard embedment depth	Sales pack quantity	Item number
HAS-E-R M8X80/14	M8	10 mm	110 mm	80 mm	14 mm	20	333119
HAS-E-R M10X90/21	M10	12 mm	130 mm	90 mm	21 mm	20	333122
HAS-E-R M12X110/28	M12	14 mm	160 mm	110 mm	28 mm	20	333126
HAS-E-R M12X110/88	M12	14 mm	220 mm	110 mm	88 mm	10	333127
HAS-E-R M16X125/38	M16	18 mm	190 mm	125 mm	38 mm	20	333131
HAS-E-R M16X125/108	M16	18 mm	260 mm	125 mm	108 mm	10	333132
HAS-E-R M20X170/48	M20	24 mm	240 mm	170 mm	48 mm	10	333135
HAS-E-R M20X170/108	M20	24 mm	300 mm	170 mm	108 mm	10	333136
HAS-E-R M24X210/54	M24	28 mm	290 mm	210 mm	54 mm	10	333137
HAS-E-R M27X240/60	M27	30 mm	340 mm	240 mm	60 mm	4	333138
HAS-E-R M30X270/70	M30	35 mm	380 mm	270 mm	70 mm	4	333139
HAS-E-R M33X300/80	M33	37 mm	420 mm	300 mm	80 mm	4	333140
HAS-E-R M36X330/90	M36	40 mm	460 mm	330 mm	90 mm	2	333141
HAS-E-R M39X360/100	M39	42 mm	510 mm	360 mm	100 mm	2	333142

Anchor rod HIT-C 8.8



Technical data

Material composition	Steel, 8.8 grade, zinc-plated (min. 5 µm)
Environmental conditions	Indoor, dry conditions

Base materials

- Concrete (non-cracked)
- Masonry (hollow)
- Masonry (solid)

Applications

- Anchor rod for use with HIT systems

Ordering designation	Anchor size	Drill bit diameter	Anchor length	Standard embedment depth	Sales pack quantity	Item number
HIT-C-8.8 M8x110	M8	10 mm	110 mm	80 mm	20	2126022
HIT-C-8.8 M10x115	M10	12 mm	115 mm	90 mm	10	2126023
HIT-C-8.8 M10x130	M10	12 mm	130 mm	90 mm	10	2126024
HIT-C-8.8 M10x150	M10	12 mm	150 mm	90 mm	10	2126025
HIT-C-8.8 M12x110	M12	14 mm	110 mm	110 mm	10	2126026
HIT-C-8.8 M12x120	M12	14 mm	120 mm	110 mm	10	2126027
HIT-C-8.8 M12x150	M12	14 mm	150 mm	110 mm	10	2126028
HIT-C-8.8 M12x160	M12	14 mm	160 mm	110 mm	10	2126029
HIT-C-8.8 M12x170	M12	14 mm	170 mm	110 mm	10	2126090
HIT-C-8.8 M12x220	M12	14 mm	220 mm	110 mm	10	2126091
HIT-C-8.8 M16x150	M16	18 mm	150 mm	125 mm	5	2126092
HIT-C-8.8 M16x160	M16	18 mm	160 mm	125 mm	5	2126093
HIT-C-8.8 M16x190	M16	18 mm	190 mm	125 mm	5	2126094
HIT-C-8.8 M16x200	M16	18 mm	200 mm	125 mm	5	2126095
HIT-C-8.8 M16x220	M16	18 mm	220 mm	125 mm	5	2126096
HIT-C-8.8 M16x230	M16	18 mm	230 mm	125 mm	5	2126097
HIT-C-8.8 M16x250	M16	18 mm	250 mm	125 mm	5	2126098
HIT-C-8.8 M16x300	M16	18 mm	300 mm	125 mm	5	2126099
HIT-C-8.8 M20x200	M20	22 mm	200 mm	170 mm	5	2126100
HIT-C-8.8 M20x240	M20	22 mm	240 mm	170 mm	5	2126101
HIT-C-8.8 M20x250	M20	22 mm	250 mm	170 mm	5	2126102
HIT-C-8.8 M20x260	M20	22 mm	260 mm	170 mm	5	2126103
HIT-C-8.8 M20x270	M20	22 mm	270 mm	170 mm	5	2126104
HIT-C-8.8 M20x300	M20	22 mm	300 mm	170 mm	5	2126105
HIT-C-8.8 M20x360	M20	22 mm	360 mm	170 mm	5	2126106
HIT-C-8.8 M20x400	M20	22 mm	400 mm	170 mm	5	2126107
HIT-C-8.8 M24x290	M24	28 mm	290 mm	210 mm	5	2126108
HIT-C-8.8 M24x300	M24	28 mm	300 mm	210 mm	5	2126109
HIT-C-8.8 M24x320	M24	28 mm	320 mm	210 mm	5	2126110
HIT-C-8.8 M24x330	M24	28 mm	330 mm	210 mm	5	2126111
HIT-C-8.8 M24x370	M24	28 mm	370 mm	210 mm	5	2126112
HIT-C-8.8 M24x390	M24	28 mm	390 mm	210 mm	5	2126113

Dispenser HDE 500-A22



Applications

- Injection of Hilti HIT adhesive mortar for fastening anchor rods and rebars in concrete and masonry
- No need for external power source supply
- Serial fastenings and/or injection in deep holes

Advantages

- Dose adjustment knob for accurate and controlled dispensing
- Fast, easy foil pack loading
- High battery capacity (up to 100x500ml foil packs)



product design award

2013

red dot design award
winner 2013

Technical data

Dispenser, setting tool, accessory, tester type	Dispensers
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Ordering designation	Weight	Sales pack quantity	Item number
HDE 500-A22 CR/CB cas	2.2 kg	1	2005637
Battery pack B 22/5.2 Li-Ion		1	2110409
Battery pack B 22/2.6 Li-Ion		1	2110532
Battery charger C 4/36-350 230V		1	2008876

Dispenser HDM



Applications

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

Advantages






- Fast, easy foil pack loading

Technical data

Dispenser, setting tool, accessory, tester type	Dispensers
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Ordering designation	Package contents	Weight	Sales pack quantity	Item number
HDM 330 cas	1x Body, 1x Red cartridge holder, 1x Black cartridge holder, 1x Safety goggles		1	2036319
HDM 500 cas	1x Body, 1x Red cartridge holder, 1x Black cartridge holder, 1x Safety goggles		1	2036320
HDM 330 box	1x Body	1.5 kg	1	2005640
HDM 500 box	1x Body	1.8 kg	1	2005641

Accessories for Injectable Adhesive Anchors

Ordering designation		HIT-RE 500-SD	HIT-RE 500	HIT-HY 200-R	HIT-HY 70	HIT-MM PLUS	Sales pack quantity	Item number
Cartridge holder HIT-CB 330		■	■		■	■	1	2007056
Cartridge holder HIT-CB 500		■	■		■	■	1	2007057
Cartridge holder HIT-CR 330				■			1	2007058
Cartridge holder HIT-CR 500				■			1	2007059

Accessories for blowing out drilled holes Hilti HIT



Applications

- 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	60579

Mixers and extensions Hilti HIT



Technical data

Dispenser, setting tool, accessory, tester type	Mixing nozzles and injection accessories
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Ordering designation	Sales pack quantity	Item number
Mixer HIT-RE-M	1	337111

Setting tool TE-C HEX / TE-Y HEX



Applications

- Setting tool for installing HAS-TZ with HVU-TZ

Technical data

Dispenser, setting tool, accessory, tester type	Setting tools
---	---------------

Ordering designation	Sales pack quantity	Item number
TE-C HEX M10	1	311415
TE-C HEX M12	1	311416
TE-C HEX M16	1	311417
TE-Y HEX M20	1	336420

Setting tool TE-C-E



Applications

- Setting tool for installing HAS-E with HVU

Technical data

Dispenser, setting tool, accessory, tester type	Setting tools
---	---------------

Ordering designation	Connection end	Sales pack quantity	Item number
TE-C-E M8	TE-C	1	369223
TE-C-E M10	TE-C	1	369224
TE-C-E M12	TE-C	1	369225
TE-C-E M16	TE-C	1	369226

Setting tool TE-Y-E



Applications

- Setting tool for installing HAS-E with HVU

Technical data

Dispenser, setting tool, accessory, tester type	Setting tools
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Ordering designation	Connection end	Sales pack quantity	Item number
TE-Y-E M16	TE-Y	1	369227
TE-Y-E M20	TE-Y	1	369228
TE-Y-E M24	TE-Y	1	369229

Undercut anchor HDA-T



Base materials

- Concrete (cracked)
- Concrete (uncracked)

Applications

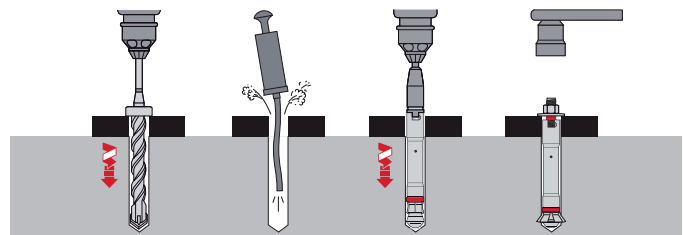
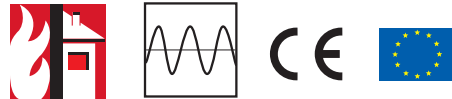
- Safety-relevant, heavy-duty fastenings for all dynamic loading (shock, seismic and fatigue) in cracked or uncracked concrete, including applications in nuclear power plants
- Fastenings to support heavy pipes, safety barriers, industrial machines, crane rails, dorm structures, crash barriers, roof fixings, elevator tracks, bridge retrofitting etc.

Advantages

- Self-undercutting facilitates fast and reliable installation without the need for separate undercutting tool or handling
- 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 because of low expansion forces

Technical data

Material composition	Bolt: steel, 8.8 grade, zinc-plated (min. 5 µm)
Head configuration	Externally threaded
Type of fastening	Through - fastening
PROFIS	Yes
Additional product information	Manufactured under a nuclear quality assurance program according to ASME NQA-1 and 10CFR50 App. B



Ordering designation	Anchor size	Max. fixture thickness at standard embedment depth	Base plate clearance hole	Drilling depth	Required tightening torque	Wrench size	Sales pack quantity	Item number
HDA-T M10x100/20	M10	20 mm	21 mm	127 mm	50 Nm	17 mm	12	331545
HDA-T M12x125/30	M12	30 mm	23 mm	163 mm	80 Nm	19 mm	8	331548
HDA-T M12x125/50	M12	50 mm	23 mm	183 mm	80 Nm	19 mm	8	331549
HDA-T M16x190/40	M16	40 mm	32 mm	243 mm	120 Nm	24 mm	4	331552
HDA-T M16x190/60	M16	60 mm	32 mm	263 mm	120 Nm	24 mm	4	331553
HDA-T M20x250/50	M20	50 mm	40 mm	316 mm	300 Nm	30 mm	2	339267
HDA-T M20x250/100	M20	100 mm	40 mm	366 mm	300 Nm	30 mm	2	339268

Undercut anchor HDA-TF



Base materials

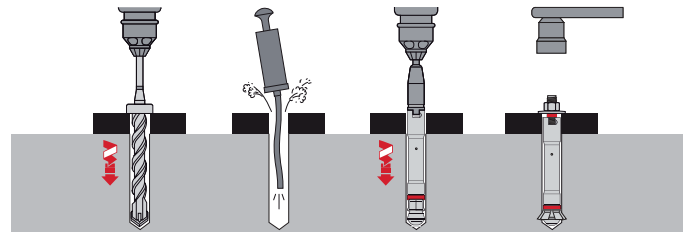
- Concrete (cracked)
- Concrete (uncracked)

Applications

- Safety-relevant heavy-duty fastenings for all dynamic loading in cracked or uncracked concrete, including applications in nuclear power plants
- Examples of applications: supports for heavy pipes, safety barriers, industrial machines, crane rails, dorm structures, crash barriers, roof fixings, elevator tracks, bridge retrofitting etc.

Advantages

- 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 because of very low expansion forces
- Self-undercutting facilitates fast and reliable installation. No separate undercutting tool or handling needed



Technical data

Material composition	Bolt: steel, 8.8 grade, sherardized (min. 53 µm)
Head configuration	Externally threaded
Type of fastening	Through - fastening
PROFIS	Yes
Additional product information	Manufactured under a nuclear quality assurance program according to ASME NQA-1-2000 and 10CFR50 App. B

Ordering designation	Anchor size	Max. fixture thickness at standard embedment depth	Base plate clearance hole	Drilling depth	Required tightening torque	Wrench size	Sales pack quantity	Item number
HDA-TF M10x100/20	M10	20 mm	21 mm	127 mm	50 Nm	17 mm	12	412903
HDA-TF M12x125/30	M12	30 mm	23 mm	163 mm	80 Nm	19 mm	8	412904
HDA-TF M12x125/50	M12	50 mm	23 mm	183 mm	80 Nm	19 mm	8	412905
HDA-TF M16x190/40	M16	40 mm	32 mm	243 mm	120 Nm	24 mm	4	339364
HDA-TF M16x190/60	M16	60 mm	32 mm	263 mm	120 Nm	24 mm	4	339365

Undercut anchor HDA-TR



Base materials

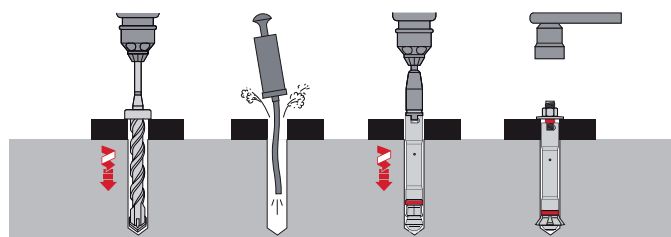
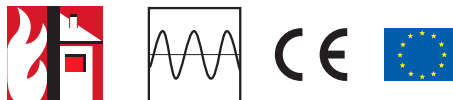
- Concrete (cracked)
- Concrete (uncracked)

Applications

- Safety-relevant, heavy-duty fastening for dynamic loading in cracked or uncracked concrete and corrosive environments, including applications in nuclear power plants
- Anchoring supports for heavy pipes, safety barriers, industrial machines, crane rails, dorm structures, crash barriers, roof fixings, elevator tracks, bridge retrofiting etc.

Advantages

- 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 because of low expansion forces
- Self-undercutting facilitates fast and reliable installation without the need for additional tools



Technical data

Material composition	Steel, A4 (SS316)
Head configuration	Externally threaded
Type of fastening	Through - fastening
PROFIS	Yes
Additional product information	Manufactured under a nuclear quality assurance program according to ASME NQA-1 and 10CFR50 App. B

Ordering designation	Anchor size	Max. fixture thickness at standard embedment depth	Base plate clearance hole	Drilling depth	Required tightening torque	Wrench size	Sales pack quantity	Item number
HDA-TR M10x100/20	M10	20 mm	21 mm	127 mm	50 Nm	17 mm	12	339351
HDA-TR M12x125/30	M12	30 mm	23 mm	163 mm	80 Nm	19 mm	8	339352
HDA-TR M12x125/50	M12	50 mm	23 mm	163 mm	80 Nm	19 mm	8	339353
HDA-TR M16x190/40	M16	40 mm	32 mm	263 mm	120 Nm	24 mm	4	339354
HDA-TR M16x190/60	M16	60 mm	32 mm	263 mm	120 Nm	24 mm	4	339355

Undercut anchor HDA-P



Base materials

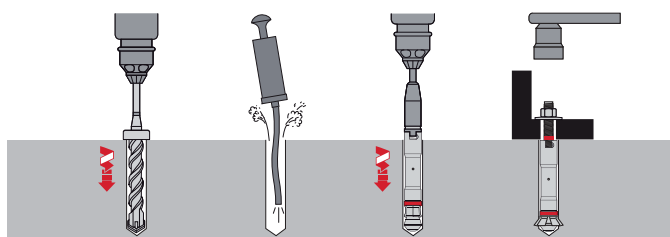
- Concrete (cracked)
- Concrete (uncracked)

Applications

- 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, safety barriers, industrial machines, crane rails, dorm structures, crash barriers, roof fixings, elevator tracks, bridge retrofitting etc.

