

A low-angle, black and white photograph of a construction site. Two workers in safety gear are standing on a steel beam, surrounded by a dense network of scaffolding that reaches high into the sky. The scene is dramatic, with strong light and shadows. A red Hilti toolbox is in the foreground.

HILTI

Products and Services

**SUPERIOR SOLUTIONS.
DEPENDABLE SERVICE.**

Hilti. Outperform. Outlast.

Our purpose statement

We passionately create enthusiastic customers and build a better future!



Through our multiple channels, we pride ourselves in serving all your needs, whether through productivity-boosting tools and consumables, technical advice, engineering support, product demonstrations, application training, on-site testing and after-sales service.

Hilti is a total systems solution provider for the whole application chain!

The Hilti Group is a world leader in developing, manufacturing and marketing added-value, top quality products for professional customers in the construction industry and in building maintenance.

Our product range covers drilling and demolition, direct fastening, diamond and anchoring systems, firestop and foam systems, measuring as well as cutting and sanding systems.

We are committed to excellence in innovation, total quality and direct customer relationships. Whatever your application, you can rely on Hilti to provide a solution and back-up services.

With Hilti you save time and money at each step.

   							
Application	Design <ul style="list-style-type: none"> • Specification • Consulting • Engineering • Software 	Measuring <ul style="list-style-type: none"> • Distance Measuring • Levelling & Aligning • Detection Systems 	Drilling & Demolition <ul style="list-style-type: none"> • Drilling & Chiseling • Diamond Systems 	Cutting & Grinding <ul style="list-style-type: none"> • Cutting & Grinding • Sawing & Sanding • Diamond Systems 	Fastening & Installation <ul style="list-style-type: none"> • Direct Fastening • Screw Fastening • Anchoring • Installation 	Insulation & Protection <ul style="list-style-type: none"> • Firestop Systems • Construction Chemicals 	Professional Services <ul style="list-style-type: none"> • Repair Service • Lifetime Service • Fleet Management

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Measuring Systems

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Overview laser range meters



	PD 5	PD-I	PD-E
	Laser range meter	Laser range meter	Laser range meter
Positioning	universal	interior	interior and exterior
Technical features			
Accuracy	+/- 1.5 mm	+/- 1 mm	+/- 1 mm
Measuring distance	< 70 m	< 100 m	< 200 m
IP protection class	IP 55	IP 65	IP 65
Functionalities			
Measuring and Tracking	■	■	■
Area		■	■
Clear		■	■
Plus and Minus		■	■
Indirect Measurement		■	■
Optical sight			■
Min/Max		■	■
Volume		■	■
Timer		■	■
Painters area		■	■
Side measuring key			■
Automatic spike detection		■	■
LED indicates whether measurement starts at front or back of tool		■	■
Tilt measurement		■	■



Overview rotating lasers





	PRI 36	PR 2-HS	PRE 38
	Rotating laser	Rotating laser	Dual grade laser
Positioning	interior	exterior	exterior
Technical features			
Accuracy	+/- 1 mm at 10 m	+/- 0.5 mm at 10 m	+/- 0.5 mm at 10 m
Laser	green, highest visibility, class 3R	red, low visibility, class 2	invisible, class 3R
Working range	2 - 300 m	2 - 600 m	2 - 800 m
Remote range (radius)	50 m	-	150 m
Remote control	Radio frequency	-	Radio frequency
Self levelling range	+/- 5°	+/- 5°	+/- 5°
Offset indication	Digital	Digital	Arrows
Slope range	8.60%	with adapter	25%
IP protection class	IP 56	IP 66	IP 66
Functionalities			
Levelling	■	■	■
Vertical aligning	■		
Squaring	■		
Slope	■	■	■
Digital slope display			■
Slope type	single slope	manual slope	dual slope



Overview multidirectional lasers



	PMC 46	PM 4-M
	Full solution combi laser	Multi-line laser
Positioning	interior	interior
Technical features		
Accuracy	+/- 3 mm (points) at 10 m +/- 1.5 mm (lines)	+/- 2 mm at 10 m
Laser	highly visible, red, class 2	highly visible, red, class 2
Working range	30 m (points) and 10 m (lines, without receiver)	20 m without receiver 50 m with receiver
Self levelling range	+/- 5°	+/- 3°
IP protection class	IP 54	IP 54
Transport protection	Impact protection system	Pendulum locking mechanism
Functionalities		
Levelling	■	■
Aligning	■	■
Squaring	■	■
Plumbing	■	■
		



Overview detector systems



	PS 30	PS 35	PS 250
	Ferrodetector	Ferrodetector	Ferrosan
Positioning	universal	universal	universal
Functionalities			
Locates:			
Ferrous metals	■	■	■
Non-ferrous metals	■	■	
Measures:			
Depth of cover		■	■
Rebar diameter			■
Technology	pulse induction	pulse induction	induction
Software		■	■



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



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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	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, 1x Battery AAA (2) alkaline, 1x Toolbag PDA 605	1 pc	2004830

Please visit our website for the latest item numbers and related products.

Laser range meter PD-I



Applications

- Measuring quickly and safely in places where access is difficult
- Measuring the lengths of cables and pipes
- Determining the surface area of walls, ceilings and floors for painting etc.
- Volume calculations for planning ventilation and heating systems
- Measuring heights from floors to ceilings in a one-man operation
- Checking parallels and offsets using the min/max function

Advantages

- No minimum distance when measuring very short distances
- LEDs provide clear identification of the measuring reference and thus help avoid errors
- Built-in 360° tilt sensor for various application possibilities
- Extremely ruggedly built to withstand hard jobsite use
- Quick, reliable measurements
- Measuring functions are aided by the graphic display



PULSE POWER

Technical data

Accuracy	±1 mm
Measuring range	0 m - 100 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 (3x)
Measuring functions	Single and continuous measurement, Digital level
Data memory	Last 30 measurements / calculation results with graphics
Operating time with alkaline battery	5000 measurements
IP protection class	IP 65 (EN 60529)
Operating temperature range	-10 - 50 °C
Dimensions (LxWxH)	129 x 60 x 28 mm



Order description	Package contents	Sales pack quantity	Item number
PD-I	1x Laser range meter PD-I, 1x Battery AAA (2) alkaline, 1x Hand strap, 1x Toolbag PDA 65	1 pc	2061407

Please visit our website for the latest item numbers and related products.

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 level
Data memory	Last 30 measurements / calculation results with graphics
Operating time with alkaline battery	5000 measurements
IP protection class	IP 65 (EN 60529)
Operating temperature range	-10 - 50 °C
Dimensions (LxWxH)	129 x 60 x 28 mm



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

Please visit our website for the latest item numbers and related products.

Accessories for Laser Range Meters

		PD 5	PD-I	PD-E	Sales pack quantity	Item number
Ordering designation						
Laser visibility glasses PUA 60		■	■	■	1 pc	284988
Measuring extension PDA 72			■	■	1 pc	2062052
Target plate PDA 50		■	■	■	1 pc	282388

Combilaser PMC 46



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
Laser line width at 5m distance	
Low battery indication	Yes



PULSE II POWER

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Ordering designation	Package contents	Sales pack quantity	Item number
PMC 46 kit	1x Combilaser PMC 46 - 6mm, 2x Battery AA (2) alkaline, 1x Tripod PMA 20 small, 1x Universal adapter PMA 78, 1x Case, 1x Bag	1 pc	411210

Please visit our website for the latest item numbers and related products.

Multi-line laser PM 4-M



Applications

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

Advantages

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



PULSE **POWER**

Technical data












Laser functionality	Square, Level, Align, Plumb
Accuracy	±2 mm at 10 m
Self-levelling range at room temperature	±3 °
Laser class	< 1 mW, 635 nm, Class 2 (IEC 60825-1:2008), Class II (FDA CFR 21 art. 1040)
IP protection class	IP 54 (IEC 529)
Battery type	4 x 1.5 V (AA)
Weight with batteries	990 g
Dimensions (LxWxH)	124 x 124 x 187 mm
Automatic switch-off	Yes



Ordering designation	Package contents	Sales pack quantity	Item number
PM 4-M	1x Multi line laser PM 4-M , 2x Battery AA (2) alkaline, 1x Tripod adapter PMW 30 , 1x Case	1 pc	2047073

Please visit our website for the latest item numbers and related products.

Accessories for Multi-directional Lasers

		PMC 46	PM 4-M		
Ordering designation				Sales pack quantity	Item number
Laser receiver holder PRA 80		■		1 pc	360058
Laser receiver holder PRA 83			■	1 pc	2071084
Laser receiver PMA 31		■	■	1 pc	411288
Laser visibility glasses PUA 60		■	■	1 pc	284988
Magnetic bracket PMA 74		■		1 pc	286150
Target plate PMA 54 (MM) (3)		■		1 pc	411289
Target plate PRA 50 (CM)		■	■	1 pc	285415
Telescopic brace PUA 10 For use with the PMA 78 universal adapter - length can be adjusted between 1.51 and 3.40m (59 1/16" and 133 7/8")		■		1 pc	378038
Tripod PMA 20 The PMA 20 compact tripod is extendable up to 1.2 m and fits neatly in the case, allows the user to set up the system quickly anywhere on the jobsite		■	■	1 pc	411287
Universal adapter PMA 78		■		1 pc	411286
Wall mount PMA 79			■	1 pc	2068551

Rotating laser PRI 36



Applications

- Levelling (suspended ceilings, transferring heights, pouring concrete, excavation...)
- Aligning (pipe runs and cable trays, transferring building lines, aligning columns, facades)
- Squaring (walls, partitions)

Advantages

- Green laser for maximum visibility and a finer, more accurate line over typical working distances
- Thanks to auto alignment, the tool aligns the beam at the touch of a button
- Laser receiver and remote control unit are combined in one device
- Digital measurement - lets you read offsets from the PRA 36 remote control / laser receiver
- State-of-charge indication and ability to charge while running eliminate downtime



PULSE POWER

Technical data

Accuracy	±1 mm at 10 m
Laser functionality	Horizontal levelling, Vertical aligning, Manual slope, One 90° laser beam
Self-levelling range at room temperature	±5 °
Operating distance range of remote control (diameter)	0 - 200 m
Operating range with laser receiver (diameter)	2 - 300 m
Laser class	< 4.5 mW, 532 nm, Class 3R (IEC 825-1:2007), Class IIIa (FDA CFR 21 art. 1040)
IP protection class	IP 56 (IEC 529)
Battery type	Li-ion
Weight with batteries	2.4 kg
Dimensions (LxWxH)	252 x 252 x 209 mm



Ordering designation	Package contents	Sales pack quantity	Item number
PRI 36	1x Rotating laser PRI 36 , 1x Battery pack PRA 84 G assy, 1x Battery AA (2) alkaline, 1x Remo. control/laser receiver PRA 36 , 2x Target plate PRA 54 (CM/IN), 1x Mains adapter PUA 81, 1x Case	1 pc	2044075

Please visit our website for the latest item numbers and related products.

Rotating laser PR 2-HS



Applications

- Excavation
- Levelling formwork and pouring concrete
- Transferring and checking reference heights
- Setting out slopes

Advantages

- One button, one function makes the tool extremely easy to use
- Built to last - newly designed shock-absorbing handles and receiver holder as well as the rugged IP 66 protected housing provide the most reliable performance in the toughest jobsite environment (MIL-STD-810G)
- Unaffected by sun and other light sources thanks to PulsePower technology
- Digital measurement indicates to the user precisely how much the measurement deviates from the target value
- Single manual slope mode at up to 45° using the PRA 79 slope adapter
- Lithium-ion battery featuring CPC technology for unique power management, can be charged while operating or in vehicles using the PUA 82 motor vehicle power adapter



PULSEPOWER

Technical data

Accuracy	±0.5 mm at 10 m
Laser functionality	Manual slope, Horizontal levelling
Self-levelling range at room temperature	±5 °
Operating range with laser receiver (diameter)	2 - 600 m
Laser class	<4.85 mW, 620-690 nm, Class 2 (IEC 60825-1:2007), Class II (FDA CFR 21 art. 1040)
IP protection class	IP 66 (IEC 529)
Battery type	Li-ion
Weight with batteries	2.5 kg
Dimensions (LxWxH)	200 x 200 x 230 mm
Drop test height receiver	2 m



Ordering designation	Package contents	Sales pack quantity	Item number
PR 2-HS	1x Rotating laser PR 2-HS , 1x Battery pack PRA 84 assy, 1x Battery AA (2) alkaline, 1x Mains adapter PUA 81, 1x Laser receiver PRA 20 , 1x Laser receiver holder PRA 83 , 1x Case	1 pc	2071035

Please visit our website for the latest item numbers and related products.

Dual Grade laser PRE 38



Applications

- Determining, transferring and checking horizontal or inclined planes in jobs such as excavation, landscaping, machine control, positioning concrete forms and setting out
- Site preparation and earthworks for concrete pads, parking lots and runways etc.
- Excavation work such as setting out foundations and footings or trenches for pipes
- Fine grade excavation and grading with precise depth control
- Laser-based machine guidance in conjunction with a simple machine receiver

Advantages

- Easy dial-in slope with digital display plus quick setting up and alignment thanks to the integrated targeting system
- Full-function remote control with up to 300 m operating range
- Long working range for greater freedom when setting up (up to 800 m diameter with PRA38 laser receiver)
- Wide grade range (up to 25%) - no pre-setting required
- Built-in shock warning system prevents inaccuracy when knocked off level
- Rechargeable battery with extra-long life, can be charged while in operation, use of alkaline batteries also possible for maximum flexibility



Technical data











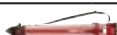




Accuracy	±0.5 mm at 10 m
Self-levelling range at room temperature	±5 °
Operating range with laser receiver (diameter)	2 - 800 m
Operating distance range of remote control (diameter)	2 - 300 m
Inclination setting Y-axis - range	-5 - 25 %
Laser class	< 2.5 mW, 685 nm, Class 3R (EN 60825-1:2008), Class IIIa (FDA CFR 21 art. 1040)
IP protection class	IP 66 (IEC 529)
Operating temperature range	-20 - 50 °C
Battery type	NIMH
Pulse power	No



Order description	Package contents	Sales pack quantity	Item number
PRE 38	1x Dual grade laser PRE 38 , 3x Battery AA (2) alkaline, 1x Laser receiver PRA 38 , 1x Laser receiver holder PRA 80	1 pc	430466

Please visit our website for the latest item numbers and related products.

Accessories for Rotating Lasers

		PRI 36	PR 2-HS	PRE 38		
Ordering designation					Sales pack quantity	Item number
Battery pack PRA 84		■	■		1 pc	360055
Crank tripod PA 921		■	■	■	1 pc	378663
Crank tripod PA 931 (CM)		■		■	1 pc	315998
Height transfer device PRA 81 (MM)		■	■	■	1 pc	368627
Laser receiver holder PRA 80		■	■		1 pc	360058
Laser visibility glasses PUA 60		■	■		1 pc	284988
Mains adapter PUA 81		■	■		1 pc	2006089
Measuring rod PUA 50 (CM)		■	■	■	1 pc	400935
Slope adapter PRA 78		■			1 pc	360059
Tripod PUA 20 + PUA 50 kit		■	■		1 pc	400936
Tripod PUA 20		■	■	■	1 pc	400934
Wall mount PRA 70 (CM)		■			1 pc	285314
PRA 36 Laser receiver		■			1 pc	359981
PRA 38 Laser receiver				■	1 pc	430468
PRA 20 Laser receiver			■		1 pc	2071120

Ferrodetecter PS 30



Applications

- Locating reinforcement, copper or aluminium pipes in concrete
- Locating copper or aluminium pipes in brick walls

Advantages

- Minimizes damage to rebar, copper and aluminium pipes when drilling
- Avoiding hitting rebar increases drill bit lifetime
- Unmatched localization accuracy
- Clear indication of detection with the red / green LED
- Easy to use, with one-button operation
- Ruggedly built for jobsite use



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Technical data

Operating temperature range	-15 - 50 °C
Localization accuracy ¹⁾	±10 mm
IP protection class	IP 54 (IEC 529)
Weight with batteries	420 g
Dimensions (LxWxH)	230 x 100 x 45 mm
Automatic switch-off	Yes
Low battery indication	Yes
Operating time with alkaline battery	10 h
Battery type	4 x 1.5 V (AAA)
Max. detection depth for non-ferrous metal objects ¹⁾	80 mm

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



Ordering designation	Package contents	Sales pack quantity	Item number
PS 30	1x Ferrodetecter PS 30, 2x Battery AAA (2) alkaline, 1x Marker pen, 1x Hand strap, 1x Toolbag PSA 66	1 pc	407920 ¹⁾

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Please visit our website for the latest item numbers and related products.

Ferrodetector PS 35



Applications

- Locating reinforcement, copper or aluminium pipes in concrete
- Locating copper or aluminium pipes in brick walls
- Determining the position and depth of existing rebar for post-installed rebar connections
- Checking concrete cover over reinforcement for trouble-free anchor setting

Advantages

- Minimizes damage to rebar, copper and aluminium pipes when drilling
- Avoiding hitting rebar increases drill bit lifetime
- Simple, user-friendly operation
- Clear indication of detection with red / green LED
- Ruggedly built for jobsite use
- Measures depth of concrete cover over rebars with high accuracy

Technical data

Accuracy of depth measurement for rebar¹⁾	± 3 mm
Operating temperature range	-15 - 50 °C
Localization accuracy¹⁾	±10 mm
IP protection class	IP 54 (IEC 529)
Weight with batteries	450 g
Dimensions (LxWxH)	230 x 100 x 45 mm
Low battery indication	Yes
Operating time with alkaline battery	8 h
Battery type	4 x 1.5 V (AAA)
Max. depth for determining depth of coverage¹⁾	120 mm

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



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Ordering designation	Package contents	Sales pack quantity	Item number
PS 35	1x Ferrodetector PS 35, 2x Battery AAA (2) alkaline, 2x Marker pen, 1x Hand strap, 1x Toolbag PSA 66, 1x Case	1 pc	407961

Please visit our website for the latest item numbers and related products.

Ferrosan system PS 250



Applications

- Rebar verification and analysis
- Checking concrete cover over large areas for structural repair work
- Building acceptance inspections and quality control
- Helps avoid costly rebar hits and damage caused by cutting through structurally significant reinforcement when coring and hammer drilling
- Generation of structural assessment reports including statistics and visual presentation in 2D/3D views of areas of up to 45 x 45 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
- Displays a clear 2D image of the reinforcement on the monitor for on-the-spot structural analysis and depth of cover assessment
- Records scan data automatically over lengths of up to 30 metres and up to 9 Imagescans



Technical data

Accuracy of depth measurement for rebar ¹⁾	± 1 mm
Accuracy of rebar diameter estimation ¹⁾	+/- 1 standard size
Localisation accuracy ¹⁾	±3 mm
Max. depth for determining depth of coverage ¹⁾	160 mm (at 36 mm rebar diameter)
Max. depth for determining rebar diameter ²⁾	60 mm
Max. detection depth for rebar	180 mm (at 36 mm rebar diameter)
IP protection class	IP 54 (IEC 529)
Rebar diameter range	6 - 36 mm
Type of scan	Areas (Imagescan or Blockscan), Quicksan detection, Quicksan recording
Weight (monitor) (incl. battery)	2.3 kg

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

²⁾ Performance and accuracy can be significantly affected by site conditions - see operating instructions



Ordering designation	Package contents	Sales pack quantity	Item number
PS 250	1x Scanner PS 200 S, 1x Battery pack PSA 80, 1x Battery pack PSA 82, 1x Battery charger PUA 80, 1x Battery AA (2) alkaline, 5x Reference grid PSA 10 (MM), 1x Monitor PSA 100, 1x Hand strap, 1x Mains adapter PUA 81, 1x Supply cord EU, 1x Infrared adapter PSA 55, 1x Concrete adhesive tape PUA 90, 1x Marker pen PUA 70 set, 1x PC software PROFIS Ferrosan V5.7, 1x Toolbag PSA 60, 1x Toolbag PSA 61, 1x Case	1 pc	2044439

Please visit our website for the latest item numbers and related products.