Advantages

- Self-undercutting facilitates fast and reliable installation without the need for separate undercutting tool or handling
- Combines the flexibility and immediate loading of a post-installed mechanical anchor with the performance of a cast-in-place headed stud
- Close spacing and small edge distance because of low expansion forces



Technical data

Material composition	Bolt: steel, 8.8 grade, zinc-plated (min. 5 µm)
Head configuration	Externally threaded
Type of fastening	Pre - fastening
PROFIS	Yes
Additional product information	Manufactured under a nuclear quality assurance program according to ASME NQA-1 and 10CFR50 App. B

Ordering designation	Anchor size	Max. fixture thickness at standard embedment depth	Base plate clearance hole	Drilling depth	Required tightening torque	Wrench size	Sales pack quantity	Item number
HDA-P M10x100/20	M10	20 mm	12 mm	107 mm	50 Nm	17 mm	12	331544
HDA-P M12x125/30	M12	30 mm	14 mm	133 mm	80 Nm	19 mm	8	331546
HDA-P M12x125/50	M12	50 mm	14 mm	133 mm	80 Nm	19 mm	8	331547
HDA-P M16x190/40	M16	40 mm	18 mm	203 mm	120 Nm	24 mm	4	331550
HDA-P M16x190/60	M16	60 mm	18 mm	203 mm	120 Nm	24 mm	4	331551
HDA-P M20x250/50	M20	50 mm	22 mm	266 mm	300 Nm	30 mm	2	339265
HDA-P M20x250/100	M20	100 mm	22 mm	266 mm	300 Nm	30 mm	2	339266

Undercut anchor HDA-PF



Base materials

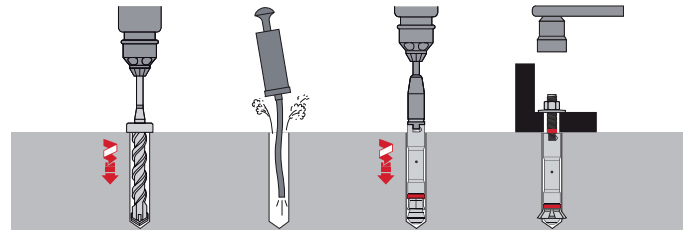
- Concrete (cracked)
- Concrete (uncracked)

Applications

- Safety-relevant heavy-duty fastenings for all dynamic loading in cracked or uncracked concrete, including applications in nuclear power plants
- Examples of applications: supports for heavy pipes, safety barriers, industrial machines, crane rails, dorm structures, crash barriers, roof fixings, elevator tracks, bridge retrofitting etc.

Advantages

- 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 because of very low expansion forces
- Self-undercutting facilitates fast and reliable installation. No separate undercutting tool or handling needed



Technical data

Material composition	Bolt: steel, 8.8 grade, sherardized (min. 53 µm)
Head configuration	Externally threaded
Type of fastening	Pre - fastening
PROFIS	Yes
Additional product information	Manufactured under a nuclear quality assurance program according to ASME NQA-1-2000 and 10CFR50 App. B

Ordering designation	Anchor size	Max. fixture thickness at standard embedment depth	Base plate clearance hole	Drilling depth	Required tightening torque	Wrench size	Sales pack quantity	Item number
HDA-PF M10x100/20	M10	20 mm	12 mm	107 mm	50 Nm	17 mm	12	339356
HDA-PF M12x125/30	M12	30 mm	14 mm	133 mm	80 Nm	19 mm	8	339357
HDA-PF M12x125/50	M12	50 mm	14 mm	133 mm	80 Nm	19 mm	8	339358
HDA-PF M16x190/40	M16	40 mm	18 mm	203 mm	120 Nm	24 mm	4	339359
HDA-PF M16x190/60	M16	60 mm	18 mm	203 mm	120 Nm	24 mm	4	339360

Undercut anchor HDA-PR



Base materials

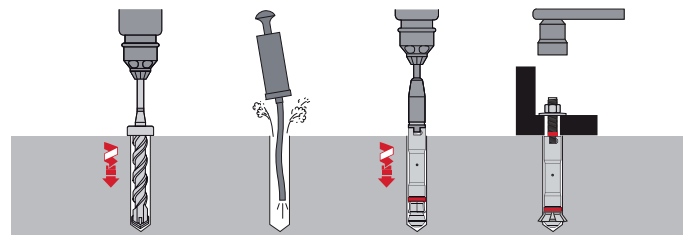
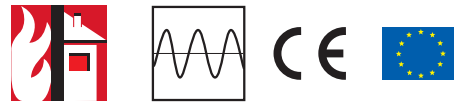
- Concrete (cracked)
- Concrete (uncracked)

Applications

- Safety-relevant, heavy-duty fastening for dynamic loading in cracked or uncracked concrete and corrosive environments, including applications in nuclear power plants
- Anchoring supports for heavy pipes, safety barriers, industrial machines, crane rails, dorm structures, crash barriers, roof fixings, elevator tracks, bridge retrofitting etc.

Advantages

- Combines the flexibility and immediate loading of a post-installed mechanical anchor with the performance of a cast-in-place headed stud
- Close spacing and small edge distance because of low expansion forces
- Self-undercutting facilitates fast and reliable installation without the need for additional tools



Technical data

Material composition	Steel, A4 (SS316)
Head configuration	Externally threaded
Type of fastening	Pre - fastening
PROFIS	Yes
Additional product information	Manufactured under a nuclear quality assurance program according to ASME NQA-1-2000 and 10CFR50 App. B

Ordering designation	Anchor size	Max. fixture thickness at standard embedment depth	Base plate clearance hole	Drilling depth	Required tightening torque	Wrench size	Sales pack quantity	Item number
HDA-PR M10x100/20	M10	20 mm	12 mm	107 mm	50 Nm	17 mm	12	339346
HDA-PR M12x125/30	M12	30 mm	14 mm	133 mm	80 Nm	19 mm	8	339347
HDA-PR M12x125/50	M12	50 mm	14 mm	133 mm	80 Nm	19 mm	8	339348
HDA-PR M16x190/40	M16	40 mm	18 mm	203 mm	120 Nm	24 mm	4	339349
HDA-PR M16x190/60	M16	60 mm	18 mm	203 mm	120 Nm	24 mm	4	339350

Safety anchor HSC-A



Base materials

- Concrete (cracked)
- Concrete (uncracked)

Applications

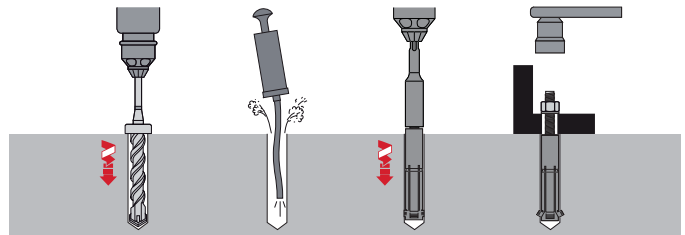
- Safety relevant medium-duty fastenings in cracked or non-cracked concrete, especially where shallow embedment and/or small edge distance or close spacing is required
- Examples are stair hand rails, sprinkler pipes, air ducts, seating, facade substructures, car park barriers, etc.

Advantages

- Shallow embedment depth for thin concrete slabs or where permissible drilling depth is limited
- Combines the advantages of high working loads with small edge distances and close spacing thanks to very low expansion forces
- Self-undercutting facilitates fast and reliable installation. No separate undercutting tool or handling needed

Technical data

Material composition	Bolt: steel, 8.8 grade, zinc-plated (min. 5 µm)
Head configuration	Externally threaded
PROFIS	Yes



Ordering designation	Anchor size	Max. fixture thickness at standard embedment depth	Base plate clearance hole	Drilling depth	Required tightening torque	Wrench size	Sales pack quantity	Item number
HSC-A M8x40/15	M8	15 mm	9 mm	46 mm	10 Nm	13 mm	25	31139
HSC-A M8x50/15	M8	15 mm	9 mm	56 mm	10 Nm	13 mm	25	31141
HSC-A M10x40/20	M10	20 mm	12 mm	47 mm	20 Nm	17 mm	25	31140
HSC-A M12x60/20	M12	20 mm	14 mm	68 mm	30 Nm	19 mm	20	15507

Safety anchor HSC-AR



Base materials

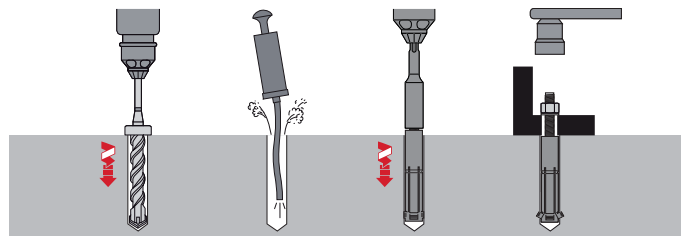
- Concrete (cracked)
- Concrete (uncracked)

Applications

- Safety-relevant medium-duty fastenings in cracked or uncracked concrete and in corrosive environments, especially where shallow embedment and/or small edge distances or close spacing are required
- For various applications such as stair hand rails, balcony safety railings, sprinkler pipes, air ducts, seating, facade substructures, car park barriers, etc.

Advantages

- Shallow embedment depth for thin concrete slabs or where permissible drilling depth is limited
- Combines the advantages of high working loads with small edge distances and close spacing thanks to very low expansion forces
- Self-undercutting facilitates fast and reliable installation. No separate undercutting tool or handling needed



Technical data

Material composition	Steel, A4 (SS316)
Head configuration	Externally threaded
PROFIS	Yes

Ordering designation	Anchor size	Max. fixture thickness at standard embedment depth	Base plate clearance hole	Drilling depth	Required tightening torque	Wrench size	Sales pack quantity	Item number
HSC-AR M8x40/15	M8	15 mm	9 mm	46 mm	10 Nm	13 mm	25	31148
HSC-AR M8x50/15	M8	15 mm	9 mm	56 mm	10 Nm	13 mm	25	31150
HSC-AR M10x40/20	M10	20 mm	12 mm	47 mm	20 Nm	17 mm	25	31149
HSC-AR M12x60/20	M12	20 mm	14 mm	68 mm	30 Nm	19 mm	20	15506

Anchor Systems

Safety anchor HSC-I



Base materials

- Concrete (cracked)
- Concrete (uncracked)

Applications

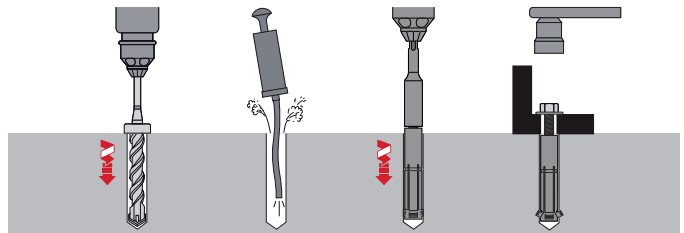
- Safety relevant medium-duty fastenings in cracked or non-cracked concrete, especially where shallow embedment and/or small edge distance or close spacing is required
- Examples are stair hand rails, sprinkler pipes, air ducts, seating, facade substructures, car park barriers, etc.

Advantages

- Shallow embedment depth for thin concrete slabs or where permissible drilling depth is limited
- Combines the advantages of high working loads with small edge distances and close spacing thanks to very low expansion forces
- Self-undercutting facilitates fast and reliable installation. No separate undercutting tool or handling needed

Technical data

Material composition	Bolt: steel, 8.8 grade, zinc-plated (min. 5 µm)
Head configuration	Inner thread
PROFIS	Yes



Ordering designation	Anchor size	Internal thread size	Base plate clearance hole	Drilling depth	Required tightening torque	Sales pack quantity	Item number
HSC-I M6x40	M6	6 mm	7 mm	46 mm	10 Nm	25	31142
HSC-I M8x40	M8	8 mm	9 mm	47 mm	10 Nm	25	31143
HSC-I M10x50	M10	10 mm	12 mm	56 mm	20 Nm	25	31144
HSC-I M10x60	M10	10 mm	12 mm	68 mm	20 Nm	25	31145
HSC-I M12x60	M12	12 mm	14 mm	69 mm	30 Nm	25	31146

Safety anchor HSC-IR



Base materials

- Concrete (cracked)
- Concrete (uncracked)

Applications

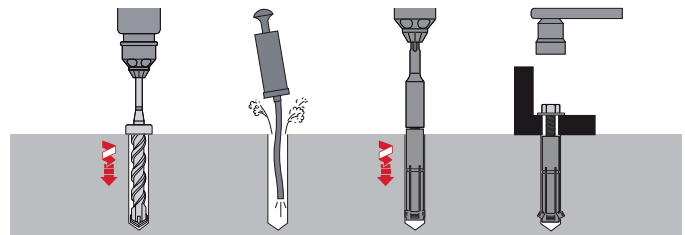
- Safety-relevant medium-duty fastenings in cracked or uncracked concrete and in corrosive environments, especially where shallow embedment and/or small edge distances or close spacing are required
- For various applications such as stair hand rails, balcony safety railings, sprinkler pipes, air ducts, seating, facade substructures, car park barriers, etc.

Advantages

- Shallow embedment depth for thin concrete slabs or where permissible drilling depth is limited
- Combines the advantages of high working loads with small edge distances and close spacing thanks to very low expansion forces
- Self-undercutting facilitates fast and reliable installation. No separate undercutting tool or handling needed

Technical data

Material composition	Steel, A4 (SS316)
Head configuration	Inner thread
PROFIS	Yes



Ordering designation	Anchor size	Internal thread size	Base plate clearance hole	Drilling depth	Required tightening torque	Sales pack quantity	Item number
HSC-IR M6x40	M6	6 mm	7 mm	46 mm	10 Nm	25	31151
HSC-IR M8x40	M8	8 mm	9 mm	47 mm	10 Nm	25	31152
HSC-IR M10x50	M10	10 mm	12 mm	56 mm	20 Nm	25	31153
HSC-IR M10x60	M10	10 mm	12 mm	68 mm	20 Nm	25	31154
HSC-IR M12x60	M12	12 mm	14 mm	69 mm	30 Nm	25	31155

Heavy-duty anchor HSL-3



Base materials

- Concrete (cracked)
- Concrete (uncracked)

Applications

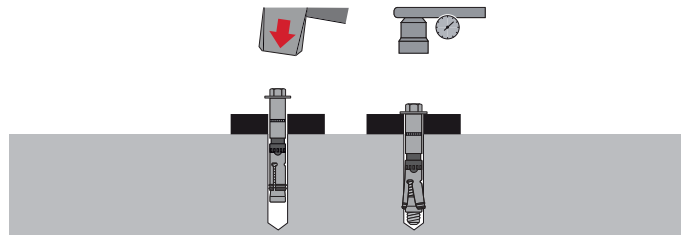
- Heavy-duty fastenings in high safety-relevant or dynamic applications, including applications in nuclear power plants
- Heavy-duty applications e.g machines, heavy equipment, steel columns, heavy pipe supports, pumps, beam supports, medical equipment, cantilevers, cranes, car hoists, etc.

Advantages

- High tension and shear load capacities
- Force-controlled expansion which allows follow-up expansion
- ETA Option 1 for cracked and uncracked concrete

Technical data

Material composition	Steel, zinc-plated (min. 5 µm), Bolt: steel, 8.8 grade, zinc-plated (min. 5 µm)
Head configuration	Hex head
PROFIS	Yes



Ordering designation	Anchor size	Anchor length	Drill bit diameter	Base plate clearance hole	Required tightening torque	Wrench size	Sales pack quantity	Item number
HSL-3 M8/20	M8	98 mm	12 mm	14 mm	25 Nm	13 mm	40	371775
HSL-3 M10/20	M10	110 mm	15 mm	17 mm	50 Nm	17 mm	20	371778
HSL-3 M12/25	M12	131 mm	18 mm	20 mm	80 Nm	19 mm	20	371781
HSL-3 M12/50	M12	156 mm	18 mm	20 mm	80 Nm	19 mm	10	371782
HSL-3 M16/25	M16	153 mm	24 mm	26 mm	120 Nm	24 mm	10	371784
HSL-3 M16/50	M16	178 mm	24 mm	26 mm	120 Nm	24 mm	10	371785
HSL-3 M20/30	M20	183 mm	28 mm	31 mm	200 Nm	30 mm	6	371787
HSL-3 M20/60	M20	213 mm	28 mm	31 mm	200 Nm	30 mm	6	371788
HSL-3 M24/30	M24	205 mm	32 mm	35 mm	250 Nm	36 mm	4	371790

Heavy-duty anchor HSL-3-B



Base materials

- Concrete (cracked)
- Concrete (uncracked)

Applications

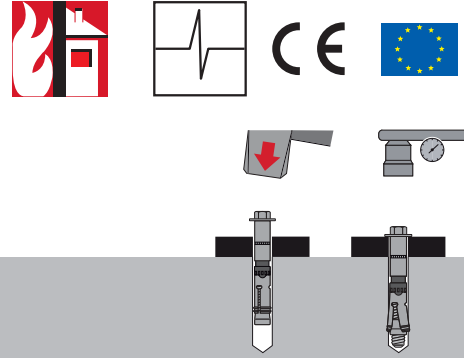
- Heavy-duty fastenings in highly safety-relevant or dynamic applications, including applications in nuclear power plants
- Applications where extensive approval back-up or technical back-up is required, e.g. machines, heavy equipment, steel columns, heavy pipe supports, pumps, beam supports, medical equipment, cantilevers, cranes, car hoists, etc.

Advantages

- Special safety cap ensures that the correct installation torque is always applied even without using a torque wrench
- High tension and shear load capacity
- Force-controlled expansion which allows follow-up expansion

Technical data

Material composition	Steel, zinc-plated (min. 5 µm), Bolt: steel, 8.8 grade, zinc-plated (min. 5 µm)
Head configuration	Safety cap (torque cap)
PROFIS	Yes



Ordering designation	Anchor size	Anchor length	Drill bit diameter	Base plate clearance hole	Required tightening torque	Wrench size	Sales pack quantity	Item number
HSL-3-B M12/25	M12	137 mm	18 mm	20 mm	80 Nm	24 mm	20	371808
HSL-3-B M16/25	M16	159 mm	24 mm	26 mm	120 Nm	30 mm	10	371811
HSL-3-B M20/30	M20	189 mm	28 mm	31 mm	200 Nm	36 mm	6	371814
HSL-3-B M24/30	M24	211 mm	32 mm	35 mm	250 Nm	41 mm	4	371817

Heavy-duty anchor HSL-3-G



Base materials

- Concrete (cracked)
- Concrete (uncracked)

Applications

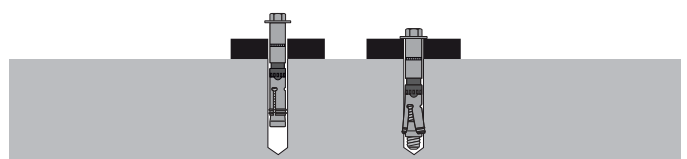
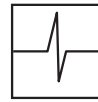
- Heavy-duty fastenings in high safety-relevant or dynamic applications, including applications in nuclear power plants
- Applications where extensive approval back-up or technical back-up is required, e.g. machines, heavy equipment, steel columns, heavy pipe supports, pumps, beam supports, medical equipment, cantilevers, cranes, car hoists, etc.

Advantages

- High tension and shear load capacity
- Force-controlled expansion which allows follow-up expansion
- ETA Option 1 for cracked and uncracked concrete

Technical data

Material composition	Steel, zinc-plated (min. 5 µm), Bolt: steel, 8.8 grade, zinc-plated (min. 5 µm)
Head configuration	Externally threaded
PROFIS	Yes



Ordering designation	Anchor size	Anchor length	Drill bit diameter	Base plate clearance hole	Required tightening torque	Wrench size	Sales pack quantity	Item number
HSL-3-G M8/20	M8	102 mm	12 mm	14 mm	20 Nm	13 mm	40	371793
HSL-3-G M10/20	M10	115 mm	15 mm	17 mm	35 Nm	17 mm	20	371796
HSL-3-G M12/25	M12	139 mm	18 mm	20 mm	60 Nm	19 mm	20	371799
HSL-3-G M16/25	M16	163 mm	24 mm	26 mm	80 Nm	24 mm	10	371802
HSL-3-G M20/30	M20	190 mm	28 mm	31 mm	160 Nm	30 mm	6	371805

Safety stud anchor HST3 NEW



Base materials

- Concrete (cracked)
- Concrete (uncracked)

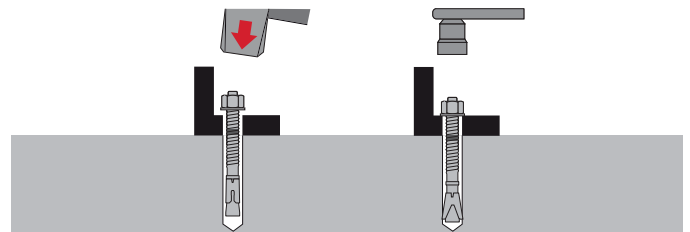
Applications

- Wide range of safety-relevant applications
- Structural steel, facade, mechanical equipment, racks, hand rails, etc.

HST3 is an upgraded version of HST, of equivalent or better specifications than HST. Key improvement areas include load performance, edge distance, anchor spacing, concrete application range, setting depths, drilling methods, etc.

Advantages

- Highest performance stud anchor with design tension resistance increased by up to 66% in cracked concrete, compared to HST
- Highest resistance for geometrically challenging requirements, e.g. reduced member thickness, shortest spacing and edge distances.
- Extend concrete strength class range from C12/15 to C80/95
- Flexibility with two embedment depths included in the ETA



Technical data

Material composition	Steel, zinc-plated (min. 5 µm)
Head configuration	Externally threaded
Type of fastening	Pre-fastening, Through-fastening
Approvals / test reports	BZS/shock, ETA, Fire, Seismic



Anchor Systems

Ordering designation	Drill bit diameter	Anchor size	Anchor length	Base plate clearance hole	Required tightening torque	Socket size	Wrench size	Sales pack quantity	Item number
HST3 M8x75 -/10	8 mm	M8	75 mm	9 mm	20 Nm	13 mm	13 mm	100	2105888
HST3 M10x90 30/10	10 mm	M10	90 mm	12 mm	45 Nm	17 mm	17 mm	50	2105712
HST3 M12x115 40/20	12 mm	M12	115 mm	14 mm	60 Nm	19 mm	19 mm	25	2105719
HST3 M12x145 70/50	12 mm	M12	145 mm	14 mm	60 Nm	19 mm	19 mm	25	2105851
HST3 M16x145 45/25	16 mm	M16	145 mm	18 mm	110 Nm	24 mm	24 mm	12	2105859
HST3 M16x170 70/50	16 mm	M16	170 mm	18 mm	110 Nm	24 mm	24 mm	12	2105860
HST3 M20x170 -/30	20 mm	M20	170 mm	22 mm	180 Nm	30 mm	30 mm	5	2105891
HST3 M20x200 -/60	20 mm	M20	200 mm	22 mm	180 Nm	30 mm	30 mm	5	2105892
HST3 M24x200 -/30	24 mm	M24	200 mm	26 mm	300 Nm	36 mm	36 mm	5	2105894

Safety stud anchor HST3-R **NEW**

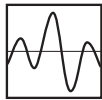
Technical data

Material composition	Steel, A4 (SS316)
Head configuration	Externally threaded
Type of fastening	Pre-fastening, Through-fastening
Approvals / test reports	BZS/shock, ETA, Fire, Seismic



Base materials

- Concrete (cracked)
- Concrete (uncracked)



Ordering designation	Drill bit diameter	Anchor size	Anchor length	Base plate clearance hole	Required tightening torque	Socket size	Wrench size	Sales pack quantity	Item number
HST3-R M8x75 -/10	8 mm	M8	75 mm	9 mm	20 Nm	13 mm	13 mm	50	2105896
HST3-R M10x90 30/10	10 mm	M10	90 mm	12 mm	45 Nm	17 mm	17 mm	50	2105864
HST3-R M10x110 50/30	10 mm	M10	110 mm	12 mm	45 Nm	17 mm	17 mm	40	2105866
HST3-R M12x115 40/20	12 mm	M12	115 mm	14 mm	60 Nm	19 mm	19 mm	25	2105870
HST3-R M16x145 45/25	16 mm	M16	145 mm	18 mm	110 Nm	24 mm	24 mm	12	2105877
HST3-R M20x170 -/30	20 mm	M20	170 mm	22 mm	180 Nm	30 mm	30 mm	5	2105899
HST3-R M24x200 -/30	24 mm	M24	200 mm	26 mm	300 Nm	36 mm	36 mm	5	2105901

Standard stud anchor HSA



Base materials

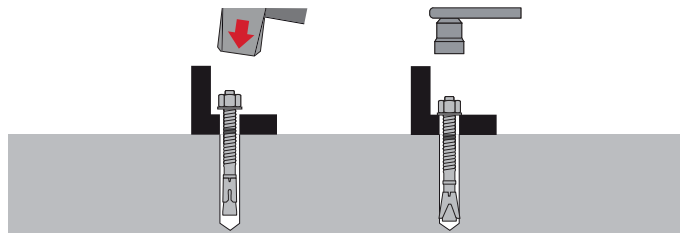
- Concrete (uncracked)

Applications

- Wide range of fastening applications in concrete
- Fastening columns and beams

Advantages

- ETA approved torquing with SIW 22-A impact wrench and S-TB
- Fast and easy anchor setting with S-TB
- Excellent edge and spacing distances
- High loads (optimal utilization of the concrete strength)
- 3 embedment depths offering maximum flexibility



Standard stud anchor HSA

Technical data

Material composition	Steel, zinc-plated (min. 5 µm)
Head configuration	Externally threaded
PROFIS	Yes



Ordering designation	Drill bit diameter	Anchor size	Anchor length	Base plate clearance hole	Required tightening torque	Socket size	Wrench size	Sales pack quantity	Item number
HSA M6x50 5/-/-	6 mm	M6	50 mm	7 mm	5 Nm	10 mm	10 mm	200	2036084
HSA M6x65 20/10/-	6 mm	M6	65 mm	7 mm	5 Nm	10 mm	10 mm	200	2036085
HSA M8x55 5/-/-	8 mm	M8	55 mm	9 mm	15 Nm	13 mm	13 mm	100	2004122
HSA M8x70 20/10/-	8 mm	M8	70 mm	9 mm	15 Nm	13 mm	13 mm	100	2004123
HSA M8x85 35/25/-	8 mm	M8	85 mm	9 mm	15 Nm	13 mm	13 mm	80	2004124
HSA M10x68 5/-/-	10 mm	M10	68 mm	12 mm	25 Nm	17 mm	17 mm	50	2004127
HSA M10x83 20/10/-	10 mm	M10	83 mm	12 mm	25 Nm	17 mm	17 mm	50	2004128
HSA M10x98 35/25/-	10 mm	M10	98 mm	12 mm	25 Nm	17 mm	17 mm	40	2004129
HSA M10x113 50/40/10	10 mm	M10	113 mm	12 mm	25 Nm	17 mm	17 mm	40	2004150
HSA M12x85 5/-/-	12 mm	M12	85 mm	14 mm	50 Nm	19 mm	19 mm	25	2004154
HSA M12x100 20/5/-	12 mm	M12	100 mm	14 mm	50 Nm	19 mm	19 mm	25	2004155
HSA M12x115 35/20/-	12 mm	M12	115 mm	14 mm	50 Nm	19 mm	19 mm	25	2004156
HSA M12x145 65/50/15	12 mm	M12	145 mm	14 mm	50 Nm	19 mm	19 mm	25	2004157
HSA M12x175 95/80/45	12 mm	M12	175 mm	14 mm	50 Nm	19 mm	19 mm	25	2004158
HSA M16x102 5/-/-	16 mm	M16	102 mm	18 mm	80 Nm	24 mm	24 mm	16	2004161
HSA M16x117 20/5/-	16 mm	M16	117 mm	18 mm	80 Nm	24 mm	24 mm	16	2004162
HSA M16x137 40/25/-	16 mm	M16	137 mm	18 mm	80 Nm	24 mm	24 mm	16	2004163
HSA M16x182 85/70/30	16 mm	M16	182 mm	18 mm	80 Nm	24 mm	24 mm	16	2004164
HSA M16x232 135/120/80	16 mm	M16	232 mm	18 mm	80 Nm	24 mm	24 mm	16	2004165
HSA M20x125 10/-/-	20 mm	M20	125 mm	22 mm	200 Nm	30 mm	30 mm	10	2036088
HSA M20x170 55/30/-	20 mm	M20	170 mm	22 mm	200 Nm	30 mm	30 mm	10	2036089

Standard stud anchor HSA-F

Technical data

Material composition	Steel, hot-dip galvanized (min. 35 µm)
Head configuration	Externally threaded



Base materials

- Concrete (uncracked)

Ordering designation	Drill bit diameter	Anchor size	Anchor length	Base plate clearance hole	Required tightening torque	Socket size	Wrench size	Sales pack quantity	Item number
HSA-F M6x65 20/10/-	6 mm	M6	65 mm	7 mm	5 Nm	10 mm	10 mm	200	2036311
HSA-F M8x70 20/10/-	8 mm	M8	70 mm	9 mm	15 Nm	13 mm	13 mm	100	2004114
HSA-F M10x83 20/10/-	10 mm	M10	83 mm	12 mm	25 Nm	17 mm	17 mm	50	2004119
HSA-F M10x98 35/25/-	10 mm	M10	98 mm	12 mm	25 Nm	17 mm	17 mm	40	2004170
HSA-F M10x113 50/40/10	10 mm	M10	113 mm	12 mm	25 Nm	17 mm	17 mm	40	2004171
HSA-F M12x100 20/5/-	12 mm	M12	100 mm	14 mm	50 Nm	19 mm	19 mm	25	2004173
HSA-F M12x115 35/20/-	12 mm	M12	115 mm	14 mm	50 Nm	19 mm	19 mm	25	2004174
HSA-F M12x145 65/50/15	12 mm	M12	145 mm	14 mm	50 Nm	19 mm	19 mm	25	2004175
HSA-F M16x102 5/-/-	16 mm	M16	102 mm	18 mm	80 Nm	24 mm	24 mm	16	2004177
HSA-F M16x137 40/25/-	16 mm	M16	137 mm	18 mm	80 Nm	24 mm	24 mm	16	2004178
HSA-F M20x125 10/-/-	20 mm	M20	125 mm	22 mm	200 Nm	30 mm	30 mm	10	2036312
HSA-F M20x170 55/30/-	20 mm	M20	170 mm	22 mm	200 Nm	30 mm	30 mm	10	2036313

Standard stud anchor HSA-R2

Technical data

Material composition	Steel, A2 (SS 304)
Head configuration	Externally threaded
PROFIS	Yes



Base materials

- Concrete (uncracked)