Drilling and Demolition

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Combihammer

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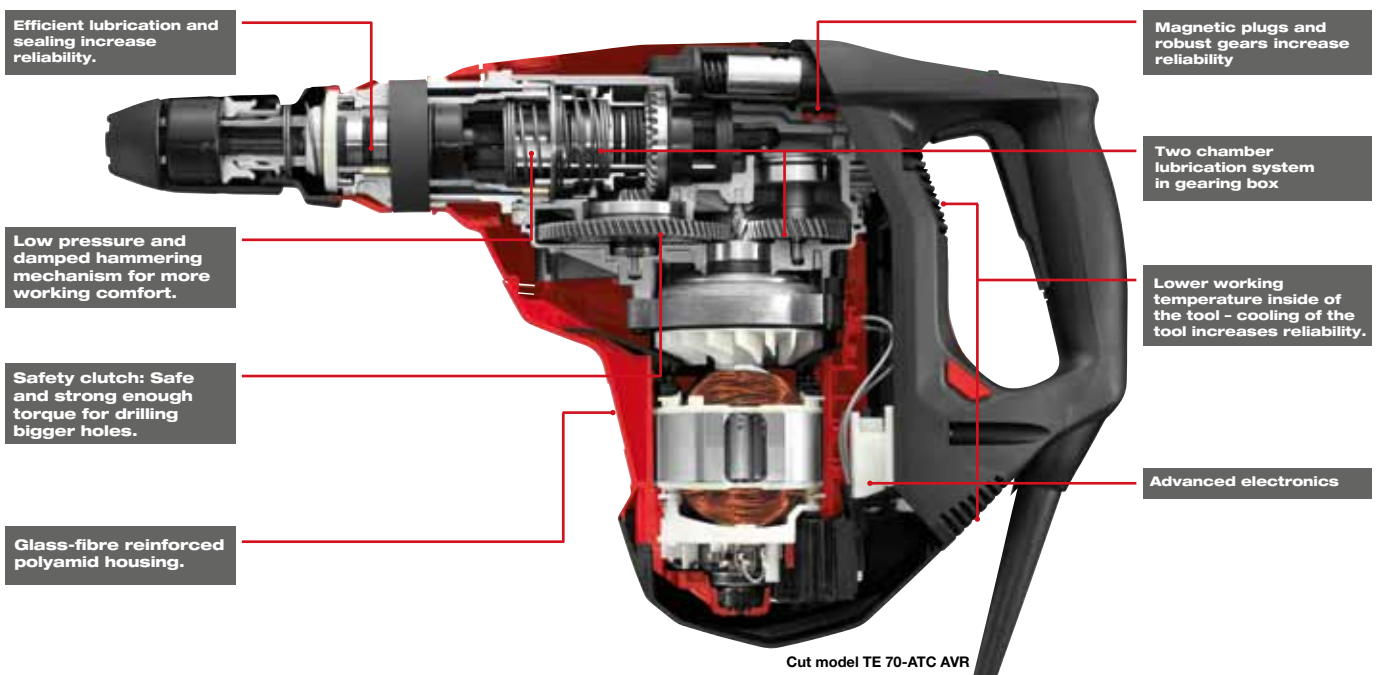
ONE MAN. ONE TOOL.

Hilti combihammer systems benefit from almost fifty years of experience in tool research, development and production in our own facilities. We pride ourselves in knowing the needs of our products' end users while incorporating technological know-how and providing a level of quality second to none. With Hilti, you can choose from a range of service packages designed to give peace of mind while helping save considerable costs over the tool's lifecycle.



Simply better built.

Hilti combihammers are designed in the way they are because we have known all about users and their applications for decades. Our clear focus on the best performance-to-weight ratio can be seen in the well thought-out design and top quality of all the components.





It pays to play safe.

Hilti combihammers' impressive state-of-the-art safety features, coupled with Hilti's "built to last" promise means low failure rates and long service intervals. For the demanding professional onsite as well as their offsite counterpart, these benefits add up to higher productivity and significant cost savings over the life of the product.

ATC

Active Torque Control

Greater safety thanks to automatic cut-out.

Sensors detect sudden, uncontrolled rotation of the combihammer, such as when the drill bit sticks. The gearing and motor are decoupled automatically in a fraction of a second. The power tool switches itself off.

AVR

Active Vibration Reduction

Up to 2/3 lower vibration.

AVR provides effective protection from the consequences of long-term exposure to vibration. As the tool is less tiring to work with it also increases daily productivity and allows longer permissible switched-on working times.

DRS

Dust Removal Systems

Putting an end to dust.

Dust not only shortens the life of power tools and accessories such as drill bits and chisels, it also has a negative effect on power tool performance and on the productivity achieved by the operator. Hilti DRS Dust Removal Systems are capable of reducing dust emissions by up to 99 percent.

Overview breakers



	TE 500-AVR	TE 700-AVR	TE 1500-AVR	TE 3000-AVR
	Light breaker	Medium breaker	Heavy breaker	Heavy breaker
Technical Features				
Watt / Single impact energy	1100W / 7.5J	1300W / 11.5J	1800W / 30J	2070W / 68J
Triaxial vibration for chiselling in concrete	10.1 m/s²	6.5 m/s²	12 m/s²	7 m/s²
Hammering speed under load	3100 impacts/minute	2760 impacts/minute	1620 impacts/minute	860 impacts/minute
Chuck style	TE-Y	TE-Y	TE-S	TE-H28P
Weight in accordance with EPTA-Procedure 01/2003	5.7 kg	7.9 kg	14.2 kg	29.9 kg
Applications				
Joint repair	■			
Removal of stucco, plaster, paint and cement remains	■	■		
Tile removal	■	■		
Medium-duty demolition work (masonry)	■	■		
Corrective work (doors, windows, concrete walls)	■	■		
Large and small wall breaches	■ smaller than 20x20 cm	■ greater than 20x20 cm		
Heavy-duty demolition work in concrete walls and masonry	■	■		
Breaching of floors		■	■	■
Penetration for pipes, air ducts and cables			■	
Special application such as floor tile removal, bushing and compacting			■	
Demolition work at or near floor level			■	■
Breaking up asphalt in surface renewal work			■	■
Impressive hammering power to large concrete demolition jobs				■

■ Optimal ■ Possible



Overview rotary hammers



	TE 1	TE 2-M	TE 7	TE 7-C
	Rotary hammer	Rotary hammer	Rotary hammer	Rotary hammer
Technical Features				
Drilling diameter in concrete (Mm) ■ = Optimal ■ = Possible				
Triaxial vibration for drilling in concrete (m/s²)	15	13.5	11	17
Trigger Time To Action Value / Limit Value (Min)	13 (52)	16 (64)	25 (100)	10 (40)
Number of Holes To Action Value / Limit Value	8x50 133 (532)	8x50 163 (652)	8x50 247 (988)	8x50 107 (428)
Ratio Drilling / Chiselling ■ = Drilling ■ = Chiselling				
Single impact energy (Joules)	1.6 J	1.8 J	1.8 J	2.6 J
Power range (Watts)	650 W	650 W	650 W	720 W
Chuck style	TE-C	TE-C	TE-C	TE-C
Weight	2.4 kg	2.9 kg	2.9 kg	3.5 kg
Applications				
Drilling concrete, masonry and natural stone	■	■	■	■
Occasional drilling in wood and steel (with quick release chuck)	■	■	■	■
Cutting socket recesses in masonry			■	■
Driving screws using a special bit holder	■	■		
Corrective chiselling and small channel openings in concrete				■



Overview combihammers



	TE 30	TE 30-M AVR	TE 50
	Medium combihammer	Medium combihammer	Medium combihammer
Technical Features			
Drilling diameter in concrete (Mm) ■ = Optimal ■ = Possible			
Triaxial vibration for drilling in concrete (m/s²)	16.5	12	16.1
Trigger Time To Action Value / Limit Value (Min)	21 (84)	21 (84)	23 (92)
Number of Holes To Action Value / Limit Value	12x100 61 (244)	12x100 116 (464)	16x100 99 (396)
Ratio Drilling / Chiselling ■ = Drilling ■ = Chiselling			
Single impact energy (Joules)	3.3 J	3.3 J	5.2 J
Power range (Watts)	850 W	900 W	1050 W
Chuck style	TE-C	TE-C	TE-Y
Weight	4 kg	4.2 kg	5.7 kg
ATC	-	-	-
Applications			
Drilling anchor and through holes in concrete and masonry	■	■	■
Drilling through holes in stone			
Drilling in wood and metal	■	■	■
Driving anchor screws and concrete screw anchors	■	■	■
Driving/removing wood screws	■	■	■
Socket cutting in masonry using percussion core bits	■	■	■
Coring in concrete			
Chiselling on masonry		■	■
Medium-duty demolition work			



Overview combihammers



	TE 60-ATC	TE 70-AVR	TE 70-ATC/AVR
	Large Combihammer	Large Combihammer	Large Combihammer
Technical Features			
Drilling diameter in concrete (Mm)			
■ = Optimal ■ = Possible			
Triaxial vibration for drilling in concrete (m/s²)	7.5	10	10
Trigger Time To Action Value / Limit Value (Min)	53 (212)	30 (120)	30 (120)
Number of Holes To Action Value / Limit Value	25x100	25x100	25x100
	150 (604)	100 (402)	100 (402)
Ratio Drilling / Chiselling			
■ = Drilling ■ = Chiselling			
Single impact energy (Joules)	7.3 J	11.5 J	11.5 J
Power range (Watts)	1300 W	1800 W	1800 W
Chuck style	TE-Y	TE-Y	TE-Y
Weight	7.5 kg	8.3 kg	9.5 kg
ATC	Yes	-	Yes
Applications			
Drilling anchor and through holes in concrete and masonry	■	■	■
Drilling through holes in stone	■	■	■
Drilling in wood and metal	■	■	■
Driving anchor screws and concrete screw anchors	■	■	■
Driving/removing wood screws			
Socket cutting in masonry using percussion core bits	■	■	■
Coring in concrete	■	■	■
Chiselling on masonry	■	■	■
Medium-duty demolition work		■	■



Rotary hammer TE 1



Applications

- Everyday hammer drilling in concrete, masonry and natural stone
- Reverse rotation is useful for removing stuck drill bits

Advantages

- Single-mode SDS rotary hammer (hammer drilling)
- Sturdy motor with high load rating for maximum reliability
- High comfort due to compact size, light weight and "TE-C Click" chuck
- Electronic switch for precise hole-starting
- Lock-on button for continuous use



Technical data

Working mode	Hammer drilling
Optimum drilling diameter in concrete	4 - 12 mm
Drilling diameter range for hammer drill bits	4 - 18 mm
Single impact energy	1.5 J
Triaxial vibration value for hammer drilling into concrete (ah,HD)¹⁾	15 m/s ²
A-weighted emission sound pressure level²⁾	89 dB (A)
Active Vibration Reduction	No
Dust removal module	TE DRS-S (optional)
Rated input power	650 W
Full hammering frequency	4500 impacts/minute

¹⁾ according to EN 60745-2-6

²⁾ according to EN 60745



Ordering designation	Package contents	Sales pack quantity	Item number
TE 1	1x Rotary hammer TE 1 230V GB , 1x Case	1 pc	355437

Please visit our website for the latest item numbers and related products.

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

Working mode	Hammer drilling, Drilling only
Optimum drilling diameter in concrete	4 - 12 mm
Drilling diameter range for hammer drill bits	4 - 22 mm
Single impact energy	1.8 J
Triaxial vibration value for hammer drilling into concrete (ah,HD)¹⁾	13.5 m/s ²
A-weighted emission sound pressure level²⁾	91 dB (A)
Dust removal module	TE DRS-S (optional)
Rated input power	650 W
Full hammering frequency	4600 impacts/minute
Dimensions (LxWxH)	352 x 89 x 203 mm

¹⁾ according to EN 60745-2-6

²⁾ according to EN 60745



Ordering designation	Package contents	Sales pack quantity	Item number
TE 2	1x Rotary hammer TE 2 230V GB , 1x Case	1 pc	228091

Please visit our website for the latest item numbers and related products.

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

Working mode	Hammer drilling, Drilling only
Optimum drilling diameter in concrete	4 - 12 mm
Drilling diameter range for hammer drill bits	4 - 22 mm
Single impact energy	1.8 J
Triaxial vibration value for hammer drilling into concrete (ah,HD)¹⁾	13.5 m/s ²
A-weighted emission sound pressure level²⁾	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 according to EPTA Procedure 01/2003	2.9 kg

¹⁾ according to EN 60745-2-6

²⁾ according to EN 60745



Ordering designation	Package contents	Sales pack quantity	Item number
TE 2-M	1x Rotary hammer TE 2-M 230V GB, 1x Case	1 pc	228117

Please visit our website for the latest item numbers and related products.

Rotary hammer TE 7



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

Working mode	Hammer drilling, Drilling only
Optimum drilling diameter in concrete	6 - 16 mm
Drilling diameter range for hammer drill bits	5 - 24 mm
Single impact energy	1.8 J
Triaxial vibration value for hammer drilling into concrete (ah,HD)¹⁾	11 m/s ²
A-weighted emission sound pressure level²⁾	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

¹⁾ according to EN 60745-2-6

²⁾ according to EN 60745



Ordering designation	Package contents	Sales pack quantity	Item number
TE7	1x Rotary hammer TE 7 02 230V GB , 1x Case	1 pc	3470951

Please visit our website for the latest item numbers and related products.

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

Technical data

Working mode	Hammer drilling, Drilling only, Chiselling, Chisel setting
Drilling diameter range for hammer drill bits	4 - 28 mm
Single impact energy	2.6 J
Triaxial vibration value for hammer drilling into concrete (ah,HD)¹⁾	17 m/s ²
A-weighted emission sound pressure level²⁾	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	3.4 kg
Approvals	CE, UL

¹⁾ according to EN 60745-2-6






²⁾ according to EN 60745



Ordering designation	Package contents	Sales pack quantity	Item number
TE7C	1x Rotary hammer TE 7-C 230V GB, 1x Case	1 pc	228056

Please visit our website for the latest item numbers and related products.

Accessories for Corded Rotary Hammers

		TE 2	TE 2-M	TE 7-C	TE 7	Sales pack quantity	Item number
Ordering designation							
Angular chuck TE-AC 1				■	■	1 pc	272701
Chuck spindle TE-C-BFH		■				1 pc	60459
Dust removal system TE DRS-M				■	■	1 pc	267769
Extraction head assy				■	■	1 pc	343246
Key-type chuck			■			1 pc	228434
Quick-release chuck 13		■				1 pc	60208
Quick-release chuck TE 2M/7C/7A/6A Li			■	■	■	1 pc	224119

Combihammer TE 30



Applications

- Drilling anchor holes and through-holes in concrete and masonry, diameter range 4 to 28 mm, recommended range 8 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 diameter
- 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

Technical data

Single impact energy	3.3 J
Hammer drill bits (optimum dia. range)	10 - 20 mm
Triaxial vibration value for hammer drilling into concrete (ah,HD) ¹⁾	16.5 m/s ²
Dimensions (LxWxH)	359 x 93 x 213 mm
Full hammering frequency	4080 impacts/minute
Tool chuck type	TE-C (SDS-plus)
Weight according to EPTA Procedure 01/2003	4 kg
Service indicator	No
Connection end	TE-C (SDS-plus)
Rotation speed gear 1 under no load	750 rpm

¹⁾ according to EN 60745-2-6



Ordering designation	Package contents	Sales pack quantity	Item number
TE30	1x Rotary hammer TE 30 230V GB, 1x Case	1 pc	404248

Please visit our website for the latest item numbers and related products.

Combihammer TE 30-M AVR



Applications

- Drilling anchor holes and through-holes in concrete and masonry, diameter range 4-28 mm, recommended range 8-20 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 diameter
- Driving anchor screws and concrete screw anchors
- Light chiseling on brick and block, corrective chiseling and finishing on concrete

Advantages

- Combihammer for all-round use, with 2nd gear and chiseling function
- 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

Single impact energy	3.3 J
Hammer drill bits (optimum dia. range)	10 - 20 mm
Triaxial vibration value for hammer drilling into concrete (ah,HD) ¹⁾	12 m/s ²
Dimensions (LxWxH)	379 x 93 x 213 mm
Full hammering frequency	4080 impacts/minute
Tool chuck type	TE-C (SDS-plus)
Weight according to EPTA Procedure 01/2003	4.4 kg
Service indicator	No
Connection end	TE-C (SDS-plus)
Rotation speed gear 1 under no load	750 rpm

¹⁾ according to EN 60745-2-6



Ordering designation	Package contents	Sales pack quantity	Item number
TE30M-AVR	1x Rotary hammer TE 30-M-AVR 230V GB, 1x case	1 pc	404306

Please visit our website for the latest item numbers and related products.

Combihammer TE 50



Applications

- Hammer drilling in masonry, concrete and natural stone 16 - 25 mm diameter
- Penetrations in masonry using percussion core bits 68 mm
- 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 input 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)

¹⁾ according to EN 60745-2-6


Ordering designation	Package contents	Sales pack quantity	Item number
TE50	1x Combihammer TE 50 230V GB, 1x Case	1 pc	383900

Please visit our website for the latest item numbers and related products.

Combihammer TE 60



Applications

- Drilling anchor and through-holes in concrete and masonry in diameters 12 - 100 mm, recommended diameter range 15 - 40 mm
- Coring in diameters up to 100 mm in masonry using DD-B PCM core bits
- 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
- Improved performance with large-diameter core bits (up to 100 mm) in masonry and unreinforced concrete
- 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	Package contents	Sales pack quantity	Item number
TE60	1x Combihammer TE 60 230V, 1x Case	1 pc	427757

Please visit our website for the latest item numbers and related products.

Combihammer TE 60-ATC



Applications

- Drilling anchor and through-holes in concrete and masonry in the 12 - 100 mm diameter range, recommended diameter range 18 mm - 40 mm
- Coring in diameters up to 100 mm in masonry and concrete
- Coring in masonry with DD-B PCM core bits up to 100 mm diameter
- Medium-duty demolition work

Advantages

- The unique Active Torque Control (ATC) stops the motor almost instantly if the bit binds and the housing begins to rotate too quickly, reducing the potential of sudden rotation of the combihammer about its own axis
- Active Vibration Reduction (AVR) for optimum comfort and productivity
- 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)	18 - 40 mm
Dimensions (LxWxH)	490 x 115 x 293 mm
Full hammering frequency	3300 impacts/minute
Tool chuck type	TE-Y (SDS-max)
Reduced hammering frequency	2330 impacts/minute
Service indicator	Yes
Connection end	TE-Y (SDS-max)
Rotation speed gear 1 under no load	350 rpm
A-weighted emission sound pressure level ¹⁾	101 dB (A)

¹⁾ according to EN 60745



Ordering designation	Package contents	Sales pack quantity	Item number
TE60-ATC	1x Combihammer TE 60-ATC 230V GB, 1x Case	1 pc	234100

Please visit our website for the latest item numbers and related products.

Combihammer TE 70-AVR



Applications

- Hammer drilling in concrete, masonry and natural stone from 12 - 150 mm in diameter
- Drilling holes for heavy-duty anchors from 20 - 40 mm in diameter
- Breaching and demolition with pointed and flat chisels
- Drilling with high torque in wood and steel

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
- Glass-fibre reinforced casing parts for ruggedness and long life



Technical data

Rated input power	1800 W
Triaxial vibration value for hammer drilling into concrete (ah,HD)¹⁾	10 m/s ²
A-weighted emission sound pressure level²⁾	102 dB (A)
Single impact energy	11.5 J
Rotation speed gear 1 under no load	360 rpm
Full hammering frequency	2760 impacts/minute
Contact force	220 N
Hammer drill bits (optimum dia. range)	20 - 40 mm
Dimensions (LxWxH)	540 x 125 x 305 mm
Weight according to EPTA Procedure 01/2003	8.3 kg

¹⁾ according to EN 60745-2-6

²⁾ according to EN 60745



Order description	Package contents	Sales pack quantity	Item number
TE 70-AVR	1x Combihammer TE 70-AVR, 1x Case	1 pc	2062998

Please visit our website for the latest item numbers and related products.

Combihammer TE 70-ATC/AVR



Applications

- Hammer drilling in concrete, masonry and natural stone using drill bits in the 12 - 150 mm diameter range
- Drilling holes for heavy-duty anchors 20 - 40 mm in diameter
- Breaching and demolition using pointed and flat chisels
- Drilling with high torque in wood and steel

Advantages

- The unique Active Torque Control (ATC) stops the motor almost instantly if the bit binds and the housing begins to rotate too quickly, reducing the potential of sudden rotation of the combihammer about its own axis
- Optimised mechanical clutch for maximum torque transfer
- Centre of gravity close to the grip for optimum balance
- High rotation speed (360 rpm) for maximum drilling performance
- Glass-fibre reinforced housing parts for ruggedness and long life



Technical data

Rated input power	1800 W
Triaxial vibration value for hammer drilling into concrete (ah,HD) ¹⁾	10 m/s ²
A-weighted emission sound pressure level ²⁾	99.5 dB (A)
Single impact energy	11.5 J
Rotation speed gear 1 under no load	360 rpm
Full hammering frequency	2760 impacts/minute
Hammer drill bits (optimum dia. range)	20 - 40 mm
Dimension (LxWxH)	540x125x324 mm
Weight according to EPTA Procedure 01/2003	9.5 kg

¹⁾ according to EN 60745-2-6





²⁾ according to EN 60745



Ordering designation	Package contents	Sales pack quantity	Item number
TE 70-ATC	1x Combihammer TE 70-ATC, 1x Case	1 pc	273635

Please visit our website for the latest item numbers and related products.