Ordering designation	Drill bit diameter	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/-	8 mm	M8	70 mm	9 mm	15 Nm	13 mm	13 mm	100	2004218
HSA-R2 M10x83 20/10/-	10 mm	M10	83 mm	12 mm	25 Nm	17 mm	17 mm	50	2004219
HSA-R2 M12x100 20/5/-	12 mm	M12	100 mm	14 mm	50 Nm	19 mm	19 mm	25	2004220
HSA-R2 M12x115 35/20/-	12 mm	M12	115 mm	14 mm	50 Nm	19 mm	19 mm	25	2004221
HSA-R2 M16x137 40/25/-	16 mm	M16	137 mm	18 mm	80 Nm	24 mm	24 mm	16	2004222

Standard stud anchor HSA-R

Technical data	
Material composition	Steel, A4 (SS316)
Head configuration	Externally threaded
PROFIS	Yes



Base materials

- Concrete (uncracked)



Ordering designation	Drill bit diameter	Anchor size	Anchor length	Base plate clearance hole	Required tightening torque	Socket size	Wrench size	Sales pack quantity	Item number
HSA-R M6x50 5/-/-	6 mm	M6	50 mm	7 mm	5 Nm	10 mm	10 mm	200	2036314
HSA-R M6x65 20/10/-	6 mm	M6	65 mm	7 mm	5 Nm	10 mm	10 mm	200	2036315
HSA-R M8x55 5/-/-	8 mm	M8	55 mm	9 mm	15 Nm	13 mm	13 mm	100	2004197
HSA-R M8x70 20/10/-	8 mm	M8	70 mm	9 mm	15 Nm	13 mm	13 mm	100	2004198
HSA-R M10x83 20/10/-	10 mm	M10	83 mm	12 mm	25 Nm	17 mm	17 mm	50	2004202
HSA-R M10x98 35/25/-	10 mm	M10	98 mm	12 mm	25 Nm	17 mm	17 mm	40	2004203
HSA-R M10x113 50/40/10	10 mm	M10	113 mm	12 mm	25 Nm	17 mm	17 mm	40	2004204
HSA-R M12x85 5/-/-	12 mm	M12	85 mm	14 mm	50 Nm	19 mm	19 mm	25	2004207
HSA-R M12x100 20/5/-	12 mm	M12	100 mm	14 mm	50 Nm	19 mm	19 mm	25	2004208
HSA-R M12x115 35/20/-	12 mm	M12	115 mm	14 mm	50 Nm	19 mm	19 mm	25	2004209
HSA-R M12x145 65/50/15	12 mm	M12	145 mm	14 mm	50 Nm	19 mm	19 mm	25	2004210
HSA-R M16x102 5/-/-	16 mm	M16	102 mm	18 mm	80 Nm	24 mm	24 mm	16	2004214
HSA-R M16x117 20/5/-	16 mm	M16	117 mm	18 mm	80 Nm	24 mm	24 mm	16	2004215
HSA-R M16x137 40/25/-	16 mm	M16	137 mm	18 mm	80 Nm	24 mm	24 mm	16	2004216
HSA-R M16x182 85/70/30	16 mm	M16	182 mm	18 mm	80 Nm	24 mm	24 mm	16	2004217
HSA-R M20x125 10/-/-	20 mm	M20	125 mm	22 mm	200 Nm	30 mm	30 mm	10	2036317
HSA-R M20x170 55/30/-	20 mm	M20	170 mm	22 mm	200 Nm	30 mm	30 mm	10	2036318

Standard stud anchor HSV



Base materials

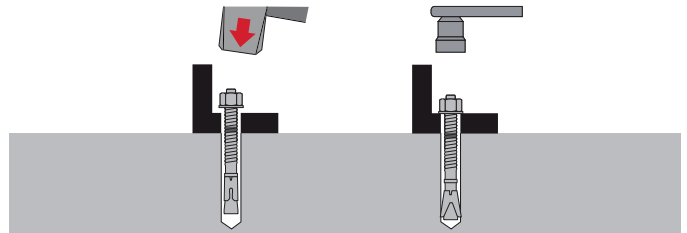
- Concrete (uncracked)

Applications

- Wide range of applications in uncracked concrete

Advantages

- Two embedment depths for a wide range of fastening thicknesses
- Setting mark for easy checking of correct installation depth
- Raised impact section prevents thread damage during installation
- Pre-assembled to save time



Technical data

Material composition	Steel, zinc-plated (min. 5 µm)
Head configuration	Externally threaded



Ordering designation	Drill bit diameter	Anchor size	Anchor length	Base plate clearance hole	Required tightening torque	Socket size	Wrench size	Sales pack quantity	Item number
HSV M8x75	8 mm	M8	75 mm	9 mm	15 Nm	13 mm	13 mm	100	2041604
HSV M10x90	10 mm	M10	90 mm	12 mm	30 Nm	17 mm	17 mm	50	2041605
HSV M12x100	12 mm	M12	100 mm	14 mm	50 Nm	19 mm	19 mm	30	2041607
HSV M12x150	12 mm	M12	150 mm	14 mm	50 Nm	19 mm	19 mm	25	2041610
HSV M16x120	16 mm	M16	120 mm	18 mm	100 Nm	24 mm	24 mm	16	2041611
HSV M16x140	16 mm	M16	140 mm	18 mm	100 Nm	24 mm	24 mm	16	2041612

Standard stud anchor HSV-F **NEW**

Base materials

- Concrete (uncracked)

Technical data

Material composition	Steel, hot-dip galvanized (min. 42µm)
Head configuration	Externally threaded



Ordering designation	Drill bit diameter	Anchor size	Anchor length	Base plate clearance hole	Required tightening torque	Socket size	Wrench size	Sales pack quantity	Item number
HSV-F M10x90	10 mm	M10	90 mm	12 mm	30 Nm	17 mm	17 mm	200	2120411
HSV-F M12x100	12 mm	M12	100 mm	14 mm	50 Nm	19 mm	19 mm	120	2120414
HSV-F M12x140	12 mm	M12	140 mm	14 mm	50 Nm	19 mm	19 mm	100	2120416
HSV-F M16x120	16 mm	M16	120 mm	18 mm	100 Nm	24 mm	24 mm	50	2120418
HSV-F M16x140	16 mm	M16	140 mm	18 mm	100 Nm	24 mm	24 mm	50	2120419

Drop-in anchor HKD



Base materials

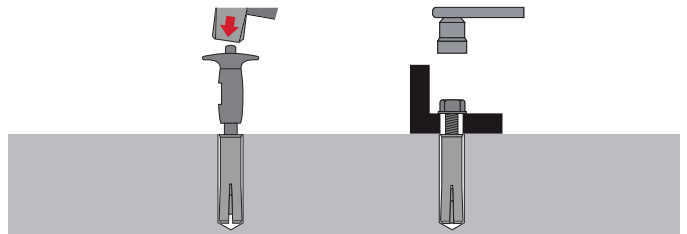
- Concrete (cracked)

Applications

- 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

Advantages

- Features a lip for flush setting, regardless of hole depth
- Shallow drilling depth available in M6, M8, M10 and M12 sizes
- Visual check for correct setting when used with the Hilti setting tool



Drop-in anchor HKD

Technical data

Head configuration	Inner thread
Material composition	Steel, zinc-plated (min. 5 µm)
PROFIS	Yes
Suitable for cracked concrete with redundant fastenings	Yes



Anchor Systems

Ordering designation	Drill bit diameter	Drilling depth	Internal thread size	Useable thread length	Max. tightening torque	Packaging	Anchor length	Sales pack quantity	Item number
HKD M6x25	8 mm	27 mm	6 mm	13 mm	3 Nm	Box	25 mm	100	376894
HKD M8x30	10 mm	33 mm	8 mm	15 mm	7 Nm	Box	30 mm	100	376959
HKD M10x30	12 mm	33 mm	10 mm	14 mm	15 Nm	Box	30 mm	100	376965
HKD M10x40	12 mm	44 mm	10 mm	19 mm	15 Nm	Box	40 mm	50	376967
HKD M12x50	15 mm	55 mm	12 mm	23 mm	30 Nm	Box	50 mm	50	378544
HKD M16x65	20 mm	70 mm	16 mm	32 mm	60 Nm	Box	65 mm	25	382941
HKD M20x80	25 mm	85 mm	20 mm	44 mm	120 Nm	Box	80 mm	25	382955

Drop-in anchor (imperial) HKD

Technical data

Head configuration	Inner thread
Material composition	Steel, zinc-plated (min. 5 µm)
PROFIS	Yes



Base materials

- Concrete (uncracked)

Ordering designation	Drill bit diameter	Drilling depth	Internal thread size	Useable thread length	Max. tightening torque	Packaging	Anchor length	Sales pack quantity	Item number
HKD 1/4"x25	8 mm	27 mm	6 mm	13 mm	3 Nm	Box	25 mm	100	382980
HKD 5/16"x30	10 mm	33 mm	8 mm	15 mm	7 Nm	Box	30 mm	100	383679
HKD 3/8"x30	12 mm	33 mm	10 mm	14 mm	15 Nm	Box	30 mm	100	383686
HKD 3/8"x40	12 mm	44 mm	10 mm	19 mm	15 Nm	Box	40 mm	100	383960
HKD 1/2"x50	16 mm	55 mm	13 mm	23 mm	30 Nm	Box	50 mm	50	384021
HKD 5/8"x65	20 mm	70 mm	16 mm	32 mm	60 Nm	Box	65 mm	25	384023

Drop-in anchor HKD-SR

Technical data

Head configuration	Inner thread
Material composition	Steel, A4 (SS316)
PROFIS	Yes
Suitable for cracked concrete with redundant fastenings	Yes



Base materials

- Concrete (cracked)



Ordering designation	Drill bit diameter	Drilling depth	Internal thread size	Useable thread length	Max. tightening torque	Packaging	Anchor length	Sales pack quantity	Item number
HKD-SR M6X25	8 mm	27 mm	6 mm	12 mm	4 Nm	Box	25 mm	100	247951
HKD-SR M8X30	10 mm	33 mm	8 mm	15 mm	8 Nm	Box	30 mm	100	247952
HKD-SR M10X40	12 mm	43 mm	10 mm	18 mm	15 Nm	Box	40 mm	50	247953
HKD-SR M12X50	15 mm	54 mm	12 mm	22 mm	35 Nm	Box	50 mm	50	247954
HKD-SR M16X65	20 mm	70 mm	16 mm	31 mm	60 Nm	Box	65 mm	25	247955
HKD-SR M20X80	25 mm	85 mm	20 mm	42 mm	120 Nm	Box	80 mm	25	247956

Drop-in anchor (imperial) HKV



Base materials

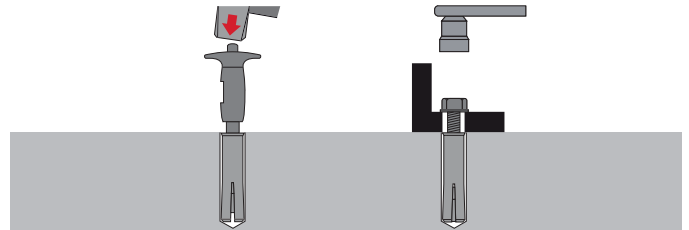
- Concrete (uncracked)

Applications

- For medium-duty loads with anchor bolts and threaded rods, e.g. suspension systems for pipes, air ducts and sprinkler systems etc.

Advantages

- No collar - can be set at greater depth
- No damage to the thread when tapping in and expanding
- “Intelligent” stepped expansion piece adapts to suit materials of different hardness



Technical data

Head configuration	Inner thread
Material composition	Steel, zinc-plated (min. 5 µm)

Ordering designation	Drill bit diameter	Drilling depth	Internal thread size	Screwing depth	Max. tightening torque	Packaging	Anchor length	Sales pack quantity	Item number
HKV 1/4"x25	8 mm	27 mm	6 mm	10 mm	4 Nm	Bag	25 mm	100	2127985
HKV 5/16"x30	10 mm	33 mm	8 mm	12 mm	8 Nm	Bag	30 mm	100	2127986
HKV 3/8"x30	12 mm	33 mm	10 mm	10.5 mm	15 Nm	Bag	30 mm	50	2127987
HKV 3/8"x40	12 mm	43 mm	10 mm	15.5 mm	15 Nm	Bag	40 mm	50	2127988
HKV 1/2"x50	16 mm	54 mm	13 mm	20 mm	35 Nm	Bag	50 mm	25	2127989

Sleeve anchor HLC



Base materials

- Concrete (uncracked)
- Masonry (solid)

Applications

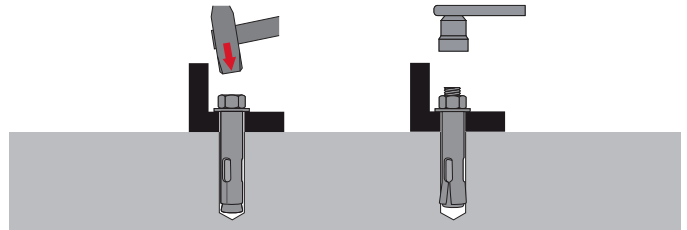
- Suitable for a large range of temporary applications, fastening small items etc.

Advantages

- Variety of lengths and sizes for a multitude of applications
- Pre-assembled anchor for fast, easy installation
- Suitable for various base materials thanks to the expansion principle
- Ideal for through-fastening applications
- The right drill bit diameter is printed on the sleeve - very practical
- Bulged sleeve middle section with diamond-shaped openings prevent the anchor spinning in the hole or dropping out when set overhead

Technical data

Material composition	Steel, zinc-plated (min. 5 µm)
Head configuration	Hex head



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

Sleeve anchor HLV



Base materials

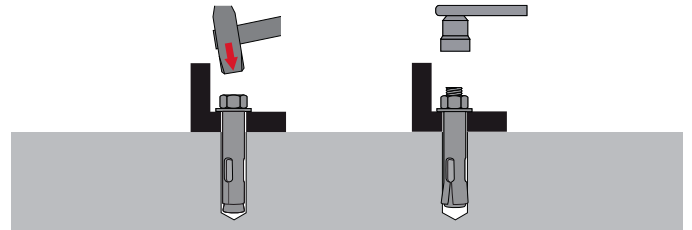
- Concrete (uncracked)
- Masonry (solid)

Applications

- Light and medium-duty fastenings in concrete
- Air conditioning and ventilation installations, telecoms, fastening electrical equipment, etc.
- Rails, rack systems, ladders, frames, formwork, fastening steel brackets/plates, etc.

Advantages

- Carbon steel grade 4.8, galvanised to min. 5 µm
- Easy installation
- Available in various sizes for maximized coverage of possible applications



Technical data

Material composition	Steel, zinc-plated (min. 5µm)
Head configuration	Hex head

Ordering designation	Anchor size	Drill bit diameter	Anchor length	Required tightening torque	Base plate clearance hole	Wrench/nut size	Wrench size	Sales pack quantity	Item number
HLV 8x35/4	6 mm	8 mm	51	4 Nm	7 mm	10 mm	10 mm	100	432962
HLV 10x45/10	8 mm	10 mm	68	25 Nm	9 mm	13 mm	13 mm	100	432964
HLV 12x48/10	10 mm	12 mm	76	40 Nm	11 mm	15 mm	15 mm	50	432966
HLV 16x68/20	12 mm	16 mm	109	50 Nm	14 mm	19 mm	19 mm	50	432969

Frame anchor HRD-C



Base materials

- Concrete (aerated)
- Concrete (cracked)
- Concrete (hollow deck)
- Concrete (uncracked)
- Masonry (hollow)
- Masonry (solid)

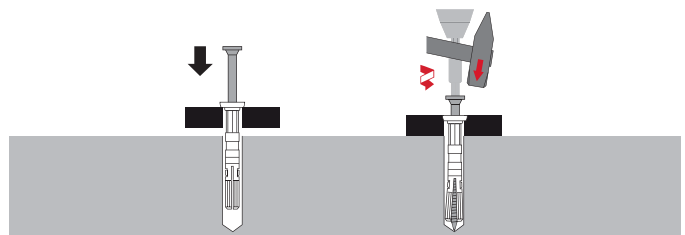


Advantages

- Pre-assembled for optimum handling and fastening quality installation

Technical data

Material composition	Steel, zinc-plated (min. 5 µm), Polyamide
Head configuration	Countersunk
Type of fixing	Through-fastening



Ordering designation	Anchor size	Drill bit diameter	Fastening thickness at embed.2	Base plate clearance hole	Sales pack quantity	Item number
HRD-C 10x60	10 mm	10 mm		11 mm	50	423859
HRD-C 10x80	10 mm	10 mm	10 mm	11 mm	50	423860
HRD-C 10x100	10 mm	10 mm	30 mm	11 mm	50	423861
HRD-C 10x120	10 mm	10 mm	50 mm	11 mm	50	423862

Impact anchor HPS-1



Base materials

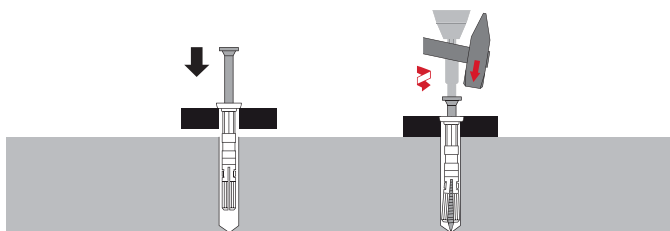
- Concrete (aerated)
- Concrete (uncracked)
- Masonry (hollow)
- Masonry (solid)

Applications

- Anchoring concrete, brick ties and masonry
- Fastening components for electrical and plumbing installations
- Fastening trim strips, battens and components for electrical and plumbing installations

Advantages

- For universal use on many materials, including perforated brick and block
- The hammer-driven screw can also be driven or unscrewed using a screwdriver
- Quick impact installation using a hammer



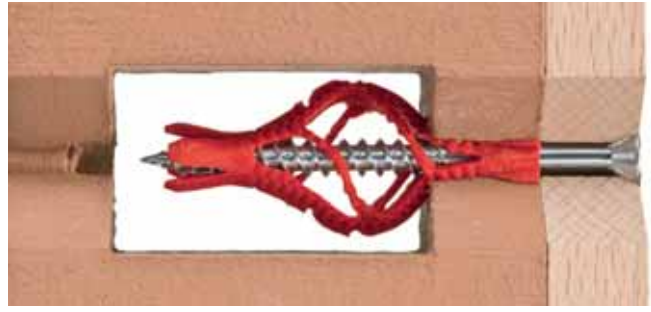
Technical data

Material composition	Body: polyamide, Screw: steel, zinc-plated (min. 5 µm)
Head configuration	Countersunk Phillips



Ordering designation	Drill bit diameter	Sales pack quantity	Item number
HPS-1 5/5X25	5 mm	200	260347
HPS-1 5/10X30	5 mm	200	230515
HPS-1 5/15X35	5 mm	200	260348
HPS-1 6/5X30	6 mm	150	260349
HPS-1 6/10X35	6 mm	150	260516
HPS-1 6/15X40	6 mm	150	260350
HPS-1 6/25X50	6 mm	100	260351
HPS-1 6/30X55	6 mm	100	230517
HPS-1 6/40X65	6 mm	100	260352
HPS-1 8/20X50	8 mm	50	230518
HPS-1 8/30X60	8 mm	50	260354
HPS-1 8/40X70	8 mm	50	230519
HPS-1 8/60X90	8 mm	50	260355
HPS-1 8/80X110	8 mm	50	260356

Universal plastic anchor HUD-1



Base materials

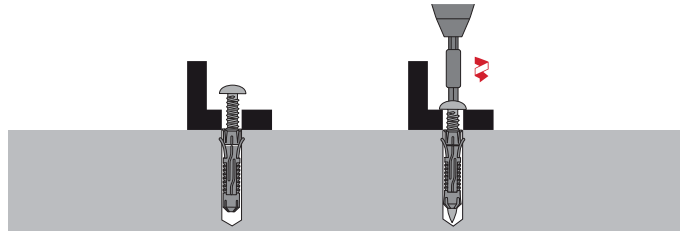
- Concrete (aerated)
- Concrete (uncracked)
- Drywall
- Masonry (hollow)
- Masonry (solid)

Applications

- Many kinds of light-duty fastenings, especially electrical installations, sanitary fixtures, etc.

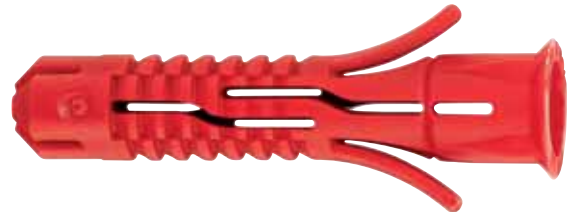
Advantages

- Base materials: concrete, solid brick, hollow brick, gas (aerated) concrete, gypsum panel
- High holding power
- Suitable for through-fastening with screw
- Resistance to turning in hole and premature expansion
- Reliable precise screw guidance, 360° expansion
- Meets safety specifications: contains no heavy metals, halogens or silicones



Technical data

Material composition	Polyamide PA 6
Head configuration	Countersunk Phillips, Countersunk Torx, Hex head, Round head, Flat head, Countersunk



Ordering designation	Drill bit diameter	Anchor length	Screw diameter	Sales pack quantity	Item number
HUD-1 5x25	5 mm	25 mm	3.5-4 mm	500	331615
HUD-1 6x30	6 mm	30 mm	4.5-5 mm	500	331616
HUD-1 8x40	8 mm	40 mm	5-6 mm	400	331617
HUD-1 10x50	10 mm	50 mm	7-8 mm	200	331618
HUD-1 12x60	12 mm	60 mm	8-10 mm	100	331619

Cavity anchor HHD-S



Base materials

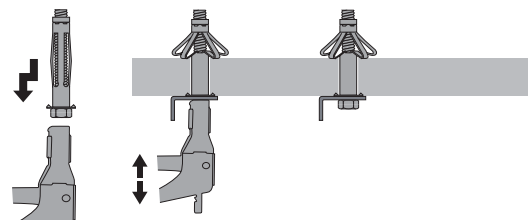
- Drywall
- Masonry (hollow)

Applications

- Securing support frames, timber frames for light stand-off cladding, facade panels

Advantages

- Pre-assembled screw
- Ergonomic setting tool for thread sizes M6
- Quick and trouble-free installation



Technical data

Material composition	Steel, zinc-plated
Head configuration	Round head
Additional product information	With pre-assembled screw



Ordering designation	Anchor size	Drill bit diameter	Anchor length	Sales pack quantity	Item number
HHD-S M6/9X38	6 mm	12 mm	38 mm	100	332069
HHD-S M6/12X52	6 mm	12 mm	52 mm	50	332070
HHD-S M6/24X65	6 mm	12 mm	65 mm	50	332071
HHD-S M6/40X80	6 mm	12 mm	80 mm	50	332072

Light-duty anchor Kwik Tog HLD



Base materials

- Concrete (uncracked)
- Drywall
- Masonry (hollow)

Applications

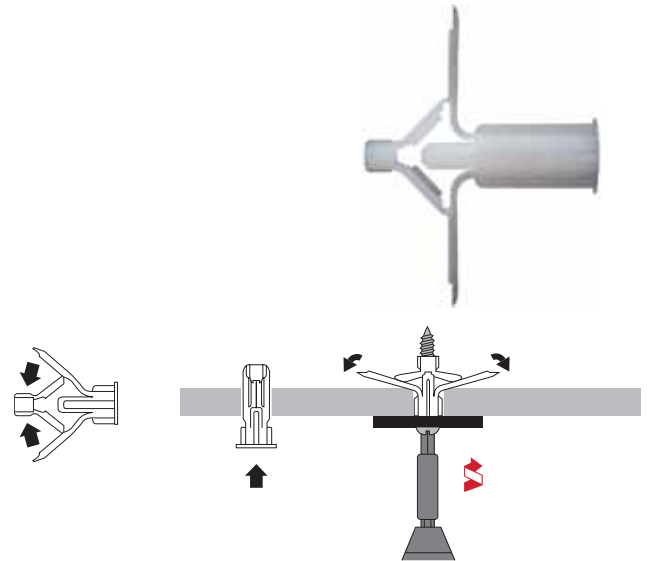
- For fastening on low-strength materials with cavities. For use with standard wood screws
- Anchoring in perforated brick or block, drywall, concrete

Advantages

- The wings spring out and adapt to all materials
- Allows flexibility when selecting screws
- Ribs on body help prevent anchor from spinning during installation

Technical data

Material composition	Polyamide PA 6
Head configuration	Flat head, Round head
Anchor size	10 mm



Ordering designation	Drill bit diameter	Drilling depth	Sales pack quantity	Item number
HLD 2	10 mm	50 mm	150	335506
HLD 3	10 mm	56 mm	100	335507
HLD 4	10 mm	66 mm	100	335508

Stop drill bit TE-C-HDA-B



SDS plus

Applications

- Special drill bit required for drilling HDA anchor holes with defined drilling depth



Technical data

Dispenser, setting tool, accessory, tester type	Stop drill bits
Insert connection end	TE-C (SDS-plus)

Ordering designation	Sales pack quantity	Item number
TE-C-HDA-B 20x100	1	332089
TE-C-HDA-B 20x120	1	332090
TE-C-HDA-B 22x125	1	402050
TE-C-HDA-B 22x155	1	402056
TE-C-HDA-B 22x175	1	402060

Stop drill bit TE-Y-HDA-B



SDS max

Applications

- Drilling HDA anchor holes to the defined depth

Advantages

- Achieves consistent drilled hole depth for proper installation of HDA undercut anchors



Technical data

Dispenser, setting tool, accessory, tester type	Stop drill bits
Insert connection end	TE-Y (SDS-max)

Ordering designation	Sales pack quantity	Item number
TE-Y-HDA-B 30x190	1	332097
TE-Y-HDA-B 30x230	1	332098
TE-Y-HDA-B 30x250	1	332099
TE-Y-HDA-B 37x250	1	339270
TE-Y-HDA-B 37x300	1	339271
TE-Y-HDA-B 37x350	1	339272

Anchor Systems

Setting tool TE-C-HDA-ST



SDS plus

Applications

- Setting tool required for the automatic self-undercutting operation with the HDA undercut anchor

Advantages

- Ensures fast, consistent and reliable setting of the HDA undercut anchor



Technical data

Dispenser, setting tool, accessory, tester type	Setting tools
Insert connection end	TE-C (SDS-plus)

Ordering designation	Sales pack quantity	Item number
TE-C-HDA-ST 20-M10	1	331843
TE-C-HDA-ST 22-M12	1	331844

Setting tool TE-Y-HDA-ST



SDS max

Applications

- Setting tool required for the automatic self-undercutting operation with the HDA undercut anchor

Advantages

- Ensures fast, consistent and reliable setting of the HDA undercut anchor



Technical data

Dispenser, setting tool, accessory, tester type	Setting tools
Insert connection end	TE-Y (SDS-max)

Ordering designation	Sales pack quantity	Item number
TE-Y-HDA ST 30-M16	1	331846
TE-Y-HDA-ST 37-M20	1	339269

Stop drill bit TE-C-HSC-B



SDS plus

Applications

- Special drill bit required for drilling HSC anchor holes with defined drilling depth



Technical data

Dispenser, setting tool, accessory, tester type	Stop drill bits
Insert connection end	TE-C (SDS-plus)

Ordering designation	Sales pack quantity	Item number
TE-C-HSC-B 14x40	1	31157
TE-C-HSC-B 14x50	1	31158
TE-C-HSC-B 16x40	1	28568
TE-C-HSC-B 18x50	1	30708
TE-C-HSC-B 18x60	1	30709
TE-C-HSC-B 20x60	1	30710

Setting tool TE-C-HSC-MW



SDS plus

Applications

- Setting tool required for the HSC safety anchor automatic self-undercutting operation



Technical data

Dispenser, setting tool, accessory, tester type	Setting tools
Insert connection end	TE-C (SDS-plus)

Ordering designation	Sales pack quantity	Item number
TE-C-HSC-MW14	1	31169
TE-C-HSC-MW16	1	11267
TE-C HSC-MW18	1	71352
TE-C-HSC-MW20	1	71353

Torque bar S-TB



Applications

- For setting HSA stud anchors with maximum accuracy and productivity

Advantages

- No more over or undertorquing of HSA stud anchors

Technical data

Base material	Concrete (uncracked)
Connection end size	12.7 mm
Drive connection	1/2 in square, female

Ordering designation	Sales pack quantity	Item number
S-TB HSA M8	1	423774
S-TB HSA M10	1	423775
S-TB HSA M12	1	423776
S-TB HSA M16	1	423777

Manual setting tool HSD-G



Applications

- Manual setting tool with hand guard for HKD and HKV drop-in anchor.

Technical data

Dispenser, setting tool, accessory, tester type	Setting tools
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Ordering designation	Sales pack quantity	Item number
HSD-G M6 1/4"X25	1	243738
HSD-G M8 5/16"X30	1	243740
HSD-G M10 3/8"X30	1	230935
HSD-G M10 3/8"X40	1	243742
HSD-G M12 1/2"X50	1	243743
HSD-G M16 5/8"X65	1	243744
HSD-G M20 3/4"X80	1	243745

Setting tool HKD-TE-CX



Applications

- Installation of the Hilti HKD drop-in anchor for fastening pipes, air ducts and suspended ceilings
- Installation of HKD anchors with embedment depth above 30 mm

Advantages

- Holes always drilled to the correct depth
- Drilling and setting in one tool
- Ergonomic working method

Technical data

Dispenser, setting tool, accessory, tester type	Setting tools, stop drill bits
Insert connection end	TE-C (SDS-plus)

Ordering designation	Diameter	Working length	Length	Suitable for anchor size	Sales pack quantity	Item number
HKD-TE-CX M8 5/16"x30	10 mm	33 mm	169 mm	M8 5/16"x30	1	2112619
HKD-TE-CX M10 3/8"x30	12 mm	33 mm	169 mm	M10 3/8"x30	1	2112751
HKD-TE-CX M10 3/8"x40	12 mm	44 mm	191 mm	M10 3/8"x40	1	2112752
HKD-TE-CX M12x50 ø15	15 mm	55 mm	238 mm	HKD M12x50	1	2112753
HKD-TE-CX M12 1/2"x50 ø16	16 mm	55 mm	238 mm	M12 1/2"x50	1	2112754

Setting tool HHD



Applications

- Setting tool for HHD-S cavity anchors

Technical data

Dispenser, setting tool, accessory, tester type	Setting tools
--	---------------

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

Anchor channel HAC-30



Base materials

- Concrete (cracked)
- Concrete (uncracked)

Applications

- Installation of building services in the basement backbone, risers and backbones for each level
- Floor or ceiling grid systems for applications with demanding requirements in terms of flexibility and dust or noise reduction e.g. semiconductor manufacturing or showrooms
- Main runs of pipes or ducts for heating, plumbing, ventilation and air conditioning