Accessories for Combihammers

		TE 30	TE 30-M AVR	TE 50	TE 60	TE 60 ATC	TE 70 AVR	TE 70 ATC/AVR		
Ordering designation									Sales pack quantity	Item number
Key-type chuck		■	■						1 pc	282342
Quick-release chuck 13				■					1 pc	60208
Quick-release chuck TE 16/TE 30		■	■						1 pc	282341
TE DRS-Y				■	■	■	■	■	1 pc	2055718

Breaker TE 500-AVR



Applications

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

Advantages

- More power with less weight
- AVR Active Vibration Reduction for low vibration, better handling and higher productivity
- 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 dust
- Lockable switch for easy sustained operation during long periods of use
- Perfect starting characteristics and high working comfort



Technical data

Single impact energy	7.5 J
Full hammering frequency	3180 impacts/minute
Max. chiselling performance	900 cm³/min
Reduced impact energy	No
A-weighted emission sound pressure level ¹⁾	94 dB (A)
Active Vibration Reduction	Yes
Service indicator	Yes
Triaxial vibration for chiselling in concrete ²⁾	10.1 m/s²
Weight according to EPTA Procedure 01/2003	5.7 kg
Application	Surface work, Removing plaster/tiles and others, Bushing (roughening, smoothing surface), Corrective chiselling, Penetrations/openings

¹⁾ according to EN 60745

²⁾ according to EN 60745-2-6



Ordering designation	Package contents	Sales pack quantity	Item number
TE 500-AVR	1x Breaker TE 500-AVR 230V, 1x Case	1 pc	274715

Please visit our website for the latest item numbers and related products.

Breaker TE 500-X



Applications

- Making or enlarging breaches on masonry walls
- Removing tiles
- Surfacing work on concrete walls
- Corrective chiselling on concrete / masonry walls

Advantages

- More power with less weight
 - Excellent cooling allows various holding positions
 - Low vibration and low contact pressure
 - Separate lubrication chambers
 - Double-sealed hammering mechanism to keep dust out
- Powerful fan keeps parts cool and thus reduces wear



Technical data

Single impact energy	7.5 J
Full hammering frequency	3180 impacts/minute
Max. chiselling performance	900 cm³/min
Reduced impact energy	No
A-weighted emission sound pressure level ¹⁾	93 dB (A)
Active Vibration Reduction	No
Service indicator	Yes
Triaxial vibration for chiselling in concrete ²⁾	15.9 m/s²
Weight according to EPTA Procedure 01/2003	5 kg
Application	Surface work, Removing plaster/tiles and others, Bushing (roughening, smoothing surface), Corrective chiselling, Penetrations/openings

¹⁾ according to EN 60745

²⁾ according to EN 60745-2-6



Ordering designation	Package contents	Sales pack quantity	Item number
TE 500-X	1x Breaker TE 500-X 230V GB, 1x Case	1 pc	274736

Please visit our website for the latest item numbers and related products.

Breaker TE 700-AVR



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



Technical data

Rated input power	1300 W
Single impact energy	11.5 J
Full hammering frequency	2760 impacts/minute
Max. chiselling performance	1200 cm ³ /min
Reduced impact energy	Yes
A-weighted emission sound pressure level ¹⁾	86 dB (A)
Active Vibration Reduction	Yes
Service indicator	Yes
Triaxial vibration for chiselling in concrete ²⁾	6.5 m/s ²
Weight according to EPTA Procedure 01/2003	7.9 kg

¹⁾ according to EN 60745

²⁾ according to EN 60745-2-6



Ordering designation	Package contents	Sales pack quantity	Item number
TE 700-AVR	1x Breaker TE 700-AVR 230V GB, 1x Case	1 pc	3484303

Please visit our website for the latest item numbers and related products.

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 and Hilti Polygon chisels for high breaking performance
- Maintenance-free, brushless SR motor and triple-chamber lubrication systems for longer service intervals and tool lifetime
- Low weight and great balance for excellent handling in demanding applications
- Active Vibration Reduction (AVR) reduces vibration and allows extended periods of continuous use
- Optional TE DRS-B dust removal system removes up to 95% of dust

Technical data

Single impact energy	30 J
Full hammering frequency	1620 impacts/minute
Max. chiselling performance	8830 cm ³ /min
Reduced impact energy	No
A-weighted emission sound pressure level ¹⁾	89 dB (A)
Active Vibration Reduction	Yes
Service indicator	Yes
Triaxial vibration for chiselling in concrete ²⁾	12 m/s ²
Weight according to EPTA Procedure 01/2003	14.2 kg
Application	Bushing (roughening, smoothing surface), Penetrations/openings, Floor demolition, Pile breaking

¹⁾ according to EN 60745

²⁾ according to EN 60745-2-6



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Ordering designation	Package contents	Sales pack quantity	Item number
TE 1500-AVR	1x Breaker TE 1500-AVR 230V GB, 1x Case	1 pc	248985

Please visit our website for the latest item numbers and related products.

Breaker TE 3000-AVR



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

Single impact energy	68 J
Full hammering frequency	860 impacts/minute
Max. chiselling performance	40000 cm ³ /min
Reduced impact energy	No
A-weighted emission sound pressure level ¹⁾	94 dB (A)
Active Vibration Reduction	Yes
Service indicator	Yes
Triaxial vibration for chiselling in concrete ²⁾	7 m/s ²
Weight according to EPTA Procedure 01/2003	29.9 kg
Application	Floor demolition, Pile breaking

¹⁾ according to EN 60745





²⁾ according to EN 60745-2-6



Ordering designation	Package contents	Sales pack quantity	Item number
Combo TE 3000-AVR Breaker	1x Breaker TE 3000-AVR 230V, 1x Case	1 pc	2033100

Please visit our website for the latest item numbers and related products.

Accessories for Demolition Hammers and Breakers

		TE 500-AVR	TE 700-AVR	TE 1500-AVR	TE 3000-AVR	Sales pack quantity	Item number
Ordering designation							
Dust removal system TE DRS-B box		■	■	■		1 pc	365945
Supply cord TE 3000-AVR GB 230V					■	1 pc	414105
Trolley TE 3000-AVR					■	1 pc	401293
TE DRS-B		■	■	■		1 pc	365944

Total performance.

MORE THAN THE SUM OF ITS PARTS.

Hilti power tools and equipment are developed side-by-side and are perfectly matched. This provides users with the best possible service life and productivity.



1+1=3

Total performance.

Hilti tools + Hilti accessories.

Count on Hilti.

Percussion core bits TE-Y BK

Dry coring Ø 45–150 mm and socket cutting into non-reinforced concrete and masonry provided by:

- New design enabling up to 30 % more lifetime to competition.
- Ideal corbide position for easy core disposal.
- Dust free drilling with DRS system.

Polygon chisels TE-Y

Demolition, corrective chiseling, openings, smoothing concrete surfaces after pouring concrete and many other applications with Polygon chisel portfolio:

- Self sharpening effect.
- Reduced sticking and better breaking effect.
- Rubber cup protects tool chuck from dust.

Bell-shaped breach bits TE-Y GB

Effective through hole drilling Ø 40–80 mm into non-reinforced concrete and masonry:

- Carbide-tipped ring cutting head with centering pin.
- Helix over the full working length.
- Two part design for easy servicing.





Hammer drill bits TE-YX / TE-Y

Drilling holes Ø 12–40 mm for chemical anchors, post-installed rebar connections, medium and heavy-duty anchors and through holes:

- Solid carbide and 4 cutting edges (TE-YX).
- Carbide plate tip and 2 cutting edges (TE-Y).
- 4-way helix (TE-YX) / 2-way helix (TE-Y).

Hollow drill bits TE-YD

Drilling holes Ø 16–32 mm/up to 1 mtr working length for chemical anchors and post-installed rebar connections. TE-YD hollow drill bits make subsequent hole cleaning completely unnecessary thanks to automatic cleaning solution:

- Full carbide head embedded into the tube.
- Hollow tube for dust transportation.
- Red adapter for connection to the vacuum cleaner.



Hammer drill bit TE-CD



reddot design award
best of the best 2013



Applications

- Drilling holes for anchoring structural steel connections (e.g. steel columns, beams)

Advantages

- Drilling and hole cleaning in one step

Ordering designation	Diameter	Working length	Length	Sales pack quantity	Item number
TE-CD 12/33	12 mm	200 mm	330 mm	1 pc	2018940 ¹⁾
TE-CD 14/37	14 mm	240 mm	360 mm	1 pc	2018942 ¹⁾
TE-CD 16/37	16 mm	240 mm	360 mm	1 pc	2018945 ¹⁾
TE-CD 18/37	18 mm	240 mm	360 mm	1 pc	2018946 ¹⁾

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

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

Ordering designation	Working length	Length	Sales pack quantity	Item number
TE-CX 6/32	250 mm	320 mm	1 pc	409172 ¹⁾
TE-CX 7/17	100 mm	170 mm	1 pc	409174 ¹⁾
TE-CX 8/12	50 mm	120 mm	1 pc	409175 ¹⁾
TE-CX 8/17	100 mm	170 mm	1 pc	409177
TE-CX 8/22	150 mm	220 mm	1 pc	409176
TE-CX 8/27	200 mm	270 mm	1 pc	409178 ¹⁾
TE-CX 8/32	250 mm	320 mm	1 pc	409179 ¹⁾
TE-CX 8/47	400 mm	470 mm	1 pc	409181 ¹⁾
TE-CX 8,5/17	100 mm	170 mm	1 pc	409183 ¹⁾
TE-CX 9/17	100 mm	170 mm	1 pc	409185 ¹⁾
TE-CX 9/22	150 mm	220 mm	1 pc	409186 ¹⁾
TE-CX 10/12	50 mm	120 mm	1 pc	409187 ¹⁾
TE-CX 10/17	100 mm	170 mm	1 pc	409188
TE-CX 10/22	150 mm	220 mm	1 pc	409189
TE-CX 10/27	200 mm	270 mm	1 pc	409190
TE-CX 10/37	300 mm	370 mm	1 pc	409191
TE-CX 10/47	400 mm	470 mm	1 pc	409192
TE-CX 10/61	540 mm	610 mm	1 pc	409193
TE-CX 10,5/17	100 mm	170 mm	1 pc	409194 ¹⁾
TE-CX 11/22	150 mm	220 mm	1 pc	409195

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Please visit our website for the latest item numbers and related products.

Ordering designation	Working length	Length	Sales pack quantity	Item number
TE-CX 12/17	100 mm	170 mm	1 pc	409197
TE-CX 12/22	150 mm	220 mm	1 pc	409198
TE-CX 12/27	200 mm	270 mm	1 pc	409199
TE-CX 12/37	300 mm	370 mm	1 pc	409200 ¹⁾
TE-CX 12/47	400 mm	470 mm	1 pc	409201
TE-CX 12/61	540 mm	610 mm	1 pc	409202 ¹⁾
TE-CX 14/17	100 mm	170 mm	1 pc	409205
TE-CX 14/22	150 mm	220 mm	1 pc	409206
TE-CX 14/27	200 mm	270 mm	1 pc	409207
TE-CX 14/37	300 mm	370 mm	1 pc	409208 ¹⁾
TE-CX 14/47	400 mm	470 mm	1 pc	409209 ¹⁾
TE-CX 15/17	100 mm	170 mm	1 pc	409211
TE-CX 15/27	200 mm	270 mm	1 pc	409212
TE-CX 16/17	100 mm	170 mm	1 pc	409214
TE-CX 16/22	150 mm	220 mm	1 pc	409215
TE-CX 16/27	200 mm	270 mm	1 pc	409216
TE-CX 16/47	400 mm	470 mm	1 pc	409217
TE-CX 16/61	540 mm	610 mm	1 pc	409218 ¹⁾
TE-CX 17/22	150 mm	220 mm	1 pc	409219 ¹⁾
TE-CX 18/22	150 mm	220 mm	1 pc	421956
TE-CX 18/32	250 mm	320 mm	1 pc	421960
TE-CX 18/48	410 mm	480 mm	1 pc	421961
TE-CX 20/22	150 mm	220 mm	1 pc	421963
TE-CX 20/32	250 mm	320 mm	1 pc	421965
TE-CX 20/48	410 mm	480 mm	1 pc	421966
TE-CX 22/27	200 mm	270 mm	1 pc	421968
TE-CX 22/48	410 mm	480 mm	1 pc	421969
TE-CX 24/27	200 mm	270 mm	1 pc	421971
TE-CX 25/27	200 mm	270 mm	1 pc	421977
TE-CX 25/48	410 mm	480 mm	1 pc	422660
TE-CX 28/27	200 mm	270 mm	1 pc	421981
TE-CX 28/48	410 mm	480 mm	1 pc	421983
TE-CX 5/12 MP8	50 mm	120 mm	8 pc	2021990
TE-CX 5/15 MP8	80 mm	150 mm	8 pc	2021991
TE-CX 5/17 MP8	100 mm	170 mm	8 pc	2021992 ¹⁾
TE-CX 5/22 MP8	150 mm	220 mm	8 pc	2021993 ¹⁾
TE-CX 5.5/12 MP8	50 mm	120 mm	8 pc	2021994 ¹⁾
TE-CX 6/12 MP8	50 mm	120 mm	8 pc	2021997
TE-CX 6/17 MP8	100 mm	170 mm	8 pc	2021998
TE-CX 6/22 MP8	150 mm	220 mm	8 pc	2021999

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Hammer drill bit 3/16" - 3/8" TE-CX



Applications

- Drilling anchor holes in reinforced and unreinforced concrete
- Drilling holes for post-installed rebar connections

Advantages

- Anchor suitability indicator on the head helps ensure trouble-free anchor installation - holes are accurate so long as the wear mark is visible
- In the unlikely event of breakage, the drill bit will be replaced as long as the wear mark on the helix is still visible
- Solid carbide head with four carbide cutting edges and innovative X-geometry for optimum material removal

Technical data

Working length	241 mm
Length	305 mm

Ordering designation	12.7 mm	Sales pack quantity	Item number
TE-CX 1/2"-12"		1 pc	435013

Please visit our website for the latest item numbers and related products.

Bell-shaped bit TE-C-GB



Applications

- Drilling large holes in concrete and masonry

Advantages

- Carbide-tipped, cruciform head with large helix

Technical data

Working length	350 mm
Length	450 mm

Ordering designation	Diameter	Sales pack quantity	Item number
TE-C GB 30/45-11/8"	30 mm	1 pc	220629 ¹⁾
TE-C GB 32/45-1 1/4"	32 mm	1 pc	220630 ¹⁾
TE-C GB 38,5/45-1 1/2"	38.5 mm	1 pc	220631 ¹⁾

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Hammer drill bit TE-C



Applications

- Drilling holes for metal and plastic anchors

Advantages

- 2 cutting edges with direct helix transition for faster and more constant drilling progress
- Optimized tip geometry and rugged helix transition for longer lifetime
- Ideal for use with a wide range of light-duty power tools

Ordering designation	Working length	Length	Sales pack quantity	Item number
5 mm				
TE-C 5/11	50 mm	110 mm	1 pc	2037003
TE-C 5/11 MP8	50 mm	110 mm	8 pc	2037053
TE-C 5/16	100 mm	160 mm	1 pc	2037004
TE-C 5/16 MP8	100 mm	160 mm	8 pc	2037054
5.5 mm				
TE-C 5,5/16	100 mm	160 mm	1 pc	2037006
6 mm				
TE-C 6/11 MP8	50 mm	110 mm	8 pc	2037056
TE-C 6/16	100 mm	160 mm	1 pc	2037008
TE-C 6/16 MP8	100 mm	160 mm	8 pc	2037057
6.5 mm				
TE-C 6,5/11	50 mm	110 mm	1 pc	2037011
TE-C 6,5/16	100 mm	160 mm	1 pc	2037012
8 mm				
TE-C 8/11 MP8	50 mm	110 mm	8 pc	2037063
TE-C 8/16	100 mm	160 mm	1 pc	2037017
TE-C 8/16 MP8	100 mm	160 mm	8 pc	2037064
10 mm				
TE-C 10/16	100 mm	160 mm	1 pc	2037022
TE-C 10/16 MP8	100 mm	160 mm	8 pc	2037068
TE-C 10/21	150 mm	210 mm	1 pc	2037023 ¹⁾
12 mm				
TE-C 12/16	100 mm	160 mm	1 pc	2037029
TE-C 12/16 MP8	100 mm	160 mm	8 pc	2037072
14 mm				
TE-C 14/16	100 mm	160 mm	1 pc	2037036
TE-C 14/21	150 mm	210 mm	1 pc	2037037
15 mm				
TE-C 15/16	100 mm	160 mm	1 pc	2037041
16 mm				
TE-C 16/16	100 mm	160 mm	1 pc	2037042
TE-C 16/21	150 mm	210 mm	1 pc	2037043

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Please visit our website for the latest item numbers and related products.

Hammer drill bit TE-YD



SDS max


product
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2013

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Applications

- Drilling holes for anchoring structural steel connections (e.g. steel columns, beams)

Advantages

- Drilling and hole cleaning in one step

Technical data

Working length	400 mm
Length	590 mm

Ordering designation	Diameter	Sales pack quantity	Item number
TE-YD 20/59	20 mm	1 pc	2018959 ¹⁾
TE-YD 25/59	25 mm	1 pc	2018962 ¹⁾
TE-YD 32/59	32 mm	1 pc	2018966 ¹⁾

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Hammer drill bit TE-YX



SDS max



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	Working length	Length	Sales pack quantity	Item number
12 mm				
TE-YX 12/35	200 mm	350 mm	1 pc	206499
TE-YX 12/35	200 mm	350 mm	1 pc	333753
TE-YX 12/55	400 mm	550 mm	1 pc	206500
TE-YX 12/55	400 mm	550 mm	1 pc	333754
TE-YX 12/67	520 mm	670 mm	1 pc	206501 ¹⁾
14 mm				
TE-YX 14/35	200 mm	350 mm	1 pc	206502
TE-YX 14/35	200 mm	350 mm	1 pc	333756
TE-YX 14/55	400 mm	550 mm	1 pc	206503
TE-YX 14/55	400 mm	550 mm	1 pc	333757
15 mm				
TE-YX 15/35	200 mm	350 mm	1 pc	206504
TE-YX 15/35	200 mm	350 mm	1 pc	333758
TE-YX 15/55	400 mm	550 mm	1 pc	206505
TE-YX 15/55	400 mm	550 mm	1 pc	333759
16 mm				
TE-YX 16/35	200 mm	350 mm	1 pc	206506
TE-YX 16/35	200 mm	350 mm	1 pc	333760
TE-YX 16/55	400 mm	550 mm	1 pc	206507
TE-YX 16/55	400 mm	550 mm	1 pc	333761
TE-YX 16/92	770 mm	920 mm	1 pc	206508
TE-YX 16/92	800 mm	920 mm	1 pc	370564

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Please visit our website for the latest item numbers and related products.

Ordering designation	Working length	Length	Sales pack quantity	Item number
18 mm				
TE-YX 18/32	200 mm	320 mm	1 pc	293052
TE-YX 18/52	400 mm	520 mm	1 pc	293053
TE-YX 18/92	800 mm	920 mm	1 pc	293054 ¹⁾
TE-YX 18/130	1170 mm	1300 mm	1 pc	293140 ¹⁾
20 mm				
TE-YX 20/32	200 mm	320 mm	1 pc	293141
TE-YX 20/52	400 mm	520 mm	1 pc	293142
TE-YX 20/92	800 mm	920 mm	1 pc	293143
TE-YX 20/130	1150 mm	1300 mm	1 pc	293148 ¹⁾
22 mm				
TE-YX 22/32	200 mm	320 mm	1 pc	293161
TE-YX 22/52	400 mm	520 mm	1 pc	293167
TE-YX 22/92	800 mm	920 mm	1 pc	293177 ¹⁾
TE-YX 22/130	1170 mm	1300 mm	1 pc	293180 ¹⁾
24 mm				
TE-YX 24/32	200 mm	320 mm	1 pc	293182
TE-YX 24/52	400 mm	520 mm	1 pc	293193
25 mm				
TE-YX 25/32	200 mm	320 mm	1 pc	293210
TE-YX 25/52	400 mm	520 mm	1 pc	293217
TE-YX 25/92	800 mm	920 mm	1 pc	293229
TE-YX 25/130	1150 mm	1300 mm	1 pc	293230 ¹⁾
28 mm				
TE-YX 28/32	200 mm	320 mm	1 pc	293233
TE-YX 28/52	400 mm	520 mm	1 pc	293235
TE-YX 28/92	800 mm	920 mm	1 pc	293236 ¹⁾
30 mm				
TE-YX 30/37	250 mm	370 mm	1 pc	293239
TE-YX 30/57	450 mm	570 mm	1 pc	293258
TE-YX 30/92	800 mm	920 mm	1 pc	293259 ¹⁾
TE-YX 30/130	1150 mm	1300 mm	1 pc	293286 ¹⁾
32 mm				
TE-YX 32/37	250 mm	370 mm	1 pc	293408
TE-YX 32/57	450 mm	570 mm	1 pc	293409
TE-YX 32/92	800 mm	920 mm	1 pc	293410
TE-YX 32/130	1150 mm	1300 mm	1 pc	293411 ¹⁾
35 mm				
TE-YX 35/57	450 mm	570 mm	1 pc	293412
37 mm				
TE-YX 37/37	250 mm	370 mm	1 pc	293413 ¹⁾
TE-YX 37/57	450 mm	570 mm	1 pc	293415
TE-YX 37/92	800 mm	920 mm	1 pc	293416
TE-YX 37/130	1150 mm	1300 mm	1 pc	293417 ¹⁾
40 mm				
TE-YX 40/57,1 9/16"-23"	450 mm	570 mm	1 pc	293421
TE-YX 40/92	800 mm	920 mm	1 pc	293422

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Please visit our website for the latest item numbers and related products.