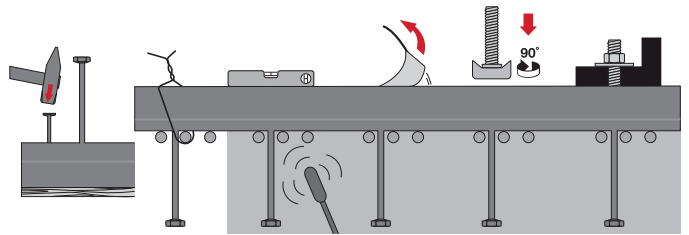
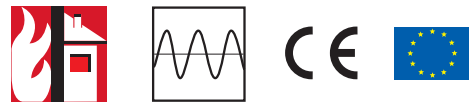
Advantages

- Serrated channel is compatible with Hilti MQ41 installation components
- Faster installation of building services than with traditional anchor fastening methods
- Dustless and noiseless fastening method

Technical data

Anchor type	Anchor channel
Material, corrosion	Steel, sherardized / hot-dip galvanized
Width	41 mm
Height	26 mm

Ordering designation	Length	Number of anchors	Anchor distance	Sales pack quantity	Item number
HAC-30 68/200 F	200 mm	2	150 mm	1	431889
HAC-30 68/250 F	250 mm	2	200 mm	1	431890
HAC-30 68/300 F	300 mm	2	250 mm	1	431891
HAC-30 68/550 F	550 mm	3	250 mm	1	431892



Anchor channel HAC-40



Base materials

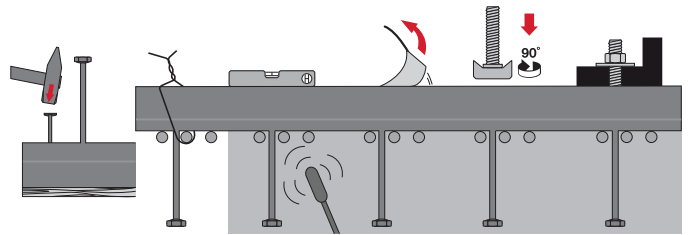
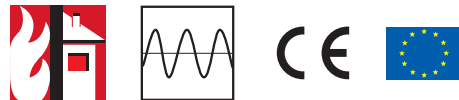
- Concrete (cracked)
- Concrete (uncracked)

Applications

- Fastening curtain wall brackets
- Fastening guide rails for elevators and counterweights
- Fastening sliding door mechanisms for elevators

Advantages

- Innovative V-shape provides high load resistance and close edge distances
- New type of protective, environmentally friendly foam insert (LDPE) and end caps seal the channel effectively, preventing concrete slurry from entering the channel
- Foam insert features tear-out strip for trouble-free removal (avoids damage to the channel through use of drill bits, hammers or gas torches)



Technical data

Anchor type	Anchor channel
Material, corrosion	Steel, sherardized / hot-dip galvanized
Width	41 mm
Height	28 mm

Ordering designation	Length	Number of anchors	Anchor distance	Sales pack quantity	Item number
HAC-40 91/200 F	200 mm	2	150 mm	1	431906
HAC-40 91/250 F	250 mm	2	200 mm	1	431907
HAC-40 91/300 F	300 mm	2	250 mm	1	431908
HAC-40 91/350 F	350 mm	3	150 mm	1	431909
HAC-40 91/450 F	450 mm	3	200 mm	1	431910
HAC-40 91/550 F	550 mm	3	250 mm	1	431911

Anchor channel HAC-50



Base materials

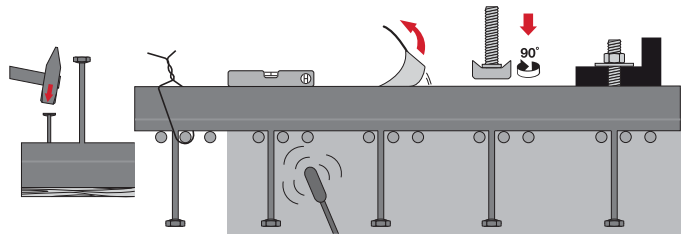
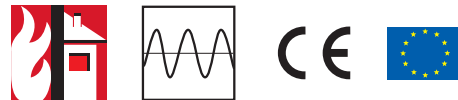
- Concrete (cracked)
- Concrete (uncracked)

Applications

- Fastening curtain wall brackets
- For the installation of guide rails and doors in elevator installation
- Fastening guide rails for elevators and counterweights

Advantages

- Innovative V-shape provides high load resistance and close edge distances
- New type of protective, environmentally friendly foam insert (LDPE) and end caps seal the channel effectively, preventing concrete slurry from entering the channel
- Foam insert features tear-out strip for trouble-free removal (avoids damage to the channel through use of drill bits, hammers or gas torches)



Technical data

Anchor type	Anchor channel
Material, corrosion	Steel, sherardized / hot-dip galvanized
Width	42 mm
Height	31 mm

Ordering designation	Length	Number of anchors	Anchor distance	Sales pack quantity	Item number
HAC-50 106/250 F	250 mm	2	200 mm	1	431836
HAC-50 106/300 F	300 mm	2	250 mm	1	431837
HAC-50 106/350 F	350 mm	3	150 mm	1	431838
HAC-50 106/450 F	450 mm	3	200 mm	1	431839
HAC-50 106/550 F	550 mm	3	250 mm	1	431840

Anchor channel HAC-60



Base materials

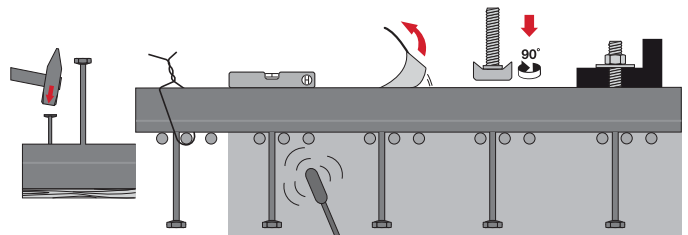
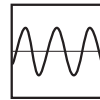
- Concrete (cracked)
- Concrete (uncracked)

Applications

- Fastening curtain wall brackets
- For the installation of guide rails and doors in elevator installation
- Fastening guide rails for elevators and counterweights

Advantages

- Innovative V-shape provides high load resistance and close edge distances
- New type of protective, environmentally friendly foam insert (LDPE) and end caps seal the channel effectively, preventing concrete slurry from entering the channel
- Foam insert features tear-out strip for trouble-free removal (avoids damage to the channel through use of drill bits, hammers or gas torches)



Technical data

Anchor type	Anchor channel
Material, corrosion	Steel, sherardized / hot-dip galvanized
Width	43 mm
Height	36 mm

Ordering designation	Length	Number of anchors	Anchor distance	Sales pack quantity	Item number
HAC-60 148/300 F	300 mm	2	250 mm	1	431850
HAC-60 148/350 F	350 mm	3	150 mm	1	431851
HAC-60 148/450 F	450 mm	3	200 mm	1	431852
HAC-60 148/550 F	550 mm	3	250 mm	1	431853

Anchor channel HAC-70



Base materials

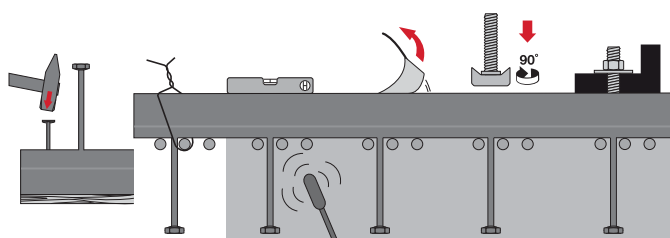
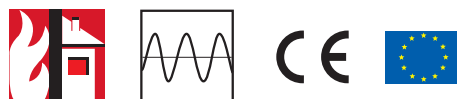
- Concrete (cracked)
- Concrete (uncracked)

Applications

- Fastening curtain wall brackets
- Fastening guide rails for elevators and counterweights
- Fastening sliding door mechanisms for elevators

Advantages

- Innovative V-shape provides high load resistance and close edge distances
- New type of protective, environmentally friendly foam insert (LDPE) and end caps seal the channel effectively, preventing concrete slurry from entering the channel
- Foam insert features tear-out strip for trouble-free removal (avoids damage to the channel through use of drill bits, hammers or gas torches)



Technical data

Anchor type	Anchor channel
Material, corrosion	Steel, sherardized / hot-dip galvanized
Width	45 mm
Height	40 mm

Ordering designation	Length	Number of anchors	Anchor distance	Sales pack quantity	Item number
HAC-70 175/300 F	300 mm	2	250 mm	1	431860
HAC-70 175/350 F	350 mm	3	150 mm	1	431861
HAC-70 175/450 F	450 mm	3	200 mm	1	431862
HAC-70 175/550 F	550 mm	3	250 mm	1	431863

T-head bolt (galvanized) HBC-B

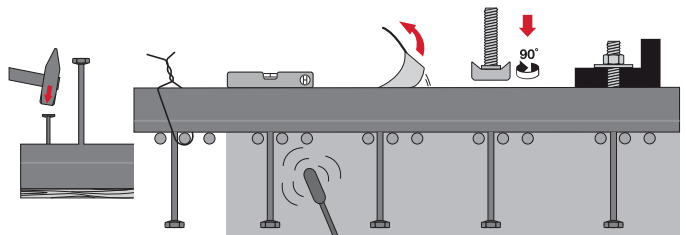
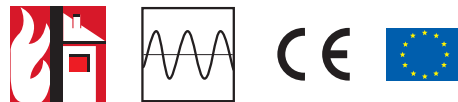


Applications

- For use with HAC-30 anchor channels

Advantages

- Dustless, low-noise fastening method
- European approval in accordance with the latest technical specifications



Technical data

Anchor type	T-head bolt
Material, corrosion	Steel, zinc-plated

Ordering designation	Sales pack quantity	Item number
HBC-B M10x40 4.6G	100	433527
HBC-B M10x60 4.6G	100	433528

T-head bolt (hot-dip galvanized) HBC-B

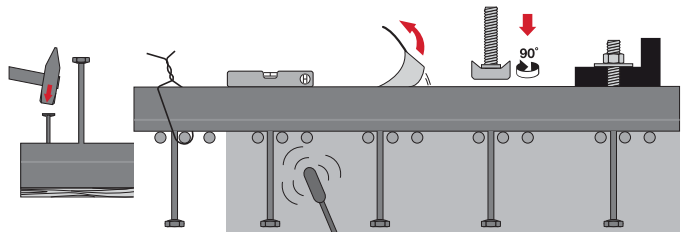
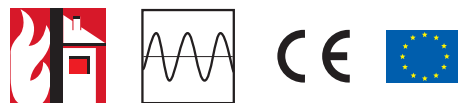


Applications

- For use with HAC-30 anchor channels

Advantages

- Dustless, low-noise fastening method
- European approval in accordance with the latest technical specifications

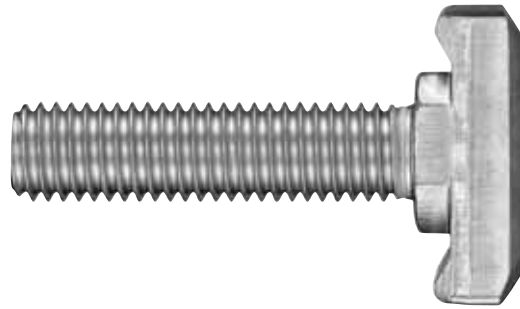


Technical data

Anchor type	T-head bolt
Material, corrosion	Steel, sherardized / hot-dip galvanized

Ordering designation	Sales pack quantity	Item number
HBC-B M12x40 4.6F	100	433534
HBC-B M12x60 4.6F	100	433535

T-head bolt (galvanized) HBC-C



Applications

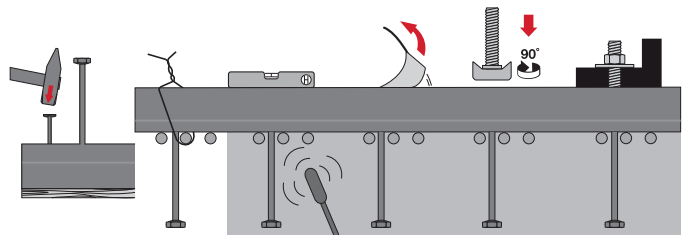
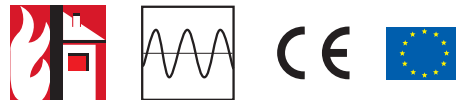
- For use with HAC-40 to HAC-70 anchor channels

Advantages

- Dustless and noiseless fastening method
- Simplification of the range available. Only one universal bolt type needed to cover HAC-40 to HAC-70 anchor channels
- European approval according to latest technical specifications

Technical data

Anchor type	T-head bolt
Material, corrosion	Steel, zinc-plated



Ordering designation	Sales pack quantity	Item number
HBC-C M10x40 4.6G	100	434354
HBC-C M10x50 4.6G	100	434355

T-head bolt (hot-dip galvanized) HBC-C



Applications

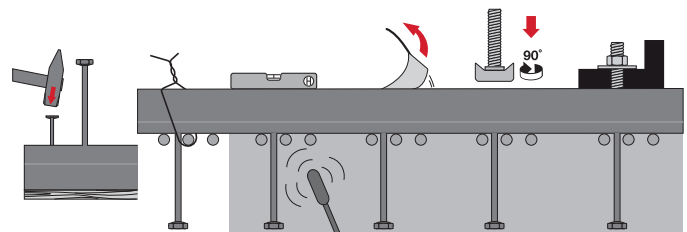
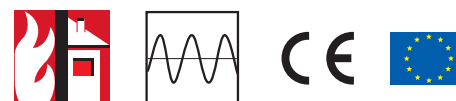
- For use with HAC-40 to HAC-70 anchor channels

Advantages

- Dustless and noiseless fastening method
- Simplification of the range available. Only one universal bolt type needed to cover HAC-40 to HAC-70 anchor channels
- European approval according to latest technical specifications

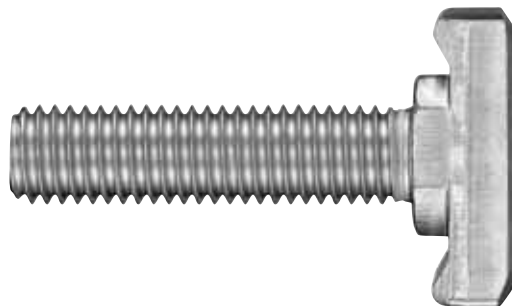
Technical data

Anchor type	T-head bolt
Material, corrosion	Steel, sherardized / hot-dip galvanized



Ordering designation	Sales pack quantity	Item number
HBC-C M12x40 8.8F	100	434401
HBC-C M12x50 8.8F	100	434402
HBC-C M12x60 8.8F	100	434403
HBC-C M16x50 8.8F	100	434404
HBC-C M16x60 8.8F	100	434405
HBC-C M16x80 8.8F	50	434406
HBC-C M20x60 8.8F	50	434408
HBC-C M20x80 8.8F	50	2019735
HBC-C M20x100 8.8F	50	434409

T-head bolt (stainless steel) HBC-C

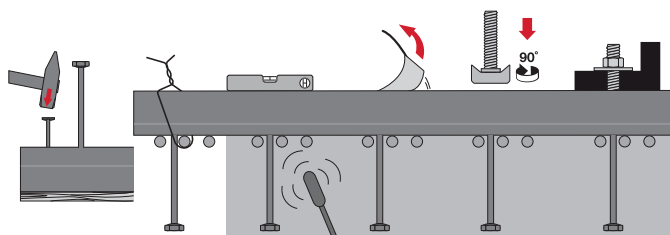
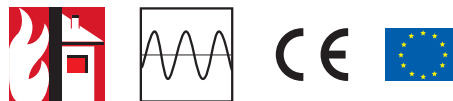


Applications

- For use with HAC-40 to HAC-70 anchor channels

Advantages

- Simplification of the range available. Only one universal bolt type needed to cover HAC-40 to HAC-70 anchor channels
- European approval according to latest technical specifications
- Dustless and noiseless fastening method



Technical data

Anchor type	T-head bolt
Material, corrosion	Steel, stainless

Ordering designation	Sales pack quantity	Item number
HBC-C M10x40 50R	25	433460
HBC-C M10x50 50R	25	433461
HBC-C M12x40 50R	25	433463
HBC-C M12x50 50R	25	433465
HBC-C M12x80 50R	25	433466
HBC-C M16x50 50R	50	433471
HBC-C M16x60 50R	50	433472
HBC-C M16x80 50R	25	433474

T-head bolt (hot-dip galvanized) HBC-C-N

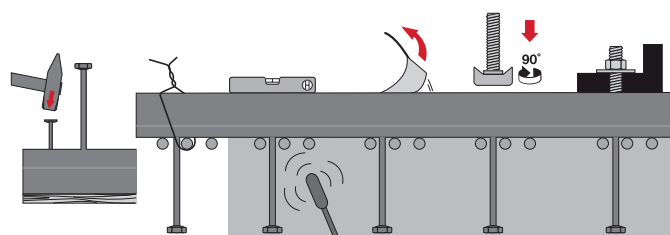


Applications

- For use with HAC-40 to HAC-70 anchor channels

Advantages

- Simplification of the available range. Only one universal bolt type needed to cover HAC-40 to HAC-70 anchor channel
- Toothed bolts for reliable load transfer in a longitudinal direction
- Dustless, low-noise fastening method



Technical data

Anchor type	T-head bolt
Material, corrosion	Steel, sherardized / hot-dip galvanized

Ordering designation	Sales pack quantity	Item number
HBC-C-N M16x50 8.8F	100	433478
HBC-C-N M16x60 8.8F	100	2019736
HBC-C-N M16x80 8.8F	50	433479
HBC-C-N M20x60 8.8F	50	434345
HBC-C-N M20x80 8.8F	50	2019739
HBC-C-N M20x100 8.8F	50	434346

Firestop and Fire Protection Systems

Leading-edge Technology. Outstanding Service.





Firestop sealants and sprays

Elastomeric silicon sealant CP 601S	Page 158
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Firestop sealant CP 611A	Page 160
Intumescent firestop sealant FS-One MAX	Page 161
Firestop joint spray CFS-SP WB	Page 162



Firestop coating system and mortar

Firestop mortar CP 636	Page 163
Firestop coating CP 670	Page 164



Firestop wrap and foam

Firestop wrap stirp CP 648-E	Page 165
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Construction chemicals filling foam

Filling form CF-F	Page 167
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Accessories

Accessories for firestop sealants and firestop foams	Page 168
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Elastomeric silicone sealant CP 601S



Applications

- Expansion or stretched-connection joints in fire compartment walls and floors
- Non-insulated pipes in penetrations through fire compartment walls and floors
- Acoustic insulation of pipes

Advantages

- Weather and UV-resistant
- Excellent movement capability
- Smoke, gas and water-resistant



British Standard
BS 476-20

Technical data	
Chemical basis	Neutral elastic silicone
Base materials	Masonry, Metal, Concrete, Glass
Tested in accordance with	UL 2079, ASTM E814, ASTM E1966, CAN/ULC-S115, UL 1479, ASTM E84
Movement¹⁾	± 25% (ISO 11600)
LEED VOC	3 g/l
Can be painted	No
Approx. curing time²⁾	2 mm/3 days
Intumescent	No
Application temperature range	5 - 40 °C
Storage and transportation temperature range	5 - 25 °C
Temperature resistance range	-40 - 160 °C
Colour	White / Grey

¹⁾ according to HTC 1250

²⁾ at 75°F/24°C, 50% relative humidity



Ordering designation	Volume per unit	Packaging	Sales pack quantity	Item number
CP 601S 310ML grey	310 ml	Cartridge	1	310635
CP 601S 310ML white	310 ml	Cartridge	1	310633

Flexible firestop sealant CP 606



Applications

- Sealing rigid or low-movement ceiling/wall joints, widths from 6 to 30 mm
- Sealing cable tray penetrations
- Sealing metal pipe penetrations
- For use in various base materials such as masonry, concrete, drywall and metal

Advantages

- Paintable
- Good adherence without primer
- Easy clean up with water
- Smoke, fume and water resistant
- Tested for 500 cycles with up to 33% movement in accordance with UL 2079 and ASTM E1966
- Meets LEED™ requirements for indoor environmental quality credit 4.1 Low Emitting Materials, Sealants and Adhesives and 4.2 Paints and Coatings

Technical data

Chemical basis	Water-based acrylic dispersion
Base materials	Concrete, Masonry, Drywall, Steel
Tested in accordance with	UL 2079, ASTM E814, ASTM E1966, UL 1479, CAN/ULC-S115
Movement¹⁾	±12.5% (ISO 11600)
LEED VOC	75 g/l
Can be painted	Yes
Approx. curing time²⁾	3 mm/3 days
Intumescent	No
Application temperature range	5 - 40 °C
Storage and transportation temperature range	5 - 25 °C
Temperature resistance range	-30 - 80 °C
Colour	White / Grey

¹⁾ according to HTC 1250

²⁾ at 75°F/24°C, 50% relative humidity



British Standard
BS 476-20



Ordering designation	Volume per unit	Packaging	Sales pack quantity	Item number
CP 606 310ml INT grey	310 ml	Cartridge	1	209630
CP 606 310ml white	310 ml	Cartridge	1	209625

Firestop sealant CP 611A



Applications

- Single cables and cable bundles
- Plastic pipes ≤50 mm (2") without additional collar
- Small openings

Advantages

- Paintable
- Fast, easy application and cleaning up
- Particularly suitable for laying new cables
- Silicone-free



British Standard
BS 476-20

Technical data

Chemical basis	Water-based acrylic dispersion
Base materials	Concrete, Brick, Masonry, Metal, Gypsum
Tested in accordance with	UL 1479, EN 1364-4
Movement¹⁾	No
LEED VOC	56 g/l
Can be painted	Yes
Approx. curing time²⁾	3 mm/3 days
Intumescent	Yes
Application temperature range	5 - 40 °C
Storage and transportation temperature range	5 - 25 °C
Colour	Anthracite

¹⁾ according to HTC 1250

²⁾ at 75°F/24°C, 50% relative humidity



Ordering designation	Volume per unit	Packaging	Sales pack quantity	Item number
CP 611A INT	310 ml	Cartridge	1	220351

High performance intumescent firestop sealant FS-ONE MAX



Applications

- Effectively seals most common through penetrations in a variety of base materials
- Mix and multiple penetrations
- Metal pipe penetrations
- Insulated metal pipe penetrations
- Plastic pipe penetrations
- Cable bundles and trays
- HVAC penetrations

Advantages

- One product for a variety of common through penetrations
- Cost-effective and easy-to-use solution
- Water base and paintable
- W-rated systems available
- Ethylene glycol-free
- Industry leading VOC results
- Convenient multi application firestop solution for penetrations

Technical data

Chemical basis	Water-based acrylic dispersion
Base materials	Concrete, Masonry, Drywall
Test in accordance with	ASTM G21 ASTM E 90 CAN/ULC-S115 UL 1479 ASTM E 814 ASTM E84
Approx. cure time¹⁾	4 mm / 3 days
Application temperature range	41°F to 104°F
Temperature resistance range	-4°F to 212°F
Storage and transportation range	41°F to 77°F
Shelf life²⁾	12 Months
Colour	Red
Mold and mildew performance	Class 0 (ASTM G21-13)
Mold and mildew resistant	Yes
Surface burning characteristics (ASTM E 84-14)	Flame Spread: 0 Smoke Development: 10

¹⁾ At 75°F (24°C) and 50% relative humidity
²⁾ from date of manufacture



Firestop Systems and Construction Chemicals

Ordering designation	Volume per unit	Packaging	Sales pack quantity	Item number
FS-ONE MAX 5 Gal Pail	19000 ml	Pail	1	2101536

Firestop joint spray CFS-SP WB



Applications

- Sealing openings between the tops of walls and concrete metal floor decks or ceilings
- Sealing building perimeter gaps between floor slabs and exterior curtain wall facades

Advantages

- Water-based, low VOC, contains no halogens
- High degree of elasticity - movement capability of up to 50%
- Excellent sprayability and low slump characteristics
- Fast, efficient sealing of wide, difficult-to-access joints
- Quick and easy installation with airless sprayer can help save time and money
- Both sprayable and brushable



British Standard
BS 476-20

Technical data

Chemical basis	Water-based acrylic dispersion
Base materials	Concrete, Masonry, Gypsum, Steel, Aluminium, Glass
Tested in accordance with	UL 2079, UL 1479, ASTM E84, ASTM E2307, ASTM C1241, ASTM G21, ASTM E90, ASTM E1966, CAN/ULC-S102, CAN/ULC-S115, ASTM E814, EN 1364-4, EN 1366-4
Movement¹⁾	Up to 50 %
LEED VOC	34 g/L
Can be painted	Yes
Approx. curing time²⁾	3 mm/day
Intumescent	No
Application temperature range	4 - 40 °C
Smoke resistance	Yes
Storage and transportation temperature range	4 - 25 °C
Colour	Red

¹⁾ according to HTC 1250

²⁾ at 75°F/24°C, 50% relative humidity



Ordering designation	Volume per unit	Packaging	Sales pack quantity	Item number
CFS-SP WB red	19000 ml	Pail	1	430815

Firestop mortar CP 636



Applications

- Permanent firestopping of cables, cable trays, and non-combustible pipes in medium to large wall and floor openings
- Single, multiple and mixed penetrations
- Medium to large multiple penetrations in concrete and masonry in combination with other products

Advantages

- Excellent application characteristics
- Easy to install with trowel or commercially available pumps thanks to adjustable consistency
- High yield Stiff (forms not always required)
- Contains no asbestos, phenol or halogen constituents
- Good adhesion to steel, concrete, and masonry



British Standard
BS 476-20

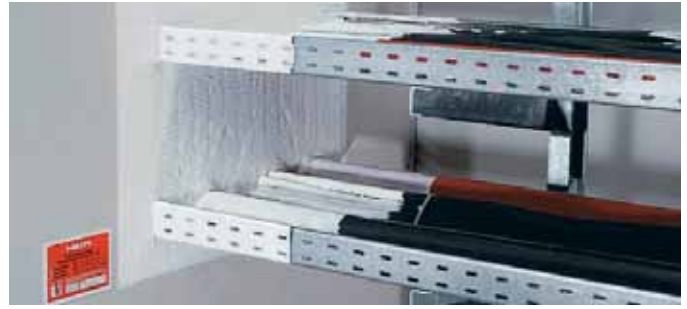
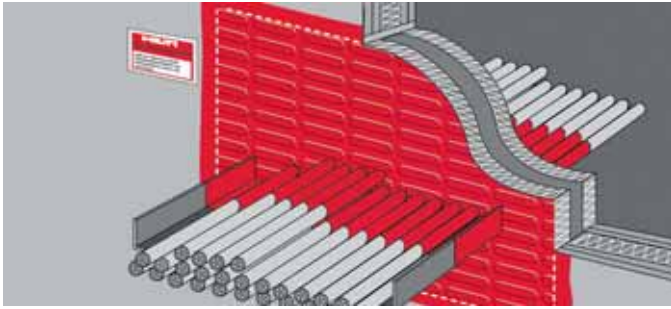
Technical data

Base materials	Concrete, Masonry
Approx. mix ratio	2.5:1 (mortar to water by weight)
Intumescent	No
Max. compressive strength after 28 days	2.9 N/mm ²
Re-penetration	Possible
Application temperature range	5 - 80 °C
Reusable (and removable)	Not possible
Setting time (approx.)	10 h
Fire rating	See Approvals
Working time (approx.)	45 min
Temperature resistance range	-10 - 80 °C
Colour	Grey



Ordering designation	Sales pack quantity	Item number
CP 636 20KG	1	334897

Firestop coating CP 670



Applications

- Permanent firestopping of blank openings, cables, cable trays, non-combustible and combustible pipes in medium to large wall and floor openings
- Ideal for large openings

Advantages

- Solvent- and silicone-free
- Fully functional immediately after installation
- Smoke tight



British Standard
BS 476-20

Technical data

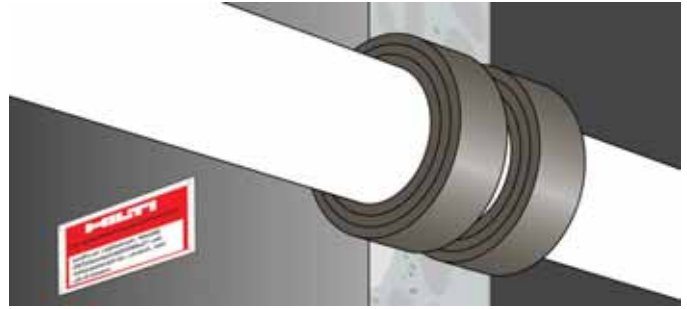
Base materials	Drywall, Concrete, Masonry
Intumescent	No
Re-penetration	Possible
Application temperature range	5 - 40 °C
Reusable (and removable)	Not possible
Fire rating	See Approvals
Temperature resistance range	-40 - 100 °C
Storage and transportation temperature range	5 - 30 °C
Acoustic insulation	Yes
Approvals	BS 476-20, ETA
Approx. curing time¹⁾	1 mm/day
Colour	White

¹⁾ at 75°F/24°C, 50% relative humidity



Ordering designation	Volume per unit	Packaging	Sales pack quantity	Item number
CP 670 6kg	4000 ml	Pail	1	376023

Firestop wrap strip CP 648-E



Applications

- Combustible pipe penetrations

Advantages

- Quick and easy closure without need for tools
- Easy to cut
- Fast installation
- Maximum flexibility



British Standard
BS 476-20

Technical data

Base materials	Concrete, Drywall, Masonry
Expansion temperature (approx.)	210 °C
Intumescent	Yes
Storage and transportation temperature range	-5 - 50 °C
Application temperature range	-5 - 50 °C
Temperature resistance range	-20 - 100 °C
LEED VOC	3.1 g/l
Complementary products	CP 606, CFS-S ACR, CP 620, CP 636, CP 633 M10
Acoustic insulation	Yes
Can be painted	No
Colour	Grey, printed foil



Ordering designation	Sales pack quantity	Item number
CP 648-E 1,75" x 33'	1	304309

Firestop foam CP 620



Applications

- Concrete, drywall and masonry
- Multiple and mixed penetrations
- Single cables, cable bundles and cable trays
- Metal pipes

Advantages

- Innovative firestopping solution for complex applications and in difficult-to-reach locations
- Virtually impervious to smoke
- Excellent water and vapour resistance
- Bacteria resistant
- Easy to use in openings where access is poor

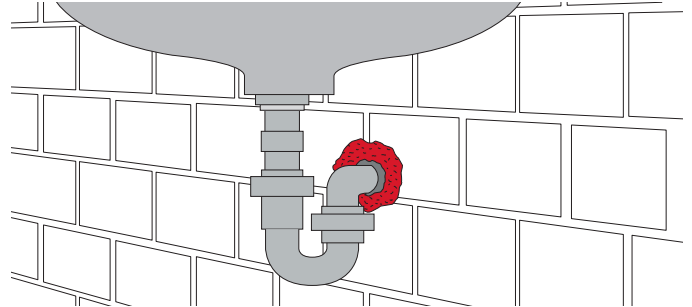
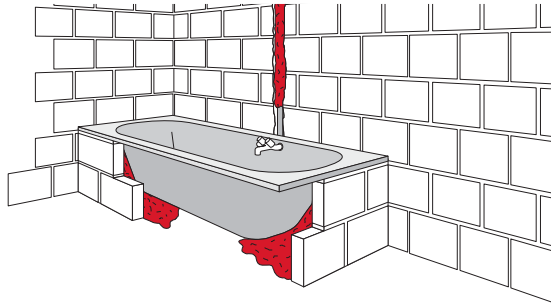


Technical data	
Approvals	P-3659/3470-MPA BS,Z-19.15-1353
Foam yield (up to)	1.9 l
Intumescent	Yes
Tested in accordance with	UL 1479, CAN/ULC-S102
Approx. tack-free time (at 23°C / 50% rel. humidity)	35 s
Approx. cut time (at 23°C / 50% rel. humidity)	2 min
Fire rating	See Approvals
LEED VOC	1.3 g/l
Storage and transportation temperature range	5 - 25 °C
Temperature resistance range	-30 - 100 °C
Application temperature range	0 - 40 °C
Colour	Red



Ordering designation	Volume per unit	Packaging	quantity	Item number
CP 620	300 ml	Cartridge	1	2025083

Filling foam CF-F



Applications

- Gaps and cracks
- Drywall voids
- Gaps or cavities for electrical fittings
- Backfilling for sealants
- Holes left by concrete forms
- Filling gaps

Advantages

- Easy to use - finger dispensing
- High adhesive strength
- Stops air infiltration

Technical data

Approx. density	25 kg/m ³
Foam yield (up to)	34 l
Approx. cut time (at 23°C / 50% rel. humidity)	30 min
Min. time before loadbearing	Approx. 3-5 h
Application temperature range	5 - 30 °C
Temperature resistance range	-40 - 80 °C
Content per can/cartridge	750 ml
Colour	Manila
Storage and transportation temperature range	5 - 25 °C
Approx. tensile strength	0.06 N/mm ²
Approvals	Emission class for building material



Ordering designation	Volume per unit	Packaging	Sales pack quantity	Item number
CF-F 750	750 ml	Can	1	369811

Accessories for Foams

Ordering designation		CF-F	Sales pack quantity	Item number
Cleaner CFR1 500ML		■	1	55019

Accessories for firestop sealants and firestop foams

Ordering designation		CP 601S	CP 606	CP 611A	FS-ONE	CP 620	Sales pack quantity	Item number
Dispenser CFS-DISP		■	■	■	■		1	2005843
Dispenser DSC box						■	1	338720
Extension tube CP 620-EXT						■	12	338716
Mixer CP 620-M						■	12	338718



Services

Leading-edge Technology. Outstanding Service.