Hammer drill bit 1/2" - 5/8" TE-YX



SDS max



Applications

- Drilling holes for chemical anchors

Advantages

- Solid metal carbide head provides top performance and reliability with less jamming when rebar hits occur

Technical data

Working length	203 mm
Length	356 mm

Ordering designation	Diameter	Sales pack quantity	Item number
TE-YX 1/2"-14"	12.7 mm	1 pc	206509
TE-YX 1/2"-14"	12.7 mm	1 pc	378371

Percussion core bit TE-Y-BK



SDS max



Applications

- Socket cutting

Advantages

- Easy socket cutting and drilling penetrations in masonry

Ordering designation	Diameter	Working length	Length	Sales pack quantity	Item number
TE-Y-BK 50/290	50 mm	170 mm	290 mm	1 pc	2006303 ¹⁾
TE-Y-BK 68/290	68 mm	170 mm	290 mm	1 pc	2006307 ¹⁾
TE-Y-BK 68/550	68 mm	430 mm	550 mm	1 pc	2006308 ¹⁾
TE-Y-BK 82/550	82 mm	430 mm	550 mm	1 pc	2006310 ¹⁾

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Bell-shaped bit TE-Y GB



SDS max



Applications

- Drilling large penetrations in concrete and masonry

Advantages

- Brazed carbide tips

Ordering designation	Diameter	Working length	Length	Sales pack quantity	Item number
TE-Y GB 40/59-1 1/2"	40 mm	450 mm	590 mm	1 pc	220609
TE-Y GB 40/92-1 1/2"	40 mm	780 mm	920 mm	1 pc	220610
TE-Y GB 45/59-1 3/4"	45 mm	450 mm	590 mm	1 pc	220611 ¹⁾
TE-Y GB 45/92-1 3/4"	45 mm	780 mm	920 mm	1 pc	220612 ¹⁾
TE-Y GB 55/59-2"	55 mm	450 mm	590 mm	1 pc	28903 ¹⁾
TE-Y GB 55/92-2"	55 mm	780 mm	920 mm	1 pc	28904 ¹⁾
TE-Y GB 66/59-2 1/2"	66 mm	450 mm	590 mm	1 pc	28366 ¹⁾
TE-Y GB 66/92-2 1/2"	66 mm	780 mm	920 mm	1 pc	28421 ¹⁾
TE-Y GB 80/63-3 1/8"	80 mm	450 mm	630 mm	1 pc	28367 ¹⁾

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Please visit our website for the latest item numbers and related products.

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	Sales pack quantity	Item number
TE-Y SKHM	1 pc	62893

Joint chisel TE-Y FGM



Applications

- Removing mortar between bricks

Advantages

- Carbide tips for fast mortar removal

Technical data

Width	38 mm
Length	280 mm

Ordering designation	Sales pack quantity	Item number
TE-Y FGM 6.5/28	1 pc	1929 ¹⁾

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Universal tool shank TE-S SS



Applications

- For use with tamping and bushing tools

Advantages

- Interchangeable with bushing or tamping tool

Technical data

Length	298 mm
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Ordering designation	Sales pack quantity	Item number
TE-S SS 450	1 pc	406786 ¹⁾

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Please visit our website for the latest item numbers and related products.

Narrow-flat chisel TE-SP FM



Applications

- Breaking

Advantages

- Innovative design with self-sharpening blade

Ordering designation	Length	Sales pack quantity	Item number
TE-SP FM36	360 mm	1 pc	376495
TE-SP FM 36	360 mm	1 pc	406770
TE-SP FM50	500 mm	1 pc	376496
TE-SP FM 50	500 mm	1 pc	406771 ¹⁾
TE-SP FM 70	700 mm	1 pc	406772 ¹⁾

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.



Wide-flat chisel TE-SP SPM



Applications

- Chipping

Advantages

- Innovative design with self-sharpening blade

Ordering designation	Length	Width	Sales pack quantity	Item number
TE-SP SPM 5/36	360 mm	50 mm	1 pc	376498
TE-SP SPM 5/36	360 mm	50 mm	1 pc	406773 ¹⁾
TE-SP SPM 8/36	360 mm	80 mm	1 pc	376500
TE-SP SPM 5/50	500 mm	50 mm	1 pc	376499
TE-SP SPM 5/50	500 mm	50 mm	1 pc	406774 ¹⁾
TE-SP SPM 8/50	500 mm	80 mm	1 pc	376501
TE-SP SPM 8/50	500 mm	80 mm	1 pc	406776 ¹⁾
TE-SP SPM 12/50	500 mm	120 mm	1 pc	376503
TE-SP SPM 12/50	500 mm	120 mm	1 pc	406778 ¹⁾

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.



Pointed chisel TE-SP SM



Applications

- Breaking

Advantages

- Innovative Hilti Polygon design with self-sharpening tip profile

Ordering designation	Length	Sales pack quantity	Item number
TE-SP SM36	360 mm	1 pc	376492
TE-SP SM 36 set	360 mm	1 pc	377429
TE-SP SM 36	360 mm	1 pc	406765
TE-SP SM50	500 mm	1 pc	376493
TE-SP SM 50 set	500 mm	1 pc	377430
TE-SP SM 50	500 mm	1 pc	406766
TE-SP SM70	700 mm	1 pc	376494
TE-SP SM 70	700 mm	1 pc	406767 ¹⁾

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.



Please visit our website for the latest item numbers and related products.

Pointed chisel TE-CP-SM

SDS plus

**Applications**

- Light chiseling work

Advantages

- Innovative Hilti Polygon design with self-sharpening tip profile

Ordering designation	Length	Sales pack quantity	Item number
TE-CP SM 18	180 mm	1 pc	282298 ¹⁾
TE-CP SM 25	250 mm	1 pc	282299

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Narrow-flat chisel TE-CP-FM

SDS plus

**Applications**

- Chipping

Advantages

- Innovative design with self-sharpening tip profile

Technical data

Width	15 mm
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Ordering designation	Length	Sales pack quantity	Item number
TE-CP FM 18	180 mm	1 pc	282300 ¹⁾
TE-CP FM 25	250 mm	1 pc	282301

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Wide-flat chisel TE-CP-SPM

SDS plus

**Applications**

- Chipping

Advantages

- Innovative design with self-sharpening tip profile

Technical data

Width	60 mm
-------	-------

Ordering designation	Length	Sales pack quantity	Item number
TE-CP SPM 6/18	180 mm	1 pc	282302 ¹⁾
TE-CP SPM 6/25	250 mm	1 pc	282303 ¹⁾

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Please visit our website for the latest item numbers and related products.

Wide-flat chisel TE-CP-SPME



SDS plus

Applications

- Smoothing

Advantages

- Ground on one side



Technical data

Length	180 mm
--------	--------

Ordering designation	Width	Sales pack quantity	Item number
TE-CP SPME 4/18	40 mm	1 pc	282304
TE-CP SPME 6/18	60 mm	1 pc	282305 ¹⁾

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Wide-flat chisel/scrapper TE-CP-SPMK



SDS plus

Applications

- Chipping

Advantages

- Consistently high performance over the entire service life of the chisel



Technical data

Width	40 mm
Length	180 mm

Ordering designation	Sales pack quantity	Item number
TE-CP-SPMK 4/18	1 pc	282307 ¹⁾

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Pointed chisel TE-YP-SM



SDS max



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winner 2007

Applications

- Breaking

Advantages

- Innovative Hilti Polygon design with self-sharpening tip profile



Ordering designation	Length	Sales pack quantity	Item number
TE-YP SM 28	280 mm	1 pc	282263
TE-YP SM 36	360 mm	1 pc	282264
TE-YP 6 set	360 mm	1 pc	282282
TE-YP SM 50	500 mm	1 pc	282265
TE-YP 7 set	500 mm	1 pc	282283
TE-YP SM 70	700 mm	1 pc	282266

Please visit our website for the latest item numbers and related products.

Narrow-flat chisel TE-YP-FM



Applications

- Breaking

Technical data

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

Advantages

- Innovative design with self-sharpening tip profile

Ordering designation	Length	Sales pack quantity	Item number
TE-YP FM 28	280 mm	1 pc	282267 ¹⁾
TE-YP FM 36	360 mm	1 pc	282268
TE-YP FM 50	500 mm	1 pc	282269
TE-YP FM 70	700 mm	1 pc	282270 ¹⁾

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

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 pc	282271 ¹⁾
TE-YP SPM 8/28	280 mm	80 mm	1 pc	282272 ¹⁾
TE-YP SPM 5/36	360 mm	50 mm	1 pc	282273
TE-YP SPM 12/36	360 mm	120 mm	1 pc	282274 ¹⁾
TE-YP SPM 12/50	500 mm	120 mm	1 pc	282275 ¹⁾

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Wide-flat chisel/scrapper TE-YP-SPMK



Applications

- Smoothing concrete surfaces after pouring concrete

Advantages

- Innovative design with self-sharpening blade

Technical data

Width	120 mm
Length	500 mm

Ordering designation	Sales pack quantity	Item number
TE-YP SPMK 12/50	1 pc	282276 ¹⁾

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Please visit our website for the latest item numbers and related products.

Pointed chisel TE-H17P SM



Ordering designation	Length	Sales pack quantity	Item number
TE-H17P SM 28	280 mm	1 pc	383451
TE-H17P SM 45	450 mm	1 pc	383452

Narrow-flat chisel TE-H17P FM



Technical data

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

Ordering designation	Length	Sales pack quantity	Item number
TE-H17P FM 28	280 mm	1 pc	383453
TE-H17P FM 45	450 mm	1 pc	383454

Wide-flat chisel TE-H17P SPM



Ordering designation	Length	Width	Sales pack quantity	Item number
TE-H17P SPM 5/28	280 mm	50 mm	1 pc	383455 ¹⁾
TE-H17P SPM 8/36	360 mm	80 mm	1 pc	383456 ¹⁾

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Channel chisel TE-H17 KM



Technical data

Length	280 mm
--------	--------

Ordering designation	Width	Sales pack quantity	Item number
TE-H17 KM 2.2/30	22 mm	1 pc	383457 ¹⁾
TE-H17 KMG 3.6/30	36 mm	1 pc	383459 ¹⁾

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Universal shank TE-H17 SS

Ordering designation	Sales pack quantity	Item number
TE-H17 SS 28	1 pc	383460 ¹⁾

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Please visit our website for the latest item numbers and related products.

Pointed chisel TE-H28P SM



Applications

- Heavy demolition in concrete

Advantages

- Fast and powerful penetration

Ordering designation	Length	Sales pack quantity	Item number
TE-H28P SM 40	400 mm	1 pc	417824
TE-H28P SM 40 MP4	400 mm	4 pc	417832
TE-H28P SM 50	500 mm	1 pc	417825 ¹⁾

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Narrow-flat chisel TE-H28P FM



Applications

- Controlled concrete demolition

Advantages

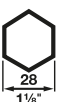
- Unmatched working length

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	Sales pack quantity	Item number
TE-H28P SPM 8/40	1 pc	417828 ¹⁾

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Please visit our website for the latest item numbers and related products.





Cordless Systems

Hilti. Outperform. Outlast.



Introduction

Application Overview for Cordless Systems

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Drill Driver, Impact Driver and Impact Wrench

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Rotary Hammer

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Combi Hammer

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Reciprocating Saw

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Circular Saw

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Angle Grinder

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Dispenser

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Batteries, Chargers and Accessories

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Voltages that meet your requirements perfectly.

14 and 22 volts – all with one charger.

Hilti Lithium CPC batteries, tools and chargers incorporate one of the most advanced lithium-ion battery technologies available today. Designed down to the last detail for maximum performance and capacity, these cordless tool systems are also built to last.



14 volt B 14 1.6 Li-Ion



SFC 14-A cordless compact drill driver

22 volt B 22 1.6/3.3 Li-Ion



TE 2-A22 cordless rotary hammer



TE 4-A22 cordless rotary hammer



SFC 22-A cordless compact drill driver



SFH 22-A cordless hammer drill driver



SIW 22-A cordless impact wrench



SIW 22T-A cordless impact wrench



SID 22-A cordless impact driver



WSR 22-A cordless reciprocating saw



SCW 22-A cordless circular saw



AG 125-A22 cordless angle grinder

36 Volt B 36 3.0 Li-Ion



TE 6-A36-AVR cordless rotary hammer



WSR 36-A cordless reciprocating saw

36 Volt B 36 6.0 Li-Ion



TE 30-A36 cordless combihammer

Make it fit.

Choose the right tools and accessories for your needs.

Now you can select only the items you really need. Buy the tool without a battery or buy batteries and chargers separately. Exactly as you please, exactly to meet your needs.



Make it fit.



Choose your combination from 3 different product categories.

Category 1: Standard single tool combo

Buy the selected tool in a standard set (with 2 batteries and a charger in a toolbox).



Tool combo

Category 2: Individual items

Choose individual items to suit your needs.



Tool

Battery

Charger

Inserts

Category 3: Custom tool kits

Combine 2 or more tools in one package according to your needs.



Tools from the selector chart

Battery

Charger

Inserts

Overview cordless tools



Impact drivers	SID 22-A	SIW 22-A	SIW 22T-A
	Impact driver	Impact wrench	Impact wrench
Rated voltage	21.6V	21.6V	21.6V
Battery type	B22/1.6 Li-ion (B22/3.3 Li-ion)	B22/3.3 Li-ion	B22/3.3 Li-ion
Technical Features			
Max. speed (rpm)	2500 (rpm)	2300 (rpm)	2000 (rpm)
Max. torque (Nm) (hard joint)	165 Nm	200 Nm	450 Nm
Hammering Speed (bpm)	3450 (bpm)	3500 (bpm)	2500 (bpm)
Chuck style	1/4"	1/2"	1/2" / 3/4"
Weight	1.5 kg / 1.7 kg	1.5 kg / 1.7 kg	3.0 kg
Applications			
Screwdriving	■		
Bolting		■	■
Fastening	■	■	
Driving HRD plastic frame anchors	■ 8/10	■ 8/10	■
Driving HUS screw anchors	■ HUS 6-8	■ HUS 6-8	■ HUS 8-14
Driving HCA coil anchors			■
Tightening nuts and bolts		■ M6-16 exc. serial applications (M6)	■ M12-M24
Lag bolts / Spax screws	■ 10 mm	■ 10 mm	■
Self-drilling/tapping screws	■		
Drilling in wood with spade and auger bits	■		
Assembling steel profiles, timber or pre-cast concrete components			■



Overview cordless tools



Drill drivers	SFC 14-A	SFC 22-A	SFH 22-A
	Cordless compact drill driver	Cordless compact drill driver	Cordless hammer drill driver
Rated voltage	14.4V	21.6V	21.6V
Battery type	B14/1.6 Li-ion (B14/3.3 Li-ion)	B22/1.6 Li-ion (B22/3.3 Li-ion)	B22/3.3 Li-ion
Technical Features			
Max. speed (rpm)	1700 (rpm)	1800 (rpm)	2140 (rpm)
Max. torque (Nm) (hard joint)	45 Nm	55 Nm	84 Nm
Hammering Speed (bpm)			39600 (bpm)
Chuck style	Keyless chuck	Keyless chuck	Keyless chuck
Weight	1.5 kg / 1.7 kg	1.7 kg / 1.9 kg	2.6 kg
Applications			
Hole sawing in wood	■	■	■
Driving wood screws	■	■	■
Driving steel screws	■	■	■
Driving anchor screws	■	■	■
Self-drilling/tapping screws	■	■	■
Drilling in wood with auger bits	■	■	■
Drilling in steel	■	■	■
Hammer drilling in brick, masonry and soft concrete			■



Cordless compact drill driver SFC 14-A



Applications

- Hole sawing up to 68 mm diameter
- Driving screws up to 6 mm diameter in wood
- Drilling with auger and spade bits up to 20 mm diameter in wood
- Driving screws for plastic anchors up to 8 mm diameter
- Drilling with HSS bits up to 10 mm diameter in metal
- Driving self-tapping screws up to 4.8 mm diameter in metal

Advantages

- Very compact design for best-possible access in tight corners
- Precision clutch for delicate screwdriving jobs
- High, precisely controllable drilling and screwdriving speed up to 1,700 /min.
- Perfect illumination of the work area thanks to built-in LED lamp
- Compact and durable Hilti Lithium CPC battery for high performance and long life
- Ergonomically designed grip for maximum working comfort

Technical data

Voltage	14 V
Battery capacity	1.6 Ah
Tool chuck type	3-jaw chuck, 1.5 - 13 mm
Max. torque hard joint	45 Nm
Max. torque (soft joint)	24 Nm
Torque range (adjustable)	2 - 10 Nm
Dimensions (LxWxH)	192 x 80 x 225 mm
Weight according to EPTA Procedure 01/2003	1.5 kg
Chuck functionality	Keyless
Brushless motor	No



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Ordering designation	Package contents	Sales pack quantity	Item number
SFC 14-A Tool Body with Inserts	1x Cordl. compact drill driver SFC 14-A CE, 1x Case, 5x Bit box S-B PH2/PZD2, 1x Twist drill bit HSS 2-8 Set	1 pc	3520549

Please visit our website for the latest item numbers and related products.

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
- Drilling with auger and spade bits up to 26 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 with HSS bits 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	1.6 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 level¹⁾	69 dB (A)

¹⁾ according to EN 60745



reddot design award
honourable mention 2011

2011



Ordering designation	Package contents	Sales pack quantity	Item number
SFC 22-A Tool Body with Inserts	1x Cordl. compact drill driver SFC 22-A CE, 1x Case, 5x Bit box S-B PH2/PZD2, 1x Twist drill bit HSS 2-8 Set	1 pc	3520548

Please visit our website for the latest item numbers and related products.

Cordless hammer drill driver SFH 22-A



Applications

- Hammer drilling in diameters up to 14 mm in brick, masonry, sand-lime block and aerated concrete
- Driving heavy-gauge wood screws
- Drilling with auger and spade bits up to 32 mm dia. in wood
- 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 2,140 rpm for fast drilling in steel and unbeaten hammer drilling speed in 3rd gear
- Accurate charge status display
- Extremely tough and impact-resistant, glass-fibre-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



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Ordering designation	Package contents	Sales pack quantity	Item number
SFH 22-A Tool Body with Inserts	1x Cordl. ham. dr. driver SFH 22-A CE/JP, 1x Case, 5x Bit box S-B PH2/PZD2, 1x Twist drill bit HSS 2-8 Set	1 pc	3520550

Please visit our website for the latest item numbers and related products.

Cordless impact screwdriver SID 22-A



Applications

- Driving HUS screw anchors up to 6mm in masonry and concrete
- Driving 8 mm and 10 mm HRD frame anchors in masonry and concrete
- Driving self-drilling and self-tapping screws up to 4.8 mm in steel
- Drilling in wood with WDB-S spade bits
- Drilling in metal with HSS hex-shank drill bits up to 6mm in diameter

Advantages

- Compact design allows easy use in tight corners and wherever space is limited
- Perfect balance and low weight
- Brushless motor for long lifetime and more work per charge
- 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
- Very compact and rugged Hilti Lithium CPC battery for high performance and long life

Technical data

Voltage	22 V
Battery capacity	1.6 Ah
Tool chuck type	1/4 in hexagonal
Full hammering frequency	3450 impacts/minute
Dimensions (LxWxH)	151 x 94 x 228 mm
Weight according to EPTA Procedure 01/2003	1.5 kg
Brushless motor	Yes
A-weighted emission sound pressure level¹⁾	86 dB (A)
Active Torque Control	No
Active Vibration Reduction	No

¹⁾ according to EN 60745



reddot design award
winner 2012

Ordering designation	Package contents	Sales pack quantity	Item number
SID 22-A Cas	1x Cordl. impact screwdriver SID 22-A, 1x Case	1 pc	2006081

Please visit our website for the latest item numbers and related products.

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

Technical data

Voltage	22 V
Battery capacity	1.6 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
Brushless motor	Yes
A-weighted emission sound pressure level¹⁾	86 dB (A)
Active Torque Control	No

¹⁾ according to EN 60745



reddot design award
winner 2012

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

Please visit our website for the latest item numbers and related products.

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
- Installing HCA coil anchors in concrete
- 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
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
Brushless motor	No
Active Torque Control	No
Active Vibration Reduction	No
Adjustable torque	No









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winner 2010

Ordering designation	Package contents	Sales pack quantity	Item number
SIW 22T-A Tool Body with Inserts	1x Cordl. impact wrench SIW 22T-A assy, 1x Impact socket S-NSD 1/2"-13 S, 1x Impact socket S-NSD 1/2"-15 S, 1x Impact socket S-NSD 1/2"-13 L, 1x Impact socket S-NSD 1/2"-15 L, 1x Case	1 pc	409459

Please visit our website for the latest item numbers and related products.

Accessories for Drill Drivers, Impact Drivers and Impact Wrenches

		SFC 14-A	SFC 22-A	SFH 22-A	SID 22-A	SIW 22T-A	SIW 22-A	Sales pack quantity	Item number
Ordering designation									
Battery charger C 4/36-350 230V box		■	■	■	■	■	■	1 pc	2028876
Battery charger C 4/36-90 230V box		■	■	■	■	■	■	1 pc	2034530
Battery pack B 14/1.6 Li-Ion		■						1 pc	426174
Battery pack B 22/1.6 Li-Ion			■		■		■	1 pc	426177
Battery pack B 22/3.3 Li-Ion			■	■	■	■	■	1 pc	2007431
Toolbag large			■	■	■	■	■	1 pc	2008518

Bits metric HSS

Applications

- Drilling in unalloyed and medium-alloyed steel

Advantages

- High-speed steel drill bit with split point, 135° tip angle

Technical data

Base material	Metal, Steel, Medium alloyed steel, Unalloyed steel, Aluminium
Material coating/plating/finish	HSS M2 steel
Tool type	SF 14-A, SF 22-A, SFC 14-A, SFC 22-A, UD 30, SFH 14-A, SFH 22-A, UD 16, UH 700

Ordering designation	Diameter	Length	Working length	Sales pack quantity	Item number
HSS 3.0x61mm "MP10"	3 mm	61 mm	33 mm	10 pc	304903
HSS 3.2x65mm "MP10"	3.2 mm	65 mm	36 mm	10 pc	304904
HSS 3.5x70mm "MP10"	3.5 mm	70 mm	39 mm	10 pc	304908
HSS 4.0x75mm "MP10"	4 mm	75 mm	43 mm	10 pc	304910
HSS 4.2x75mm "MP10"	4.2 mm	75 mm	43 mm	10 pc	304912
HSS 4.75x86mm "MP10"	4.75 mm	86 mm	52 mm	10 pc	304915
HSS 5.0x86mm "MP10"	5 mm	86 mm	52 mm	10 pc	304916
HSS 5.5x93mm "MP10"	5.5 mm	93 mm	57 mm	10 pc	304920
HSS 6.0x93mm "MP10"	6 mm	93 mm	57 mm	10 pc	304923
HSS 6.5x101mm "MP10"	6.5 mm	101 mm	63 mm	10 pc	304924
HSS 7.0x109mm "MP10"	7 mm	109 mm	69 mm	10 pc	304925
HSS 8.0x117mm "MP10"	8 mm	117 mm	75 mm	10 pc	304927
HSS 9.0x125mm "MP10"	9 mm	125 mm	81 mm	10 pc	304929
HSS 10.0x133mm "MP10"	10 mm	133 mm	87 mm	10 pc	304931
HSS 11.0x142mm "MP5"	11 mm	142 mm	94 mm	5 pc	304933
HSS 12.0x151mm "MP5"	12 mm	151 mm	101 mm	5 pc	304935
HSS 13.0x151mm "MP5"	13 mm	151 mm	101 mm	5 pc	304937

Please visit our website for the latest item numbers and related products.

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, staircases, 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	1.6 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)	4 - 12 mm
Drilling diameter range for hammer drill bits	4 - 16 mm
Working mode	Hammer drilling, Drilling only
A-weighted emission sound pressure level ¹⁾	92 dB (A)

¹⁾ according to EN 60745



Ordering designation	Package contents	Sales pack quantity	Item number
TE2-A22 Tool Body with Inserts	1x Cordless rotary hammer TE 2-A22 assy, 1x Case, 1x Hammer drill bit TE-CX 8/17, 1x Hammer drill bit TE-CX 10/17, 1x Hammer drill bit TE-CX 12/17	1 pc	3520552

Please visit our website for the latest item numbers and related products.

Cordless rotary hammer TE 4-A22



Applications

- Drilling and hammer drilling in concrete and masonry
- Occasional drilling in wood and steel with optional chuck adapter
- Screwdriving using the special bit holder with TE-C (SDS Plus) connection end

Advantages

- High battery capacity - drills more holes per battery charge than other cordless rotary hammers in the same class
- Excellent performance-to-weight ratio and compact design
- Hilti CPC Li-ion technology featuring accurate battery charge status display and individual battery cell monitoring for maximum service life
- Forward / reverse switch with central locked position
- Ergonomically designed D-grip for comfortable use over long periods

Technical data

Rated voltage	21.6 V
Battery capacity	3.3 Ah
Single impact energy	2 J
Full hammering frequency	5200 impacts/minute
Weight according to EPTA Procedure 01/2003	3.3 kg
Dimensions (LxWxH)	324 x 94 x 201 mm
Hammer drill bits (optimum dia. range)	5 - 14 mm
Drilling diameter range for hammer drill bits	4 - 20 mm
Working mode	Hammer drilling, Drilling only
A-weighted emission sound pressure level ¹⁾	88 dB (A)

¹⁾ according to EN 60745



Ordering designation	Package contents	Sales pack quantity	Item number
TE4-A22 Tool Body with Inserts	1x Cordless rotary hammer TE 4-A22, 1x Case, 1x Hammer drill bit TE-CX 8/17, 1x Hammer drill bit TE-CX 10/17, 1x Hammer drill bit TE-CX 12/17	1 pc	3469716

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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	4 - 20 mm
Working mode	Hammer drilling, Drilling only
Active Vibration Reduction	Yes



Ordering designation	Package contents	Sales pack quantity	Item number
TE 6-A36-AVR Combo Set	1x Cordless rotary hammer TE 6-A36-AVR assy, 1x Case, 1x Battery charger C 4/36-350 230V , 2x Battery pack B 36/3.0 Li-Ion , 1x Hammer drill bit TE-CX 12/17, 1x Hammer drill bit TE-CX 10/17, 1x Hammer drill bit TE-CX 8/17	1 pc	3468963
TE 6-A36-AVR Combo Set with DRS	1x Cordless rotary hammer TE 6-A36-AVR assy, 1x Case, 1x Battery charger C 4/36-350 230V , 2x Battery pack B 36/3.0 Li-Ion , 1x TE DRS-6-A in cardboard box, 1x Hammer drill bit TE-CX 12/17, 1x Hammer drill bit TE-CX 10/17, 1x Hammer drill bit TE-CX 8/17	1 pc	3470314
TE 6-A36-AVR Tool Body with Inserts	1x Cordless rotary hammer TE 6-A36-AVR assy, 1x Case, 1x Hammer drill bit TE-CX 12/17, 1x Hammer drill bit TE-CX 10/17, 1x Hammer drill bit TE-CX 8/17	1 pc	3520664

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Accessories for Cordless Rotary Hammers

		TE 2-A22	TE 4-A22	TE 6-A36-AVR		
Ordering designation					Sales pack quantity	Item number
Angular chuck TE-AC 1				■	1 pc	272701
Battery charger C 4/36-350 230V box		■	■	■	1 pc	2028876
Battery charger C 4/36-90 230V box		■	■		1 pc	2034530
Battery pack B 22/1.6 Li-Ion		■			1 pc	426177
Battery pack B 22/3.3 Li-Ion		■	■		1 pc	2007431
Battery pack B 36/3.0 Li-Ion				■	1 pc	418009
Chuck spindle TE-C-BFH			■		1 pc	60459
Cordless lamp SFL 22-A box		■	■		1 pc	426117
Dust removal system TE DRS-6-A box				■	1 pc	2040914
Quick-release chuck 13			■		1 pc	60208
Quick-release chuck TE 2M/7C/7A/6A Li				■	1 pc	224119

Hammer drill bit TE-C



Applications

- Drilling holes for metal and plastic anchors

Advantages

- 2 cutting edges with direct helix transition for faster and more constant drilling progress
- Optimized tip geometry and rugged helix transition for longer lifetime
- Ideal for use with a wide range of light-duty power tools

Ordering designation	Working length	Length	Sales pack quantity	Item number
5 mm				
TE-C 5/11	50 mm	110 mm	1 pc	2037003
TE-C 5/11 MP8	50 mm	110 mm	8 pc	2037053
TE-C 5/16	100 mm	160 mm	1 pc	2037004
TE-C 5/16 MP8	100 mm	160 mm	8 pc	2037054
5.5 mm				
TE-C 5,5/16	100 mm	160 mm	1 pc	2037006
6 mm				
TE-C 6/11 MP8	50 mm	110 mm	8 pc	2037056
TE-C 6/16	100 mm	160 mm	1 pc	2037008
TE-C 6/16 MP8	100 mm	160 mm	8 pc	2037057
6.5 mm				
TE-C 6,5/11	50 mm	110 mm	1 pc	2037011
TE-C 6,5/16	100 mm	160 mm	1 pc	2037012
8 mm				
TE-C 8/11 MP8	50 mm	110 mm	8 pc	2037063
TE-C 8/16	100 mm	160 mm	1 pc	2037017
TE-C 8/16 MP8	100 mm	160 mm	8 pc	2037064
10 mm				
TE-C 10/16	100 mm	160 mm	1 pc	2037022
TE-C 10/16 MP8	100 mm	160 mm	8 pc	2037068
TE-C 10/21	150 mm	210 mm	1 pc	2037023 ¹⁾
12 mm				
TE-C 12/16	100 mm	160 mm	1 pc	2037029
TE-C 12/16 MP8	100 mm	160 mm	8 pc	2037072
14 mm				
TE-C 14/16	100 mm	160 mm	1 pc	2037036
TE-C 14/21	150 mm	210 mm	1 pc	2037037
15 mm				
TE-C 15/16	100 mm	160 mm	1 pc	2037041
16 mm				
TE-C 16/16	100 mm	160 mm	1 pc	2037042
TE-C 16/21	150 mm	210 mm	1 pc	2037043

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

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Cordless combihammer TE 30-A36



Applications

- Drilling anchor holes and through-holes in the 4 – 28 mm diameter range in concrete and masonry; recommended range 8 – 20 mm
- Drilling for non-structural rebar doweling, diameter range 4 - 28 mm, recommended range 8 - 20 mm
- Corrective chiselling

Advantages

- Cordless combihammer for higher productivity through greater mobility
- The unique Active Torque Control (ATC) stops the motor almost instantly if the bit binds and the housing begins to rotate too quickly, reducing the potential of sudden rotation of the combihammer about its own axis
- Active Vibration Reduction (AVR) system for the lowest vibration in its class
- Features a brushless motor for the highest performance in its class and superior system efficiency
- High battery capacity and powerful charger for short charging times, allowing a full day's work with just one battery

Technical data






Battery capacity	6 Ah
Single impact energy	3.6 J
Brushless motor	Yes
Dimensions (LxWxH)	423 x 111 x 231 mm
Hammer drill bits (optimum dia. range)	10 - 20 mm
Weight according to EPTA Procedure 01/2003	5.5 kg
Active Torque Control	Yes
Active Vibration Reduction	Yes
Approvals	Worldwide, CE, CSA
Battery charge status display	Yes



Ordering designation	Package contents	Sales pack quantity	Item number
TE 30-A36 Combo Set with 1 Battery Pack	1x Cordless combihammer TE 30-A36 , 1x Case, 1x Battery pack B 36/6.0 Li-Ion assy, 1x Battery charger C 4/36-350 230V , 1x Hammer drill bit TE-CX 12/27, 1x Hammer drill bit TE-CX 16/22	1 pc	3512649
TE 30-A36 Combo Set with 2 Battery Packs	1x Cordless combihammer TE 30-A36 , 1x Case, 2x Battery pack B 36/6.0 Li-Ion assy, 1x Battery charger C 4/36-350 230V , 1x Hammer drill bit TE-CX 12/27, 1x Hammer drill bit TE-CX 16/22	1 pc	3512648
TE 30-A36 Tool Body with Inserts	1x Cordless combihammer TE 30-A36 , 1x Case, 1x Hammer drill bit TE-CX 12/27, 1x Hammer drill bit TE-CX 16/22	1 pc	3520663

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Accessories for Cordless Combihammers

		TE 30-A36		
Ordering designation			Sales pack quantity	Item number
Battery charger C 4/36-350 230V box		■	1 pc	2028876
Battery pack B 36/6.0 Li-Ion		■	1 pc	2018896
Key-type chuck		■	1 pc	282342
Quick-release chuck TE 16/TE 30		■	1 pc	282341
Toolbag large		■	1 pc	2008518

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

Ordering designation	Working length	Length	Sales pack quantity	Item number
TE-CX 6/32	250 mm	320 mm	1 pc	409172 ¹⁾
TE-CX 7/17	100 mm	170 mm	1 pc	409174 ¹⁾
TE-CX 8/12	50 mm	120 mm	1 pc	409175 ¹⁾
TE-CX 8/17	100 mm	170 mm	1 pc	409176
TE-CX 8/22	150 mm	220 mm	1 pc	409177
TE-CX 8/27	200 mm	270 mm	1 pc	409178 ¹⁾
TE-CX 8/32	250 mm	320 mm	1 pc	409179 ¹⁾
TE-CX 8/47	400 mm	470 mm	1 pc	409181 ¹⁾
TE-CX 8,5/17	100 mm	170 mm	1 pc	409183 ¹⁾
TE-CX 9/17	100 mm	170 mm	1 pc	409185 ¹⁾
TE-CX 9/22	150 mm	220 mm	1 pc	409186 ¹⁾
TE-CX 10/12	50 mm	120 mm	1 pc	409187 ¹⁾
TE-CX 10/17	100 mm	170 mm	1 pc	409188
TE-CX 10/22	150 mm	220 mm	1 pc	409189
TE-CX 10/27	200 mm	270 mm	1 pc	409190
TE-CX 10/37	300 mm	370 mm	1 pc	409191
TE-CX 10/47	400 mm	470 mm	1 pc	409192
TE-CX 10/61	540 mm	610 mm	1 pc	409193
TE-CX 10,5/17	100 mm	170 mm	1 pc	409194 ¹⁾
TE-CX 11/22	150 mm	220 mm	1 pc	409195
TE-CX 12/17	100 mm	170 mm	1 pc	409197
TE-CX 12/22	150 mm	220 mm	1 pc	409198
TE-CX 12/27	200 mm	270 mm	1 pc	409199
TE-CX 12/37	300 mm	370 mm	1 pc	409200 ¹⁾
TE-CX 12/47	400 mm	470 mm	1 pc	409201
TE-CX 12/61	540 mm	610 mm	1 pc	409202 ¹⁾
TE-CX 14/17	100 mm	170 mm	1 pc	409205
TE-CX 14/22	150 mm	220 mm	1 pc	409206
TE-CX 14/27	200 mm	270 mm	1 pc	409207
TE-CX 14/37	300 mm	370 mm	1 pc	409208 ¹⁾
TE-CX 14/47	400 mm	470 mm	1 pc	409209 ¹⁾
TE-CX 15/17	100 mm	170 mm	1 pc	409211
TE-CX 15/27	200 mm	270 mm	1 pc	409212
TE-CX 16/17	100 mm	170 mm	1 pc	409214
TE-CX 16/22	150 mm	220 mm	1 pc	409215
TE-CX 16/27	200 mm	270 mm	1 pc	409216
TE-CX 16/47	400 mm	470 mm	1 pc	409217
TE-CX 16/61	540 mm	610 mm	1 pc	409218 ¹⁾
TE-CX 17/22	150 mm	220 mm	1 pc	409219 ¹⁾
TE-CX 18/22	150 mm	220 mm	1 pc	421956
TE-CX 18/32	250 mm	320 mm	1 pc	421960
TE-CX 18/48	410 mm	480 mm	1 pc	421961
TE-CX 20/22	150 mm	220 mm	1 pc	421963
TE-CX 20/32	250 mm	320 mm	1 pc	421965
TE-CX 20/48	410 mm	480 mm	1 pc	421966
TE-CX 22/27	200 mm	270 mm	1 pc	421968
TE-CX 22/48	410 mm	480 mm	1 pc	421969
TE-CX 24/27	200 mm	270 mm	1 pc	421971

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

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Ordering designation	Working length	Length	Sales pack quantity	Item number
TE-CX 25/27	200 mm	270 mm	1 pc	421977
TE-CX 25/48	410 mm	480 mm	1 pc	422660
TE-CX 28/27	200 mm	270 mm	1 pc	421981
TE-CX 28/48	410 mm	480 mm	1 pc	421983
TE-CX 5/12 MP8	50 mm	120 mm	8 pc	2021990
TE-CX 5/15 MP8	80 mm	150 mm	8 pc	2021991
TE-CX 5/17 MP8	100 mm	170 mm	8 pc	2021992 ¹⁾
TE-CX 5/22 MP8	150 mm	220 mm	8 pc	2021993 ¹⁾
TE-CX 5.5/12 MP8	50 mm	120 mm	8 pc	2021994 ¹⁾
TE-CX 6/12 MP8	50 mm	120 mm	8 pc	2021997
TE-CX 6/17 MP8	100 mm	170 mm	8 pc	2021998
TE-CX 6/22 MP8	150 mm	220 mm	8 pc	2021999

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Hammer drill bit 3/16" - 3/8" TE-CX



Applications

- Drilling anchor holes in reinforced and unreinforced concrete
- Drilling holes for post-installed rebar connections

Advantages

- Anchor suitability indicator on the head helps ensure trouble-free anchor installation - holes are accurate so long as the wear mark is visible
- In the unlikely event of breakage, the drill bit will be replaced as long as the wear mark on the helix is still visible
- Solid carbide head with four carbide cutting edges and innovative X-geometry for optimum material removal

Technical data

Working length	241 mm
Length	305 mm

Ordering designation	12.7 mm	Sales pack quantity	Item number
TE-CX 1/2"-12"		1 pc	435013

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Cordless reciprocating saw WSR 36-A



Applications

- Flush cutting of metal pipes and wood materials
- Cutting wood and metal in demolition work
- Cutting pipes overhead or in difficult-to-reach places
- Cutting and trimming composite materials or plastics to size

Advantages

- Revolutionary D-grip and ergonomically positioned controls for superior handling in all working positions
- Low weight and compact design for maximum mobility even in tight spaces
- Active Vibration Reduction (AVR) reduces vibration significantly and makes the tool less tiring to use
- Greater performance and versatility 32 mm Stroke length
- Up to three times more cuts per charge thanks to the efficient Hilti gearing system
- Keyless saw blade change system, blade reversal is possible

Technical data

Battery capacity	3.0 Ah / 3.9Ah
Dimensions (LxWxH)	440 x 92 x 224 mm
A-weighted emission sound pressure level¹⁾	90 dB (A)
Base material	Metal, Wood, Mineral
Weight according to EPTA Procedure 01/2003	4.4 kg
Active Vibration Reduction	Yes
Approvals	CE
Battery energy	108 Wh
Battery type	Li-ion
Blade clamp	1/2" keyless

¹⁾ according to EN 60745



reddot design award
winner 2009



Ordering designation	Package contents	Sales pack quantity	Item number
WSR 36-A Tool Body with Inserts	1x Cordless reciprocating saw WSR 36-A, 1x Case, 5x Recip saw blade W-CSR UF 15	1 pc	3448189

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Cordless reciprocating saw WSR 22-A



Applications

- Cutting metal pipes and conduits
- Cutting reinforcing bars, threaded rods and metal profiles
- Cutting window frames, woodwork and plastics

Advantages

- Makes about twice as many cuts in metal per battery charge as other reciprocating saws of the same class
- Unique Active Vibration Reduction (AVR): the low-vibration vertical gearing system and spring-cushioned contact shoe greatly reduce vibration and thus ensure smooth, easy cutting
- High-performance, lightweight tool with long service life and compact design for maximum freedom of movement
- Hilti Lithium CPC (Cordless Power Care) technology of the second generation: robust battery cells for more charge cycles, each cell with separate voltage control for maximum service life, accurate battery status display
- Extremely impact-resistant, glass-fibre-reinforced tool and battery casings

Technical data

Battery capacity	3.3 Ah
Dimensions (LxWxH)	492 x 96 x 196 mm
A-weighted emission sound pressure level¹⁾	82 dB (A)
Base material	Metal, Wood and plastics
Weight according to EPTA Procedure 01/2003	3.8 kg
Active Vibration Reduction	Yes
Approvals	CE
Battery energy	71.28 Wh
Battery type	Li-ion
Blade clamp	1/2" keyless

¹⁾ according to EN 60745



Ordering designation	Package contents	Sales pack quantity	Item number
WSR 22-A Tool Body with Inserts	1x Cordless reciprocating saw WSR 22-A, 1x Case, 5x Recip saw blade W-CSR UF 15	1 pc	3469805

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Reciprocating saw blade for metal W-CSR M