HILTI SUPPORT SERVICES



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Logos & Icons	Page 180-181
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HILTI LIFETIME SERVICES

Added value services for a product lifetime



Hilti tools are built to last. But even if a defect occurs, Hilti will take care of it quickly and professionally, completely free of charge for up to 2 years from the date of purchase. After that we put a limit on what a repair can cost – for as long as you keep on using your Hilti tool.

We even give you a lifetime manufacturer's warranty against manufacturing defects. That's not just reassuring to know, it's unique in the power tools business.

HILTI	up to 2 Years
LIFETIME SERVICE	NO COSTS
Lifetime	Lifetime
REPAIR COST LIMIT	MANUFACTURER'S WARRANTY

HILTI	up to 2 Years
LIFETIME SERVICE	NO COSTS
Lifetime	Lifetime
REPAIR COST LIMIT	MANUFACTURER'S WARRANTY

No repair costs whatsoever for up to 2 years from date of purchase!

This includes:

- Pick-up – just give us a call!
- Faulty parts and parts subject to wear and tear
- Servicing when indicated by the service indicator on the tool
- Functional check, adjustment and safety check

HILTI	up to 2 Years
LIFETIME SERVICE	NO COSTS
Lifetime	Lifetime
REPAIR COST LIMIT	MANUFACTURER'S WARRANTY

After this, Hilti sets a repair cost limit – for the entire life of the tool!

- After reaching the end of no cost period, you pay a maximum of 30% of the corresponding new tool's list price in the event of a repair
- Should the cost of the repair remain below this limit, of course, you pay only the actual cost of the repair - over the entire life of your Hilti tool.

HILTI	up to 2 Years
LIFETIME SERVICE	NO COSTS
Lifetime	Lifetime
REPAIR COST LIMIT	MANUFACTURER'S WARRANTY

Hilti repairs or replaces, free of charge and over the entire life of the tool, all tools that suffer defects as a result of:

- Faulty materials
- Manufacturing faults

HILTI LOGISTICS SERVICES

Quick and reliable delivery for your convenience



You order it – we deliver it using the latest technology.
All standard orders are delivered next day or on the day of your choice.

Logistics Support

Hilti logistics support ensures that you receive the right product, at the right place, at the right time. Our logistics co-ordinators plan the delivery and organise the distribution centrally. Therefore you do not have to worry about getting your products delivered, you can focus on getting the job done.

Quick and Special Delivery

If you require a same day delivery or want us to deliver at a given time to a specific job site, just call our Customer Services Advisors for more details at 1800 880 985.

HILTI REPAIR SERVICES

We check, adjust, advise and fix



Outstanding service and quality

- Trained Hilti technicians
- State of the art repair facilities for a seamless repair process
- Functional checks, adjustments and safety checks
- Old tool trade-in and recycling according to WEEE standards

Industry leading speed

- Eliminate repair quotes through upfront advice and repair cost limit

Calibration included

- Calibration of your measuring tools free of charge under Hilti Lifetime Service
- Regular checks ensure your measuring tools continue to operate reliably and in accordance with applicable standards and statutory requirements
- Calibration certificate issued to confirm the tool meets specifications
- Sticker to record date of last calibration



HILTI ENGINEERING SERVICES

We can make your project a success



Project tendering, planning and support

Our experienced technical staff gives you support that ensures things are done right the first time. We can help with bidding, norm and non-norm specification and provide individualized catalogs. Plans, materials lists, calculations and drawings for larger projects are part of the package. Hilti project managers assist by coordinating logistics services and technical support for defined projects.

On-site technical consulting

Our engineers and technicians provide on-site support at any location. They offer a consulting service for architects, planners, engineers and construction professionals on specific application needs. Training and certification are also part of the service.

Product customization

We offer pre-assembly of parts and make product kits or packages and customized items available to help increase the efficiency of your projects.

Technical software and documents

Our innovative and practical software solutions are available to support you in your daily work and cover everything from anchor design and selection to installation concepts. Technical documents such as approvals, test certificates and technical data sheets can be viewed and downloaded from Hilti Online – www.hilti.com.my.

HILTI TRAINING SERVICES

We conduct training for everyone in construction



Training

To ensure you profit from Hilti's vast experience, we organise training on any current topic concerning Hilti products and services. These events are organised throughout the country. For details ask Customer Services or your local Hilti Account Manager.

What we offer and how you benefit

- Training duration from 2 hours up to 2 days
- Technical and practical know-how
- Increased safety and productivity in your work and projects
- Certification

Specific courses

- HIT rebar training
- Firestop seminars
- Trade specific competence training
- Health and Safety

Health and Safety Training

We provide solutions that take all significant aspects to health and safety, as well as productivity and energy efficiency on the jobsite, into account including vibration, dust, noise and working at height. With the in-depth understanding of applications gained directly on construction sites and the technical product expertise, our people are in a position to provide tailor-made training and advice in all matters relating to health and safety in the relevant field.

HILTI CENTER SERVICES

We're nearby



We understand your needs and the importance of getting your job done as fast and safely as possible.

At the Hilti Centres nationwide, we are now providing you with professional up-front advice, tool maintenance and service to prevent you from wasting time waiting for unnecessary repairs.

Our industry-unique service offerings at the Hilti Centres provide you with the best possible solutions that:

- Reduce your downtime
- Increase your productivity
- Ensure you get the most out of your money

By professionally consulting you at the point of sale - no matter if it is application advice, explaining our latest Health and Safety technologies or carrying out tool maintenance straight away - we make sure you are back on-site as quickly as possible.

Locate the nearest Hilti Center at page 178.

HILTI CENTERS

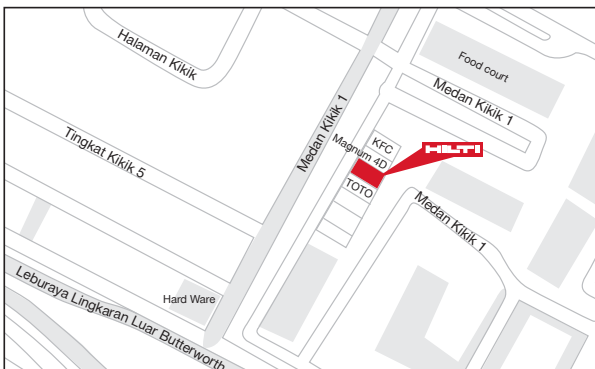
At your convenience from
8.00am to 5.00pm



Petaling Jaya Hilti Center
21, Jalan PJS 11/14, Bandar Sunway
46150 Petaling Jaya, Selangor, Malaysia
Toll Free : 1-800-88-0985



George Town Hilti Center
19, Ground Floor, Lebuhraya Sungai Pinang 5
11600 George Town, Penang, Malaysia
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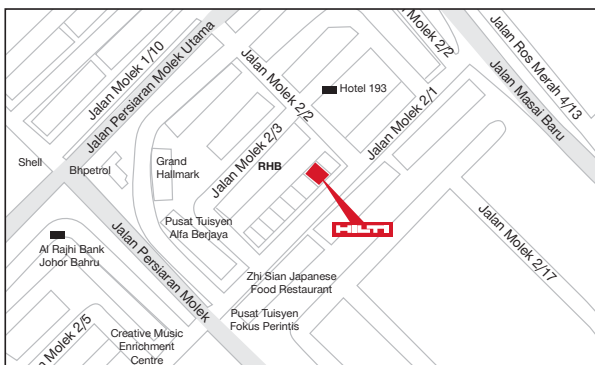
Perai Hilti Center
147-GF, Ground Floor, Medan Kikik 1
Taman Inderawasih, 13600 Perai
Penang, Malaysia
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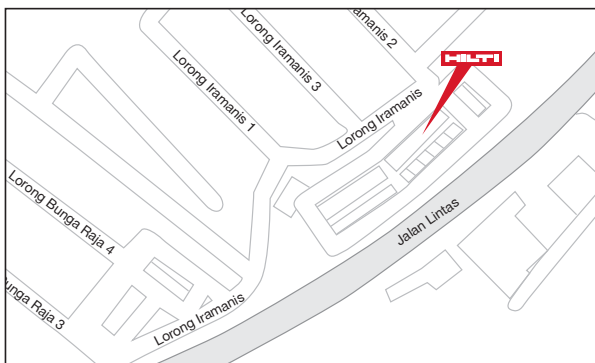
Ipoh Hilti Center
36, Laluan Perusahaan Menglembu 1
Kawasan Perindustrian Menglembu
31450 Menglembu, Ipoh, Perak, Malaysia
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HILTI CENTERS

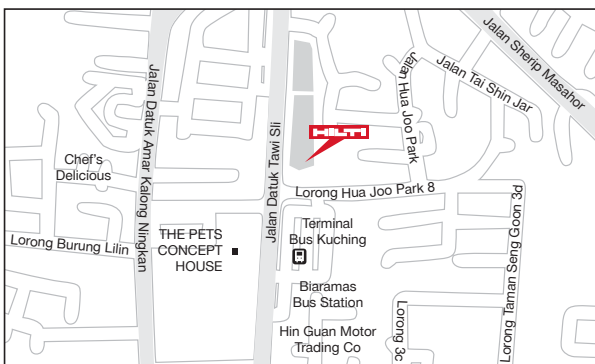
At your convenience from
8.00am to 5.00pm



Johor Bahru Hilti Center
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LOGOS AND ICONS

Explanation of the Hilti logos and icons



Hilti Lifetime Service provides outstanding service for the entire life of the product – completely free of charge for the first one or two years from date of purchase – covering repair or replacement of defective parts and including free pick-up and return transport. After that, Hilti continues to prove the quality of its products by setting a repair cost limit – for the entire life of the product.



Hilti Calibration Service – consistently reliable measuring results for all Hilti measuring tools.



Hilti power tools and Hilti accessories are developed together, tested together and perfectly matched to each other. You therefore benefit from a level of system performance that amounts to much more than just the sum of its components.



The “iF product design award” is one of the world’s most renowned design awards. An independent jury of experts assesses products from various classes in terms of degree of innovation, functionality, formal design quality, brand value, ergonomics and choice of materials.



Active Vibration Reduction (AVR) reduces vibration by up to two thirds compared with conventional power tools



Hilti Smart Power – consistent performance under load.



Hilti Cordless Power Care (CPC). Extremely light in weight and perfectly balanced, Hilti Lithium CPC cordless tools give you the lasting power and mobility you need for all kinds of demanding jobs.



reddot design award
product design

The “red dot design award” is the largest and most renowned design competition in the world. An international jury reviews and evaluates the submitted products according to criteria such as degree of innovation, functionality and the formal quality.



Hilti DRS dust removal systems make countless jobs virtually dust-free and thus more productive.



Hilti Pulse Power – up to 1 million pulses per second for extremely fast and highly reliable measuring results, even under the most difficult conditions.



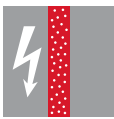
- Efficient engine
- Cutting edge transmission
- Electronic power steering



Clean-Tec stands for especially environmentally-friendly Hilti products. This means keeping a watchful eye on the environmental effects of our products over their entire life cycle from the selection of materials, all the way through to production, use and recycling.

LOGOS AND ICONS

Explanation of the Hilti logos and icons.



Electrical resistance
non-conductive



Mold resistance



Thermal insulation value



Acoustic resistance



Smoke resistance



Water resistance



Fire resistance



British Standard 476-20
approval



CE marking



European Technical Approval



UL Classified marking



FM Approved marking



FBC System Compatible



W Rated System Available

IMPORTANT INFORMATION

Terms & Conditions
Returns & Cancellations



TERMS AND CONDITIONS

Important note:

All sales are subject to Hilti (Malaysia) Sdn. Bhd. "Terms and Conditions of Sale".

All goods, merchandise and services (the Goods) supplied by Hilti (Malaysia) Sdn Bhd (hereafter referred to as Hilti) to any person, firm or company placing an order with Hilti for the purchase of any Goods, the customers are subject to the complete set of our Terms and Conditions of sale which can be accessed at www.hilti.com.my.

All descriptions and illustrations in this publication are intended for guidance only and shall not constitute a "sale by description / picture".

All dimensions given are nominal and Hilti may change the information, products and specifications from time to time for a variety of reasons, without prior notice. The information in this publication is provided "as is" at the date specified on the back cover. (Updates will not be issued automatically).

This information is not intended to have any legal effect, whether by way of advice, representation or warranty (express or implied). Hilti accepts no liability whatsoever (to the extent permitted by law) if you place any reliance on this publication and you must do so at your own risk.

RETURNS AND CANCELLATIONS

Hilti must be notified of all returns within 2 weeks from delivery and subject to 10% restocking fees. Products must be in saleable condition to qualify for return.

Saleable condition is defined as those unused items in original packaging, defect-free and in unbroken quantities. All returns are subject to Hilti inspection and acceptance. Request for return after 2 weeks of delivery will not be accepted.

The following products are not eligible for return,

- a.) All Chemical products
- b.) Products specially purchased / ordered for customer
- c.) Products sold under promotion or selloff

Customer is requested to get a Goods Return Form as an acknowledgement that the products has been collected by Hilti personnel or driver on behalf of Hilti when returning products.

The customer may not cancel an order of the Goods including but without limitation, any goods that involve special requirements of the customer once the order has been inputted onto Hilti ordering system, without the prior written consent of Hilti.

Right of technical and programme changes reserved S.E.& O; no liability accepted for printing errors or other deficiencies; earlier sales catalogues are thus rendered non valid.

Hilti = registered trademark of Hilti Corp. Schaan



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