Applications

- Specially designed for metal and heavy metal demolition

Advantages

- Highly flexible bi-metal construction

Technical data

Base material	Metal
Blade material	BiM
Shank	1/2" universal shank

Ordering designation	Blade type	Blade length	Blade thickness	Tooth pitch	Teeth per inch	Blade features	Sales pack quantity	Item number
W-CSR MQ15/1.0 (5)	Basic	150 mm	0.9 mm	1 mm	24	Economic, flexible, clean cut	5 pc	336479 ¹⁾
W-CSR MQ15/1.4 (5)	Basic	150 mm	0.9 mm	1.4 mm	18	Economic, flexible	5 pc	336478 ¹⁾
W-CSR MQ23 (5)	Basic	230 mm	0.9 mm	1.8 mm	14	Economic, flexible, fast cut	5 pc	336480
W-CSR MD15 (5)	Demolition	150 mm	1.1 mm	2.5 mm	10	Long life, heavy-duty, fast cut	5 pc	336473 ¹⁾
W-CSR MD23 (5)	Demolition	230 mm	1.1 mm	2.5 mm	10	Long life, heavy-duty, fast cut	5 pc	336474 ¹⁾
W-CSR MD 30/2.5 (5)	Demolition	300 mm	1.1 mm	2.5 mm	10	Long life, heavy-duty, fast cut	5 pc	377821 ¹⁾
W-CSR MS 23 P	Demolition and pipes	229 mm	1.6 mm	2.5 -3.2 mm	8-10	Long life, heavy-duty, exact angle	5 pc	284548
W-CSR MS 30 P	Demolition and pipes	305 mm	1.6 mm	2.5 -3.2 mm	8-10	Long life, heavy-duty, exact angle	5 pc	377823 ¹⁾
W-CSR MF 15	Fast and clean	153 mm	0.9 mm	1.4 -3.4 mm	8-18	Long life, specially for cordless, flexible, fast cut	5 pc	287458
W-CSR MU 15	Fast and rough	153 mm	1 mm	1.75 -3 mm	9-14	Long life, flexible, fast cut	5 pc	284549 ¹⁾

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Reciprocating saw blade for wood and metal W-CSR



Applications

- Specially designed for the toughest demolition jobs

Advantages

- Highly flexible bi-metal construction

Technical data

Base material	Wood and metal
Tooth type	Milled, side set
Blade material	BiM

Ordering designation	Blade type	Blade length	Blade thickness	Tooth pitch	Teeth per inch	Blade features	Sales pack quantity	Item number
W-CSR WC 15	CurveCut	153 mm	1.3 mm	4.3 mm	6	Long life, fast cut	5 pc	284553
W-CSR WD15 (5)	Demolition	153 mm	1.6 mm	3.2 -5.1 mm	5-8	Heavy-duty, exact angle	5 pc	336471 ¹⁾
W-CSR WD23 (5)	Demolition	229 mm	1.6 mm	3.2 -5.1 mm	5-8	Heavy-duty, exact angle	5 pc	336472 ¹⁾
W-CSR WD 30	Demolition	305 mm	1.6 mm	3.2 -5.1 mm	5-8	Heavy-duty, exact angle	5 pc	377822 ¹⁾

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

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Reciprocating saw blades for wood W-CSR W



Applications

- Specially designed for wood and plastics

Advantages

- Highly flexible bi-metal construction

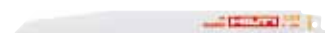
Technical data

Base material	Wood
Tooth type	Ground, side set
Shank	1/2" universal shank

Ordering designation	Blade type	Blade length	Blade thickness	Tooth pitch	Teeth per inch	Blade features	Sales pack quantity	Item number
W-CSR WU 20	Clean cut	203 mm	1.3 mm	2.5 -4.3 mm	6-10	Clean cut	5 pc	284547 ¹⁾
W-CSR WF15 (5)	Fast and rough	153 mm	1.3 mm	4.3 mm	6	Fast cut, plunge cut	5 pc	336469 ¹⁾
W-CSR WF23 (5)	Fast and rough	229 mm	1.3 mm	4.3 mm	6	Fast cut, plunge cut	5 pc	336470 ¹⁾
W-CSR WS 24	Fast and rough	240 mm	1.5 mm	5 mm	5	Fast cut	5 pc	284546 ¹⁾

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Reciprocating saw blade for multiple materials W-CSR U



Applications

- Specially designed for demolition cutting in various materials

Advantages

- Highly flexible bi-metal construction

Technical data

Base material	Multiple materials
Tooth type	Milled, side set
Blade material	BiM

Ordering designation	Blade type	Blade length	Blade thickness	Tooth pitch	Teeth per inch	Blade features	Sales pack quantity	Item number
W-CSR UU15 (5)	Basic demolition	153 mm	0.9 mm	2.5 mm	10	Long life, flexible	5 pc	336475
W-CSR UD 20	Demolition	203 mm	1.3 mm	2.2 -4.6 mm	6-12	Long life, fast cut	5 pc	284551
W-CSR UF 15	Fast and rough	153 mm	0.9 mm	2.2 -4.6 mm	6-12	Long life, specially for cordless, flexible, fast cut	5 pc	284550
W-CSR UU20 (5)	Pallets and demolition	203 mm	1.3 mm	1.8 -2.5 mm	10-14	Heavy-duty, clean cut	5 pc	336476 ¹⁾
W-CSR UU30 (5)	Pallets and demolition	305 mm	1.3 mm	1.8 -2.5 mm	10-14	Heavy-duty, clean cut	5 pc	336477 ¹⁾

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Reciprocating saw blade for special materials W-CSR S



Applications

- Specially designed for abrasive materials

Advantages

- Specifically designed carbide teeth for straight cutting at a high cutting speed with outstanding lifetime

Technical data

Blade features	Long life
Shank	1/2" universal shank
Pendulum setting	Off

Ordering designation	Base material	Blade type	Blade length	Blade thickness	Tooth pitch	Teeth per inch	Sales pack quantity	Item number
W-CSR SM 15	Brick, concrete and fibre	Brick, concrete and fibre	153 mm	1.3 mm	4.3 mm	6	3 pc	284554 ¹⁾
W-CSR SM 30	Brick, concrete and fibre	Brick, concrete and fibre	305 mm	1.5 mm	8.5 mm	3	3 pc	369055 ¹⁾
W-CSR SM 40	Brick, concrete and fibre	Brick, concrete and fibre	400 mm	1.5 mm	12.7 mm	2	3 pc	369054 ¹⁾
W-CSR SM 46	Brick, concrete and fibre	Brick, concrete and fibre	457 mm	1.5 mm	12.7 mm	2	3 pc	377820 ¹⁾
W-CSR MS 23	Cast iron	Cast iron	229 mm	1.3 mm	Grit 30		3 pc	369056 ¹⁾
W-CSR MS 13	Stainless steel	Stainless steel	117 mm	1 mm	1.4 mm	18	3 pc	369057 ¹⁾

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

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Cordless circular saw for cutting metal SCM 22-A



Applications

- Cutting channels and pipes on the jobsite quickly, with the highest possible accuracy
- Cutting openings in sheet metal in heating and air conditioning installation work
- Cutting sandwich panels, mesh and corrugated sheet metal
- Corrective cutting and trimming of sheet metal on the jobsite
- Cutting channels, pipes, conduits and profiles quickly and accurately
- Ideal for cutting Hilti MQ-41 installation channels

Advantages

- More than 50 cuts in MQ41 channel possible with one battery charge
- Weight of less than 4kg for best handling and ease of use
- Blade brake stops the blade in less than 0.5 sec for maximum safety and convenience
- Effective chip collector for a clean working environment
- LED lamp built into the front section of the blade guard for shadowless illumination of the cutting line

Technical data

Battery voltage	21.6 V
Battery capacity	3.3 Ah
No-load speed	3500 rpm
Battery type	Li-ion
Triaxial vibration value for sawing in metal (ah,M) ¹⁾	1.2 m/s ²
A-weighted emission sound power level²⁾	88 dB (A)
Weight according to EPTA Procedure 01/2003	4 kg
Blade diameter - range	160 - 165 mm
Max. cutting depth	57 mm
Arbour	20 mm

¹⁾ according to EN 60745-2-5

²⁾ according to EN 60745



Order description	Package contents	Sales pack quantity	Item number
SCM 22-A	1x Cordless circular saw SCM 22-A , 1x Case	1 pc	2024449

Please visit our website for the latest item numbers and related products.

Circular saw blades for metal SC-C M



Applications

- Steel blade: Cold cutting in ferrous metal and structural panels (channel iron, pipe, angle iron, steel plate, threaded rod, rebar, sandwich panel)

Advantages

- Cutting with Hilti SC-C M blades is much faster than traditional methods

Technical data

Blade diameter	165 mm
Kerf width	1.6 mm
Blade thickness	1.2 mm

Order description	Blade type	Max. rpm	Tooth type	Sales pack quantity	Item number
SC-C MS 165 AL	Aluminium	9500	FZ/TR	1 pc	2023990
SC-C MS 165 AL(5)	Aluminium	9500	FZ/TR	5 pc	2070235
SC-C MU 165x20 z40 A	Steel	4200	WZ	1 pc	2014797
SC-C MU 165x20 z40 A(5)	Steel	4200	WZ	5 pc	2070234

Please visit our website for the latest item numbers and related products.

Cordless angle grinder AG 125-A22



Applications

- Cutting and grinding steel and other metals
- Deburring and polishing metal
- Demolition
- Finishing
- Cutting and grinding mineral materials

Advantages

- Best ergonomic design and safety features of all comparable tools on the market (disc brake, ATC, automatic off)
- 30-40 % higher performance and battery capacity than competitors' tools
- Perfect balance and low weight make the tool less tiring and more flexible to use
- Brushless motor for three times longer lifetime (no commutator damage and no carbon brushes to change)
- Abrasive cutting discs optimized for use with this tool
- Powerful and robust 3.3 Ah CPC battery for high performance and long life

Technical data

Rated voltage	21.6 V
Battery capacity	3.3 Ah
Battery type	Li-ion
Triaxial vibration value for angle grinding (ah,AG)¹⁾	3.80 m/s ²
A-weighted emission sound pressure level²⁾	83 dB (A)
Weight according to EPTA Procedure 01/2003	2.7 kg
No-load speed	9500 rpm
Disc diameter	125 mm
Max. cutting depth	34 mm
Smart power	Yes

¹⁾ according to EN 60745-2-3

²⁾ according to EN 60745



2012



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Order description	Package contents	Sales pack quantity	Item number
AG 125-A22 combo	1x Cordless angle grinder AG 125-A22, 1x Case, 25 pcs of 125mm abrasive discs	1 pc	3520181

Please visit our website for the latest item numbers and related products.

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 line	Special performance
Base material	Steel and stainless steel
Grain type	Aluminium oxide

Order description	Disc diameter	Blade thickness	Arbour	Blade / disc shape	Max. permitted speed	Sales pack quantity	Item number
AC-D 125x1x22.2 SP CAG (T)	125 mm	1 mm	22.23 mm	Shape 41	12250 rpm	25 pc	2036580

Please visit our website for the latest item numbers and related products.

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)

Technical data

Dispenser, setting tool, accessory, tester type	Dispensers
Battery type	22 V
Dispenser type	Battery
Power source type	Compact B22/1.6 or B22/3.3 battery

Ordering designation	Weight	Package contents	Sales pack quantity	Item number
HDE 500-A22 box	2.2 kg	1x Dispenser HDE 500-A22 EU assy	1 pc	2005630

Please visit our website for the latest item numbers and related products.

Battery pack B 14/1.6 Li-ion



Applications

- For use with Hilti 14V cordless tools

Advantages

- CPC technology with cells of outstanding quality and with individual electronic control for high performance and long life under the toughest conditions

Technical data

Battery type	Li-ion
Battery capacity	1.6 Ah
Cordless Power Care - CPC	Yes

Ordering designation	Package contents	Sales pack quantity	Item number
Battery pack B 14/1.6 Li-Ion	1x Battery pack B 14/1.6 Li-Ion	1 pc	426174

Battery pack B 22/1.6 Li-ion



Applications

- Compatible with SFC 22-A, SID 22-A, SIW 22-A and TE 2-A22

Advantages

- CPC technology with cells of outstanding quality and individual electronic control for high performance and long life under the toughest conditions

Technical data

Battery type	Li-ion
Rated voltage	21.6 V
Battery capacity	1.6 Ah

Ordering designation	Package contents	Sales pack quantity	Item number
Battery pack B 22/1.6 Li-Ion	1x Battery pack B 22/1.6 Li-Ion	1 pc	426177

Battery pack B 22/3.3 Li-ion



Applications

- For use with Hilti 22V cordless tools

Advantages

- CPC technology featuring cells of outstanding quality with individual electronic control for high performance and long life under the toughest conditions

Technical data

Battery type	Li-ion
Rated voltage	21.6 V
Battery capacity	3.3 Ah

Ordering designation	Package contents	Sales pack quantity	Item number
Battery pack B 22/3.3 Li-Ion	1x Battery B22 3.3	1 pc	2007431

Please visit our website for the latest item numbers and related products.

Battery pack B 36/3.0 Li-ion



Applications

- Compatible with TE 6-A36-AVR, TE 6-A Li-ion, WSR 36-A and SFL 36-A

Advantages

- CPC technology featuring cells of outstanding quality with individual electronic control for high performance and long life under the toughest conditions



Technical data

Battery type	Li-ion
Rated voltage	36 V
Battery capacity	3.0 Ah

Ordering designation	Package contents	Sales pack quantity	Item number
Battery pack B 36/3.0 Li-ion	1x Battery pack B 36/3.0 Li-ion	1 pc	418009

Battery pack B 36/3.9 Li-ion



Applications

- Compatible with the TE 7-A, WSC 7.25-A, WSR 36-A and SFL 36-A

Advantages

- CPC technology featuring cells of outstanding quality with individual electronic control for high performance and long life under the toughest conditions



Technical data

Battery type	Li-ion
Rated voltage	36 V
Battery capacity	3.9 Ah

Ordering designation	Package contents	Sales pack quantity	Item number
Battery pack B 36/3.9 Li-ion	1x Battery pack B 36/3.9 Li-ion	1 pc	401594

Battery pack B 36 6.0 Li-ion



Applications

- Compatible with the TE 30-A, SFL 36-A and VC 20/40-U(M)-Y

Advantages

- CPC technology with cells of outstanding quality and individual electronic control for high performance and long life under the toughest conditions



Technical data

Battery type	Li-ion
Rated voltage	36 V
Battery capacity	6.0 Ah

Ordering designation	Package contents	Sales pack quantity	Item number
Battery pack B 36/6.0 Li-ion	1x Battery pack B 36/6.0 Li-ion assy	1 pc	2018896

Please visit our website for the latest item numbers and related products.

Battery charger C4/36-90



Applications

- Charges Hilti 14V, 22V and 36V Li-ion batteries

Advantages

- Ideal for universal use: charges all Hilti 14V, 22V and 36V Li-Ion batteries

Technical data

Output power	90 W
Output voltage - range	7 - 42 V
Cordless Power Care - CPC	Yes

Ordering designation	Sales pack quantity	Item number
Battery charger C 4/36-90 230V box	1 pc	2034530

Battery charger C4/36-350



Applications

- Charges all Hilti 14V, 22V and 36V Li-ion batteries

Advantages

- Powerful 350 watt charger for fast charging

Technical data

Output power	350 W
Output voltage - range	7 - 42 V
Cordless Power Care - CPC	Yes

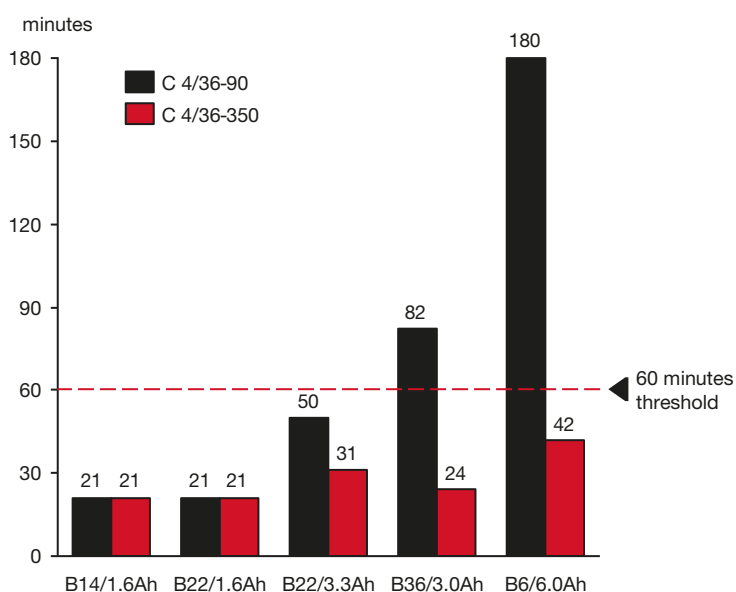
Ordering designation	Package contents	Sales pack quantity	Item number
Battery charger C 4/36-350 230V box	1x Battery charger C 4/36-350 230V	1 pc	2028876

Please visit our website for the latest item numbers and related products.

Charging times

Charging time for different batteries

	14V	22V	36V
Capacity (Ah)	1.6	1.6 3.3	3.0 6.0
Charger			



Dust removal system TE DRS-6-A

Applications

- Virtually dust-free drilling with the TE 6-A36-AVR

Advantages

- Built-in motor for maximum system efficiency
- Provides 100% suction power from the beginning
- Easy, one-handed connection
- Can be fitted at any time without use of tools
- No vacuum cleaner or additional hoses required
- All functions integrated in the module



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Technical data

Rated input power	60 W
Weight according to EPTA Procedure 01/2003	1 kg
Dimensions (LxWxH)	319 x 84 x 230 mm
Depth gauge	Yes



Ordering designation	Package contents	Sales pack quantity	Item number
Dust removal system TE DRS-6-A box	1x Dust removal system TE DRS-6-A	1 pc	2040914

Softbag for power tools



Advantages

- Made from durable and water-resistant poly-nylon material

Technical data

Accessory type	Softbag
----------------	---------

Ordering designation	Sales pack quantity	Item number
Toolbag large	1 pc	2008518

Please visit our website for the latest item numbers and related products.

Cutting, Sawing and Grinding

Hilti. Outperform. Outlast.




Reciprocating Saws

WSR 900-PE
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Vacuum Cleaner

VC 40-U(M)
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Orbital reciprocating saw WSR 900-PE



Applications

- Cutting metal pipes
- Cutting pipes with maximum accuracy using the pipe clamp adapter
- Demolition of timber structures
- Flush cutting, cutting metal close to edges
- Cutting plastic pipes or conduits
- Cutting through composite materials and cutting to size

Advantages

- Smart Power™ for power reserves that provide constantly high cutting performance even during demanding demolition work and on masonry - intelligent Smart Power™ sensors continuously adjust motor performance to match the material and the pressure applied
- Active Vibration Reduction (AVR) reduces vibration significantly and makes the tool less tiring to use
- Keyless adjustment of the contact shoe for better access in tight corners, allowing best use of the saw blade length
- Keyless saw blade change system, blade reversal is possible
- Orbital action for fast cutting in wood and soft materials
- Low weight and compact design



Ordering designation	Package contents	Sales pack quantity	Item number
WSR 900-PE	1x Reciprocating saw WSR 900-PE, 1x Case	1 pc	378277

Please visit our website for the latest item numbers and related products.

Reciprocating saw blade for metal W-CSR M



Applications

- Specially designed for metal and heavy metal demolition

Advantages

- Highly flexible bi-metal construction

Technical data

Base material	Metal
Blade material	BiM
Shank	1/2" universal shank

Ordering designation	Blade type	Blade length	Blade thickness	Tooth pitch	Teeth per inch	Blade features	Sales pack quantity	Item number
W-CSR MQ15/1.0 (5)	Basic	150 mm	0.9 mm	1 mm	24	Economic, flexible, clean cut	5 pc	336479 ¹⁾
W-CSR MQ15/1.4 (5)	Basic	150 mm	0.9 mm	1.4 mm	18	Economic, flexible	5 pc	336478 ¹⁾
W-CSR MQ23 (5)	Basic	230 mm	0.9 mm	1.8 mm	14	Economic, flexible, fast cut	5 pc	336480
W-CSR MD15 (5)	Demolition	150 mm	1.1 mm	2.5 mm	10	Long life, heavy-duty, fast cut	5 pc	336473 ¹⁾
W-CSR MD23 (5)	Demolition	230 mm	1.1 mm	2.5 mm	10	Long life, heavy-duty, fast cut	5 pc	336474 ¹⁾
W-CSR MD 30/2.5 (5)	Demolition	300 mm	1.1 mm	2.5 mm	10	Long life, heavy-duty, fast cut	5 pc	377821 ¹⁾
W-CSR MS 23 P	Demolition and pipes	229 mm	1.6 mm	2.5 -3.2 mm	8-10	Long life, heavy-duty, exact angle	5 pc	284548
W-CSR MS 30 P	Demolition and pipes	305 mm	1.6 mm	2.5 -3.2 mm	8-10	Long life, heavy-duty, exact angle	5 pc	377823 ¹⁾
W-CSR MF 15	Fast and clean	153 mm	0.9 mm	1.4 -3.4 mm	8-18	Long life, specially for cordless, flexible, fast cut	5 pc	287458
W-CSR MU 15	Fast and rough	153 mm	1 mm	1.75 -3 mm	9-14	Long life, flexible, fast cut	5 pc	284549 ¹⁾

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Reciprocating saw blade for wood and metal W-CSR



Applications

- Specially designed for the toughest demolition jobs

Advantages

- Highly flexible bi-metal construction

Technical data

Base material	Wood and metal
Tooth type	Milled, side set
Blade material	BiM

Ordering designation	Blade type	Blade length	Blade thickness	Tooth pitch	Teeth per inch	Blade features	Sales pack quantity	Item number
W-CSR WC 15	CurveCut	153 mm	1.3 mm	4.3 mm	6	Long life, fast cut	5 pc	284553
W-CSR WD15 (5)	Demolition	153 mm	1.6 mm	3.2 -5.1 mm	5-8	Heavy-duty, exact angle	5 pc	336471 ¹⁾
W-CSR WD23 (5)	Demolition	229 mm	1.6 mm	3.2 -5.1 mm	5-8	Heavy-duty, exact angle	5 pc	336472 ¹⁾
W-CSR WD 30	Demolition	305 mm	1.6 mm	3.2 -5.1 mm	5-8	Heavy-duty, exact angle	5 pc	377822 ¹⁾

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Please visit our website for the latest item numbers and related products.

Reciprocating saw blades for wood W-CSR W



Applications

- Specially designed for wood and plastics

Advantages

- Highly flexible bi-metal construction

Technical data

Base material	Wood
Tooth type	Ground, side set
Shank	1/2" universal shank

Ordering designation	Blade type	Blade length	Blade thickness	Tooth pitch	Teeth per inch	Blade features	Sales pack quantity	Item number
W-CSR WU 20	Clean cut	203 mm	1.3 mm	2.5 -4.3 mm	6-10	Clean cut	5 pc	284547 ¹⁾
W-CSR WF15 (5)	Fast and rough	153 mm	1.3 mm	4.3 mm	6	Fast cut, plunge cut	5 pc	336469 ¹⁾
W-CSR WF23 (5)	Fast and rough	229 mm	1.3 mm	4.3 mm	6	Fast cut, plunge cut	5 pc	336470 ¹⁾
W-CSR WS 24	Fast and rough	240 mm	1.5 mm	5 mm	5	Fast cut	5 pc	284546 ¹⁾

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Reciprocating saw blade for multiple materials W-CSR U



Applications

- Specially designed for demolition cutting in various materials

Advantages

- Highly flexible bi-metal construction

Technical data

Base material	Multiple materials
Tooth type	Milled, side set
Blade material	BiM

Ordering designation	Blade type	Blade length	Blade thickness	Tooth pitch	Teeth per inch	Blade features	Sales pack quantity	Item number
W-CSR UU15 (5)	Basic demolition	153 mm	0.9 mm	2.5 mm	10	Long life, flexible	5 pc	336475
W-CSR UD 20	Demolition	203 mm	1.3 mm	2.2 -4.6 mm	6-12	Long life, fast cut	5 pc	284551
W-CSR UF 15	Fast and rough	153 mm	0.9 mm	2.2 -4.6 mm	6-12	Long life, specially for cordless, flexible, fast cut	5 pc	284550
W-CSR UU20 (5)	Pallets and demolition	203 mm	1.3 mm	1.8 -2.5 mm	10-14	Heavy-duty, clean cut	5 pc	336476 ¹⁾
W-CSR UU30 (5)	Pallets and demolition	305 mm	1.3 mm	1.8 -2.5 mm	10-14	Heavy-duty, clean cut	5 pc	336477 ¹⁾

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Reciprocating saw blade for special materials W-CSR S



Applications

- Specially designed for abrasive materials

Advantages

- Specifically designed carbide teeth for straight cutting at a high cutting speed with outstanding lifetime

Technical data

Blade features	Long life
Shank	1/2" universal shank
Pendulum setting	Off

Ordering designation	Base material	Blade type	Blade length	Blade thickness	Tooth pitch	Teeth per inch	Sales pack quantity	Item number
W-CSR SM 15	Brick, concrete and fibre	Brick, concrete and fibre	153 mm	1.3 mm	4.3 mm	6	3 pc	284554 ¹⁾
W-CSR SM 30	Brick, concrete and fibre	Brick, concrete and fibre	305 mm	1.5 mm	8.5 mm	3	3 pc	369055 ¹⁾
W-CSR SM 40	Brick, concrete and fibre	Brick, concrete and fibre	400 mm	1.5 mm	12.7 mm	2	3 pc	369054 ¹⁾
W-CSR SM 46	Brick, concrete and fibre	Brick, concrete and fibre	457 mm	1.5 mm	12.7 mm	2	3 pc	377820 ¹⁾
W-CSR MS 23	Cast iron	Cast iron	229 mm	1.3 mm	Grit 30		3 pc	369056 ¹⁾
W-CSR MS 13	Stainless steel	Stainless steel	117 mm	1 mm	1.4 mm	18	3 pc	369057 ¹⁾

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Please visit our website for the latest item numbers and related products.

Diamond grinder DG 150



Applications

- For surface grinding on concrete, screed, removing tile adhesives
- Removing coatings (paint, adhesive remains etc.) from concrete

Advantages

- New SR motor technology
- No more changing carbon brushes
- Up to 10 times longer life than conventional angle grinders
- For incredibly quick grinding of concrete or removal of coatings from concrete
- Perfectly matched to Hilti cup wheels for maximum productivity
- Virtually dustless when used with the VC 40-U



Technical data

Dimensions (LxWxH)	250 x 250 x 230 mm
Disc diameter	150 mm
Rotation speed gear 1 under no load	4700 rpm
Base materials	Coatings on concrete, sealers and paint, Concrete
Smart power	Yes
Wet or dry operation	Dry
A-weighted emission sound pressure level ¹⁾	88 dB (A)

¹⁾ according to EN 60745



Ordering designation	Package contents	Sales pack quantity	Item number
DG 150 110V GB	1x Diamond grinder DG 150 , 1x Case	1 pc	369386
DG 150 230V	1x Diamond grinder DG 150 , 1x Case	1 pc	369391

Please visit our website for the latest item numbers and related products.

Diamond cup wheel DG-CW CR-SP



Technical data

Application	Grinding, Concrete, Screed, Natural stone
Blade / disc line	Special performance

Ordering designation	Disc diameter	Arbour	Colour	Number of segments	Sales pack quantity	Item number
DG-CW 150/6" CR-SP	150 mm	19 mm	Red	8	1 pc	2055147

Please visit our website for the latest item numbers and related products.

Diamond cup wheel DG-CW CF-SP**Technical data**

Application	Finishing, Concrete, Screed, Natural stone
Blade / disc line	Special performance
Wet or dry operation	Dry

Ordering designation	Disc diameter	Arbour	Colour	Number of segments	Sales pack quantity	Item number
DG-CW 150/6" CF-SP	150 mm	19 mm	White	8	1 pc	2055151

Diamond cup wheel DG-CW AS-SP**Technical data**

Application	Removing coatings, Adhesive, Painting, Epoxy, Acrylic
Blade / disc line	Special performance
Wet or dry operation	Dry

Ordering designation	Disc diameter	Arbour	Colour	Number of segments	Sales pack quantity	Item number
DG-CW 150/6" AS-SP	150 mm	19 mm	Light grey	8	1 pc	2055154

Please visit our website for the latest item numbers and related products.

Accessories for Angle Grinder

Ordering designation	SIW 22-A		
		Sales pack quantity	Item number
Power conditioner DPC 20 110V	■	1 pc	369394
Power conditioner DPC 20 230V	■	1 pc	369399
Case DG 150	■	1 pc	369453

Slitting machine DC-SE 20



Applications

- For the installation of pipes and conduits in walls

Advantages

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



Technical data

Dimensions (LxWxH)	343 x 207 x 203 mm
Disc diameter	125 mm
Rotation speed gear 1 under no load	7500 rpm
Max. cutting width	46 mm
Base materials	Concrete, Masonry
Triaxial vibration value for cutting concrete slab (ah) ¹⁾	5.8 m/s ²
Current limitation with overloading	Yes
Wet or dry operation	Dry
A-weighted emission sound pressure level ²⁾	104 dB (A)

¹⁾ according to EN 60745-2-22

²⁾ according to EN 60745



Ordering designation	Package contents	Sales pack quantity	Item number
DC SE20 230V	1x Slitting machine DC SE20 230V EUR assy, 1x Slit breaker DC-ST-E, 1x Case	1 pc	312267

Please visit our website for the latest item numbers and related products.

Diamond slitting disc DCD-SL-C



Applications

- Slitting (chasing) channels in a wide range of concrete materials for cable conduits or pipes in electrical, plumbing, heating and air conditioning installations

Advantages

- Special Performance line with specially-shaped turbo segments for long life

Technical data

Blade / disc line	Special performance
Wet or dry operation	Dry

Ordering designation	Disc diameter	Arbour	Blade thickness	For use with	Base materials	Sales pack quantity	Item number
DC-D 125 SE C1 (2)	125 mm	22.23 mm	1.55 mm	DC-SE 20	Concrete	2 pc	418693
DC-D 125 SE C2 (2)	125 mm	22.23 mm	1.55 mm	DC-SE 20	Concrete (hard)	2 pc	418694

Diamond slitting disc DCD-SL-M



Applications

- Slitting (chasing) channels in masonry materials for cable conduits or pipes in electrical, plumbing, heating and air conditioning installations

Advantages

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

Technical data

Blade / disc line	Special performance
Wet or dry operation	Dry

Ordering designation	Disc diameter	Arbour	Blade thickness	For use with	Base materials	Sales pack quantity	Item number
DC-D 125 SE M1 (2)	125 mm	22.23 mm	1.55 mm	DC-SE 20	Masonry	2 pc	418695

Please visit our website for the latest item numbers and related products.

Angle grinder DCG 125-S



Applications

- Cutting and grinding mineral materials
- Masonry
- Brick
- Natural stone
- Metal surfaces
- Concrete slabs

Advantages

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

Technical data

Rated input power	1400 W
Triaxial vibration value for angle grinding (ah,AG) ¹⁾	4.6 m/s ²
A-weighted emission sound pressure level ²⁾	90 dB (A)
Weight according to EPTA Procedure 01/2003	2.4 kg
No-load speed	11000 rpm
Disc diameter	125 mm
Max. cutting depth	35 mm
Smart power	Yes
Spindle thread	14 mm
Active Torque Control	Yes

¹⁾ according to EN 60745-2-3

²⁾ according to EN 60745



Order description	Package contents	Sales pack quantity	Item number
DCG 125-S 240V box	1x Angle grinder DCG 125-S 230V GB	1 pc	382579

Please visit our website for the latest item numbers and related products.

Angle grinder DCG 230-D



Applications

- Cutting concrete
- Slitting for installation of cable conduits in concrete and brick
- For mineral materials and metals
- For grinding and cutting

Advantages

- Hilti Smart Power technology ensures constantly high cutting performance
- ATC provides maximum safety and unrestricted working comfort thanks to automatic motor cut-out in potentially hazardous situations
- AVR reduces vibration by up to two thirds compared to conventional tools and thus provides efficient protection from the effects of long-term exposure to vibration
- Rugged dust removal hood and soft grips for virtually dustless operation and greater safety
- Rotatable grip for a comfortable working position
- Hilti ATC offers maximum safety thanks to immediate automatic cut-out if the disc suddenly sticks



Technical data

Triaxial vibration value for angle grinding (ah,AG)¹⁾	5.0 m/s ²
A-weighted emission sound pressure level²⁾	90 dB (A)
Weight according to EPTA Procedure 01/2003	5.4 kg
No-load speed	6500 rpm
Disc diameter	230 mm
Max. cutting depth	60 mm
Smart power	Yes
Spindle thread	14 mm
Active Torque Control	Yes
Active Vibration Reduction	Yes

¹⁾ according to EN 60745-2-3

²⁾ according to EN 60745



Order description	Package contents	Sales pack quantity	Item number
DCG 230-D 230V box	1x Angle grinder DCG 230-D 230V GB/NME , 1x Quick-locking nut flat	1 pc	702293

Please visit our website for the latest item numbers and related products.

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

Blade / disc line	Special performance
Wet or dry operation	Dry

Ordering designation	Disc diameter	Arbour	Blade thickness	For use with	Base materials	Sales pack quantity	Item number
DC-D 125/22 C-SP	125 mm	22.23 mm	1.5 mm	DCG 125-S	Concrete	1 pc	425848
DC-D 230/22 C-SP	230 mm	22.23 mm	1.7 mm	DCG 230-D	Concrete	1 pc	425866

Diamond cutting disc M-SP (Masonry Special Performance)



Applications

- Cutting, resizing and reshaping a wide range of masonry materials

Advantages

- Equidist segment technology for highest cutting speed and long life

Technical data

Blade / disc line	Special performance
Wet or dry operation	Dry

Ordering designation	Disc diameter	Arbour	Blade thickness	For use with	Base materials	Sales pack quantity	Item number
DC-D 125/22 M-SP	125 mm	22.23 mm	1.5 mm	DCG 125-S	Concrete	1 pc	425852
DC-D 230/22 M-SP	230 mm	22.23 mm	1.7 mm	DCG 230-D	Concrete	1 pc	425870

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 line	Special performance
Base material	Steel and stainless steel
Grain type	Aluminium oxide

Order description	Disc diameter	Blade thickness	Arbour	Blade / disc shape	Max. permitted speed	Sales pack quantity	Item number
AC-D 125 USP 2.5mm	125 mm	2.5 mm	22.23 mm	Shape 42	12250 rpm	25 pc	361881
AC-D 230 USP 2.5mm	230 mm	2.5 mm	22.23 mm	Shape 41	6650 rpm	25 pc	361884

Please visit our website for the latest item numbers and related products.

Accessories for Cutting Tools

		DCG 125-S	DCG 230-D	DC-SE 20	Sales pack quantity	Item number
Ordering designation						
Dust extra hood (grinding) DG-EX 125/5"		■			1 pc	267719
Dust extra hood (cutting) DC-EX 230/9"			■		1 pc	234435
Sharpening plate DC-SE SP2				■	1 pc	314303

Universal vacuum cleaner VC 40-U(M)



Applications

- Removing slurry produced by wet coring and cleaning
- Removing dust produced by drilling, slitting, grinding, cutting and dry coring

Advantages

- Very good handling thanks to compact design
- Robust casing to withstand the harshest jobsite conditions
- Hilti AirBoost filter technology for consistently high suction performance
- Built-in power socket for synchronous operation with electric tools for greater convenience
- Full exploitation of tank capacity due to placement of filter and hose connection in the upper part of the appliance



Technical data

Rated voltage	230 V
Container capacity	36 l
Dust capacity	40 kg
Water capacity	25 l
A-weighted emission sound pressure level¹⁾	71 dB (A)
Hose diameter	36 mm
Hose length	5000 mm
Max. vacuum pressure	220 mbar
Base materials	All mineral base materials (non-reinforced), All types of concrete and brick, All types of masonry (hollow brick, sand-lime block, etc.) except engineering brick, Wood
Length	505 mm





¹⁾ according to EN 60745



Ordering designation	Package contents	Sales pack quantity	Item number
VC 40-U 230V	1x Univ. vacuum cleaner VC 40-U 230 V	1 pc	212300

Please visit our website for the latest item numbers and related products.

Accessories for Vacuum Cleaners

		VC 40-U(M)		
Ordering designation			Sales pack quantity	Item number
Adapter 36x5m		■	1 pc	203878
Dust bag VC 40 (10) plastic		■	10 pc	203852
Filter element VC 20/40 PES nano		■	1 pc	203863
Push bar VC 40		■	1 pc	2047174

Diamond Coring

Hilti. Outperform. Outlast.





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Diamond Sawing Tools

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BUILT TO LAST.

Drilling, chiseling, cutting or coring. Every Hilti tool on jobsites around the world has its own story to tell – a tale of ruggedness, reliability and endurance. Often scarred by years of hard use, these exceptionally tough tools simply keep on going. They're first choice because they're built to last.

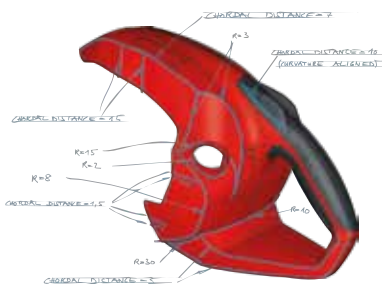


Designed to perform. Tools you can count on.



Tested under the toughest conditions.

Hilti tools prove themselves day after day, relentlessly drilling, chiseling or cutting through the hardest concrete and masonry with astounding ease, even under sub-zero temperatures or tropical heat. We can guarantee the reliability and long life of our tools because they've been stringently tested under the toughest conditions.



Designed for usability.

Everything begins with an idea. We then work closely with our customers to develop new tools that meet their requirements in every way. In addition to outstanding performance, Hilti tools are renowned for maximum working comfort and convenience thanks to their ergonomic design. Glass-fiber-reinforced casing parts guarantee ruggedness and protection from the rough and tumble of everyday jobsite use.



Hilti accessories. Hot stuff.

Matching Hilti accessories help you achieve maximum performance. Polygon chisels featuring inductive hardening; hammer drill bits with a rugged solid carbide head and four cutting edges; diamond discs and core bits incorporating high-grade diamond segments - these advanced technical features help achieve impressively long life and unmatched reliability in a wide range of applications.



Rugged and reliable, day after day.

TE 1500-AVR breaker



- Maintenance-free SR motor
- Triple-chamber lubrication system
- Electropneumatic hammering mechanism

TE 700-AVR breaker



- Highest impact energy in the 7kg class (11.5J)
- Brushless SR drive - outstanding lifetime
- Sub-chassis AVR - for greater working comfort (6.5m/s²)

DS diamond wall and wire saws



- Long life under the harshed conditions, thanks to well-proven design and high grade components
- Advanced feature protects the system against the effects of irregularities in the power or water supply

DD 160 diamond coring system



- Motor with thermal overload cut-out
- Longer carbon brushes for increased running time
- Maintenance-free safety clutch

Overview diamond coring systems



	DD EC-1	DD 120	DD 160	DD 200
	Diamond coring system	Diamond coring system	Diamond coring system	Diamond coring system
Technical				
Power range (Watts)	1450 W	1600 W	2000 W	2600 W
Weight	8 kg	11 kg	16 kg	34 kg
Applications				
	Drills anchor holes through reinforced concrete	Through-holes e.g. HVAC systems	Ventilation ducts	Ventilation ducts
		Drills anchor holes through reinforced concrete	Penetration for ducts, pipes and cables	Penetration for ducts, pipes and cables
Core Bit Applications, Diameters and Connection Ends				
Coring in Concrete Hand-held/Wet				
Coring diameter ■ = Optimal ■ = Possible				
Core bit	DD-C T2/T4 Ø 8–35 mm			
Coring in Concrete Stand/Wet				
Coring diameter ■ = Optimal ■ = Possible				
Core bit	DD-C T2/T4 Ø 8–35 mm	DD-BI PL Ø 12–162 mm	DD-BI PL Ø 25–202 mm	DD-BL H4S Ø 25–400 mm
Connection end	 C	 BI+	 BI+	 BL



Overview for core bit adapters

Core bit adapters			
	Order description	Tool -> Core bit	Item number
	Adapter BI -> BR	BI ->BR	4429
	Adapter BI+ -> BR/BS	BI+ ->BR/BS	373419
	Adapter BL -> BU	BL -> BU	282989
	Adapter BL -> BS/BR	BL -> BS/BR	305910
	Adapter BU -> BL	BU -> BL	305909
	Adapter BU -> BR	BU -> BR	4428
	Adapter BU -> BS	BU -> BS	4427
	Adapter BS -> BI+	BS ->BI+	373422
	Adapter BR -> BI+	BR ->BI+	374230

Hilti

Generic

BR

R 1/2"

BS

1 1/4" UNC

Diamond

Coring and

Sawing



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

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 110V GB	1x Diamond coring tool DD EC-1 110V GB , 1x Case	1 pc	336736 ¹⁾
DD EC-1 230V GB	1x Diamond coring tool DD EC-1 230V GB , 1x Case	1 pc	336742

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Please visit our website for the latest item numbers and related products.

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

Number of gears	2
Rotation speed	gear 1: 650 rpm; gear 2: 1380 rpm
Drilling range	Rig-based wet: 16-162 mm
Chuck type	Bi+
Max. drilling depth	320 mm
Weight of complete system	11 kg
Dimensions (LxWxH)	327 x 147 x 330 mm



Ordering designation	Base plate dimensions (LxW)	Package contents	Sales pack quantity	Item number
DD120 (110V) COMBO	199 x 148 mm	1x Diamond coring tool DD 120 110V CEE 16A , 1x Allen wrench 4 / 6 kit, 1x Combination wrench 17 x 19 , 1x Chuck Bi+ assy, 1x Case, 1x Jack screw DD-LR-CLS	1 pc	3454314¹⁾
DD120 (720MM) COMBO	199 x 148 mm	1x Diamond coring tool DD 120 230V , 1x Allen wrench 4 / 6 kit, 1x Combination wrench 17 x 19 , 1x Chuck Bi+ assy, 1x Case, 1x Jack screw DD-LR-CLS	1 pc	3443365

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Please visit our website for the latest item numbers and related products.

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



2013



reddot design award
winner 2013

Technical data

Number of gears	3
Rotation speed	gear 1: 420 rpm; gear 2: 700 rpm; gear 3: 1570 rpm
Drilling range	Rig-based wet: 25-202 mm
Chuck type	BI+
Max. drilling depth	450 mm
Weight of complete system	16 kg
Dimensions (LxWxH)	450 x 195 x 315 mm



Ordering designation	Base plate dimensions (LxW)	Package contents	Sales pack quantity	Item number
DD160 (110V) with Clamping Nut & Spindle	225 x 164 mm	1x Diamond coring tool DD 160 110V, 1x Chuck BI+ assy, 1x Jack screw DD-CS M16 S, 1x Drilling stand DD-ST 160 SFL	1 pc	3508587¹⁾
DD160 (230V) with Clamping Nut & Spindle	225 x 164 mm	1x Diamond coring tool DD 160 230V, 1x Chuck BI+ assy, 1x Jack screw DD-CS M16 S, 1x Drilling stand DD-ST 160 SFL	1 pc	3508206

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Please visit our website for the latest item numbers and related products.

Diamond coring tool DD 200



Applications

- Coring holes for service entries
- Stitch drilling for breaches
- Making penetrations for ducts, pipes and cables
- Openings for ventilation

Advantages

- Powerful motor
- The power control LED helps new users to achieve the optimum rate of drilling progress and maximum core bit life
- The service indicator warns when servicing is due, reducing down time and helping to avoid costly repairs
- Easy to handle, easy to understand and easy to operate
- BL quick-release chuck system for keyless exchange of core bits



Technical data

Number of gears	3
Drilling range	Rig-based wet: 25-400 mm
Chuck type	BL
Max. drilling depth	500 mm
Weight of complete system	34 kg
Dimensions (LxWxH)	630 x 150 x 173 mm



Ordering designation	Base plate dimensions (LxW)	Package contents	Sales pack quantity	Item number
DD200, 110V COMPLETE SET	419 x 272 mm	1x Diamond coring tool DD 200 110V , 1x Jack screw DD-CS M16 , 1x Drilling stand DD-HD 30 , 1x Set of wheels DD-HD30-W , 1x Quick-locking nut DD-CN-SML	1 pc	3458495¹⁾
DD200, 230V COMPLETE SET	419 x 272 mm	1x Diamond coring tool DD 200 230V EU assy, 1x Chuck DD-C-BL assy, 1x Jack screw DD-CS M16 , 1x Drilling stand DD-HD 30 , 1x Set of wheels DD-HD30-W , 1x Quick-locking nut DD-CN-SML	1 pc	3408416

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Please visit our website for the latest item numbers and related products.

Hydraulic coring tool DD 750-HY



Applications

- Deep-hole drilling
- Large penetrations

Advantages

- High power and robustness for heavy applications
- Quickly assembled modular system
- One-man operation



Technical data

Number of gears	4
Drilling range	Rig-based wet: 52-750 mm
Chuck type	BU
Dimensions (LxWxH)	355 x 215 x 520 mm















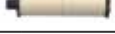



Ordering designation	Package contents	Sales pack quantity	Item number
DD 750-HY BA-6	1x Drive DD-750HY 20CCM, 1x Hose WH11, 1x Jack screw DD-CS M16, 1x Chuck DD-C-BU, 1x Chuck DD-C-BS, 1x Coupler assy, 1x Coupler assy, 1x Quick-locking nut DD-CN-SML	1 pc	371321 ¹⁾





















¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Please visit our website for the latest item numbers and related products.














Accessories for Diamond Drilling Tools

		DD EC-1	DD 120	DD 160	DD 200	DD 750-HY	Sales pack quantity	Item number
Ordering designation								
Accessory kit DD M12 S			■				1 pc	409269
Accessory kit DD M16				■	■	■	1 pc	409303
Adapter		■					1 pc	376282
Chuck DD-C-BS BS chuck for DD 750						■	1 pc	232235
Chuck DD-C-BU BU chuck for DD 750						■	1 pc	232234
Column swivel DD-ST-150/160-RR Swivelling column allows access to the hole in deep coring applications with the DD 150-U and DD 160				■			1 pc	2006373
Cover EC-1 Splash protector for overhead coring with the DD EC-1		■					1 pc	372800
Cross column adapter DD-ST 150/160 CCS				■			1 pc	2017726
Double taper pin D-CO-ML						■	1 pc	232241
Drilling stand DD-CR1 Drill stand for the DD EC-1		■					1 pc	376281
Drilling stand DD-HD 30 Drill stand for the DD 200, DD 350 and DD 500					■		1 pc	305534
Drilling stand DD-ST 120 CTL			■				1 pc	335896
Drilling stand DD-ST 160 CTL Combined anchor and vacuum baseplate for angular coring				■			1 pc	435663
Drilling stand DD-ST 160 SFL Compact, light anchor baseplate, not suitable for angular coring				■			1 pc	435664
Filter assy		■					1 pc	338524
Filter REC 1 F		■					1 pc	377255


















Accessories for Diamond Drilling Tools

		DD EC-1	DD 120	DD 160	DD 200	DD 750-HY		
Ordering designation							Sales pack quantity	Item number
Eccentric pin DD-EP-ML						■	1 pc	232244
End stop DS-ES-L						■	1 pc	371703
Flow indicator DD-WFI Water flow indicator			■	■	■	■	1 pc	305939
Guide rail D-R100L						■	1 pc	310336
Guide rail D-R150L						■	1 pc	310337
Guide rail D-R200L						■	1 pc	310338
Guide rail extension DD-HD30-XT 100 cm column extension for the DD-HD 30 drill stand					■		1 pc	305537
Handwheel assy						■	1 pc	9843
Handwheel DD-HW-2A Two-spoke handwheel with quick-lock connection for the DD-HD 30, DD-ST 150 and DD-ST 160 drill stands				■			1 pc	2007688
Handwheel DD-LR-FH-3A assy Three-spoke handwheel for the DD-ST 120 drill stand			■				1 pc	332033
Hose WH11						■	1 pc	221131
Jack screw DD-CS M16 M16 clamping spindle for large base plates				■	■		1 pc	337378
Jack screw DD-CS M16 S M16 clamping spindle for compact base plates			■	■			1 pc	2006371
Jack screw DD-LR-CLS M12 clamping spindle for compact base plates			■				1 pc	333629
Quick-locking nut DD-CN-SML Flexible clamping nut for large base plates				■	■		1 pc	251834
Nut DD-LR-CLN Compact flexible clamping nut			■	■			1 pc	333477
Jack screw DD-HD30-SL Accessory for bracing DD-HD 30 drill stands					■		1 pc	305940
Jack screw DD-ST-150/160-JS				■			1 pc	2007686
Quick-release column assy		■	■	■	■			9870
Depth gauge DD-HD30-ES Depth gauge for the DD-HD 30 drill stand					■			305535

Accessories for Diamond Drilling Tools

Ordering designation		DD EC-1	DD 120	DD 160	DD 200	DD 750-HY	Sales pack quantity	Item number
Sealing washer DD-SW-18/20-S			■	■			1 pc	207306
Sealing washer DD-SW-24/25-M			■	■	■		1 pc	207314
Sealing washer DD-SW-28/30-M			■	■	■		1 pc	207315
Sealing washer DD-SW-47/56-M			■	■	■		1 pc	207318
Sealing washer DD-SW-62/72-M			■	■	■		1 pc	207319
Sealing washer DD-SW-77/87-M			■	■	■		1 pc	207320
Sealing washer DD-SW-92/102-M			■	■	■		1 pc	207321
Sealing washer DD-SW-92/102-L					■		1 pc	207333
Sealing washer DD-SW-107/117-M			■	■	■		1 pc	207322
Sealing washer DD-SW-122/132-M			■	■	■		1 pc	207323
Sealing washer DD-SW-142/152-M			■	■	■		1 pc	207324
Sealing washer DD-SW-142/152-L					■		1 pc	207336
Sealing washer DD-SW-202-L					■		1 pc	207340

Accessories for Diamond Drilling Tools

		DD EC-1	DD 120	DD 160	DD 200	DD 750-HY	Sales pack quantity	Item number
Ordering designation								
Seal soft Large rubber seal for overhead coring using the water dam for the DD EC-1		■					1 pc	278692
Set of wheels DD-HD30-W Wheel set for the DD-HD 30 drill stand					■		1 pc	305541
Sharpening plate		■	■	■	■	■	1 pc	51343
Sharpening plate DC-SE SP2		■					1 pc	314303
Spacer DD-HD30-SP					■		1 pc	305539
Vacuum baseplate DD-HD30-VBP Vacuum pad for DD-HD 30 drill stand					■		1 pc	305538
Vacuum baseplate DD-ST-VBP 120/160 Vacuum pad for DD-ST 120 and DD-ST 160 drill stands			■	■			1 pc	2027859
Vacuum pump DD VP-U 230V		■	■	■	■		1 pc	408458
Water collector holder DD-HD30-WCH Water collector holder for the DD-HD 30 drill stand					■		1 pc	305536
Water collector holder DD-ST-150/160-WCH Water collector holder for the DD-ST 120, DD-ST 150 and DD-ST 160 drill stands			■	■			1 pc	2016633
Water dam assy		■					1 pc	370239
Water dam DD-WC-ML					■		1 pc	232243
Water dam DD-WC-S			■	■			1 pc	232204
Water dam DD-WC-SM			■	■	■		1 pc	232221
Water recycling unit DD REC-1 110V		■					1 pc	336745
Water recycling unit DD REC-1 230V		■					1 pc	336748
Water supply unit DWP 10 Water supply unit for diamond drilling and diamond cutting tools		■	■	■	■	■	1 pc	365595

Diamond core bit DD-C T2



Applications

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

Advantages

- Hilti quick-release connection lets you change core bits in seconds - no tools required (keyless system)

Technical data

Base materials	Concrete, soft to medium
Laser-welded segments	Yes
Wet or dry operation	Wet

Ordering designation	Nominal diameter	Working length	Connection end	Sales pack quantity	Item number
DD-C 8/70 T2	8 mm	70 mm	DD-C connection	1 pc	336885 ¹⁾
DD-C 10/150 T2	10 mm	150 mm	DD-C connection	1 pc	336887 ¹⁾
DD-C 12/150 T2	12 mm	150 mm	DD-C connection	1 pc	336889
DD-C 15/150 T2	15 mm	150 mm	DD-C connection	1 pc	336895 ¹⁾
DD-C 35/300 T2	35 mm	300 mm	DD-C connection	1 pc	336920 ¹⁾

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Diamond core bit DD-C T4



Applications

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

Advantages

- Hilti quick-release connection lets you change core bits in seconds - no tools required (keyless system)

Technical data

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

Ordering designation	Nominal diameter	Working length	Connection end	Sales pack quantity	Item number
DD-C 1/2"-6" T4	12.7 mm	150 mm	DD-C connection	1 pc	336854 ¹⁾
DD-C 14/150 T4	14 mm	150 mm	DD-C connection	1 pc	336855 ¹⁾
DD-C 15/150 T4	15 mm	150 mm	DD-C connection	1 pc	336859 ¹⁾
DD-C 16/150 T4	16 mm	150 mm	DD-C connection	1 pc	336861 ¹⁾
DD-C 16/300 T4	16 mm	300 mm	DD-C connection	1 pc	336862
DD-C 18/150 T4	18 mm	150 mm	DD-C connection	1 pc	336863 ¹⁾
DD-C 18/300 T4	18 mm	300 mm	DD-C connection	1 pc	336864
DD-C 20/150 T4	20 mm	150 mm	DD-C connection	1 pc	336869 ¹⁾
DD-C 20/300 T4	20 mm	300 mm	DD-C connection	1 pc	336870
DD-C 22/300 T4	22 mm	300 mm	DD-C connection	1 pc	336873
DD-C 24/300 T4	24 mm	300 mm	DD-C connection	1 pc	336875
DD-C 25/300 T4	25 mm	300 mm	DD-C connection	1 pc	336876
DD-C 28/300 T4	28 mm	300 mm	DD-C connection	1 pc	336878
DD-C 30/300 T4	30 mm	300 mm	DD-C connection	1 pc	336880 ¹⁾
DD-C 32/300 T4	32 mm	300 mm	DD-C connection	1 pc	336881 ¹⁾
DD-C 35/300 T4	35 mm	300 mm	DD-C connection	1 pc	336884
DD-C 35/600 T4	35 mm	600 mm	DD-C connection	1 pc	301207 ¹⁾

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Please visit our website for the latest item numbers and related products.

Diamond core bit DD BI PL 320



Applications

- Wet coring in reinforced concrete and natural stone using rig-based drilling systems

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	Connection end	Sales pack quantity	Item number
DD-BI 12/320 PL	12 mm	320 mm	BI+	1 pc	2015350
DD-BI 14/320 PL	14 mm	320 mm	BI+	1 pc	2015352
DD-BI 16/320 PL	16 mm	320 mm	BI+	1 pc	2015354 ¹⁾
DD-BI 18/320 PL	18 mm	320 mm	BI+	1 pc	2015355
DD-BI 20/320 PL	20 mm	320 mm	BI+	1 pc	2015357
DD-BI 22/320 PL	22 mm	320 mm	BI+	1 pc	2015359
DD-BI 24/320 PL	24 mm	320 mm	BI+	1 pc	2015360
DD-BI 25/320 PL	25 mm	320 mm	BI+	1 pc	2015361
DD-BI 28/320 PL	28 mm	320 mm	BI+	1 pc	2015363
DD-BI 30/320 PL	30 mm	320 mm	BI+	1 pc	2015365
DD-BI 32/320 PL	32 mm	320 mm	BI+	1 pc	2015366
DD BI 35/320+ PL	35 mm	320 mm	BI+	1 pc	2022320
DD BI 37/320+ PL	37 mm	320 mm	BI+	1 pc	2022321 ¹⁾
DD BI 40/320+ PL	40 mm	320 mm	BI+	1 pc	2022322
DD BI 42/320+ PL	42 mm	320 mm	BI+	1 pc	2022323 ¹⁾
DD BI 47/320+ PL	47 mm	320 mm	BI+	1 pc	2022324 ¹⁾
DD BI 52/320+ PL	52 mm	320 mm	BI+	1 pc	2022325
DD BI 57/320+ PL	57 mm	320 mm	BI+	1 pc	2022326 ¹⁾
DD BI 62/320+ PL	62 mm	320 mm	BI+	1 pc	2022327 ¹⁾
DD BI 67/320+ PL	67 mm	320 mm	BI+	1 pc	2022328
DD BI 72/320+ PL	72 mm	320 mm	BI+	1 pc	2022329 ¹⁾
DD BI 77/320+ PL	77 mm	320 mm	BI+	1 pc	2022330
DD BI 82/320+ PL	82 mm	320 mm	BI+	1 pc	2022331 ¹⁾
DD BI 92/320+ PL	92 mm	320 mm	BI+	1 pc	2022332 ¹⁾
DD BI 102/320+ PL	102 mm	320 mm	BI+	1 pc	2022333
DD BI 107/320+ PL	107 mm	320 mm	BI+	1 pc	2022334 ¹⁾
DD BI 112/320+ PL	112 mm	320 mm	BI+	1 pc	2022335 ¹⁾
DD BI 122/320+ PL	122 mm	320 mm	BI+	1 pc	2022336
DD BI 132/320+ PL	132 mm	320 mm	BI+	1 pc	2022337 ¹⁾
DD BI 142/320+ PL	142 mm	320 mm	BI+	1 pc	2022338 ¹⁾
DD BI 152/320+ PL	152 mm	320 mm	BI+	1 pc	2022339
DD BI 162/320+ PL	162 mm	320 mm	BI+	1 pc	2022340 ¹⁾

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Change module DD CM PL



Applications

- Rig-based wet coring in reinforced concrete and natural stone

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	Connection end	Sales pack quantity	Item number
DD-CM 35 PL	35 mm	60 mm	n/a	1 pc	2015509
DD-CM 37 PL	37 mm	60 mm	n/a	1 pc	2015510 ¹⁾
DD-CM 40 PL	40 mm	60 mm	n/a	1 pc	2015511
DD-CM 42 PL	42 mm	60 mm	n/a	1 pc	2015512 ¹⁾
DD-CM 47 PL	47 mm	60 mm	n/a	1 pc	2015513 ¹⁾
DD-CM 52 PL	52 mm	60 mm	n/a	1 pc	2015514

Please visit our website for the latest item numbers and related products.

Ordering designation	Nominal diameter	Working length	Connection end	Sales pack quantity	Item number
DD-CM 57 PL	57 mm	60 mm	n/a	1 pc	2015515 ¹⁾
DD-CM 62 PL	62 mm	60 mm	n/a	1 pc	2015516 ¹⁾
DD-CM 67 PL	67 mm	60 mm	n/a	1 pc	2015517
DD-CM 72 PL	72 mm	60 mm	n/a	1 pc	2015518 ¹⁾
DD-CM 77 PL	77 mm	60 mm	n/a	1 pc	2015519
DD-CM 82 PL	82 mm	60 mm	n/a	1 pc	2015520 ¹⁾
DD-CM 87 PL	87 mm	60 mm	n/a	1 pc	2015521 ¹⁾
DD-CM 92 PL	92 mm	60 mm	n/a	1 pc	2015522 ¹⁾
DD-CM 107 PL	107 mm	60 mm	n/a	1 pc	2015524 ¹⁾
DD-CM 112 PL	112 mm	60 mm	n/a	1 pc	2015525 ¹⁾
DD-CM 122 PL	122 mm	60 mm	n/a	1 pc	2015526
DD-CM 132 PL	132 mm	60 mm	n/a	1 pc	2015527 ¹⁾
DD-CM 142 PL	142 mm	60 mm	n/a	1 pc	2015528 ¹⁾
DD-CM 152 PL	152 mm	60 mm	n/a	1 pc	2015529
DD-CM 162 PL	162 mm	60 mm	n/a	1 pc	2015530 ¹⁾

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Diamond core bit DD-BL H4S



Diamond Coring and Sawing

Applications

- Coring in the 25-500 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	Connection end	Sales pack quantity	Item number
DD-BL 25/430 H4S	25 mm	430 mm	BL	1 pc	430104 ¹⁾
DD-BL 28/430 H4S	28 mm	430 mm	BL	1 pc	430106 ¹⁾
DD-BL 30/430 H4S	30 mm	430 mm	BL	1 pc	430108
DD-BL 32/430 H4S	32 mm	430 mm	BL	1 pc	430109
DD-BL 35/430+ H4S	35 mm	430 mm	BL	1 pc	430077
DD-BL 37/430+ H4S	37 mm	430 mm	BL	1 pc	430078 ¹⁾
DD-BL 40/430+ H4S	40 mm	430 mm	BL	1 pc	430079
DD-BL 42/430+ H4S	42 mm	430 mm	BL	1 pc	430080
DD-BL 47/430+ H4S	47 mm	430 mm	BL	1 pc	430081 ¹⁾
DD-BL 52/430+ H4S	52 mm	430 mm	BL	1 pc	430082
DD-BL 57/430+ H4S	57 mm	430 mm	BL	1 pc	430083
DD-BL 62/430+ H4S	62 mm	430 mm	BL	1 pc	430084
DD-BL 67/430+ H4S	67 mm	430 mm	BL	1 pc	430085
DD-BL 72/430+ H4S	72 mm	430 mm	BL	1 pc	430086
DD-BL 77/430+ H4S	77 mm	430 mm	BL	1 pc	430087
DD-BL 82/430+ H4S	82 mm	430 mm	BL	1 pc	430088
DD-BL 87/430+ H4S	87 mm	430 mm	BL	1 pc	430089 ¹⁾
DD-BL 92/430+ H4S	92 mm	430 mm	BL	1 pc	430090
DD-BL 102/430+ H4S	102 mm	430 mm	BL	1 pc	430091
DD-BL 107/430+ H4S	107 mm	430 mm	BL	1 pc	430092 ¹⁾
DD-BL 112/430+ H4S	112 mm	430 mm	BL	1 pc	430093
DD-BL 122/430+ H4S	122 mm	430 mm	BL	1 pc	430094
DD-BL 132/430+ H4S	132 mm	430 mm	BL	1 pc	430095
DD-BL 142/430+ H4S	142 mm	430 mm	BL	1 pc	430096 ¹⁾
DD-BL 152/430+ H4S	152 mm	430 mm	BL	1 pc	430097
DD-BL 162/430+ H4S	162 mm	430 mm	BL	1 pc	430098
DD-BL 172/430+ H4S	172 mm	430 mm	BL	1 pc	430099 ¹⁾
DD-BL 182/430+ H4S	182 mm	430 mm	BL	1 pc	430100 ¹⁾
DD-BL 202/430+ H4S	202 mm	430 mm	BL	1 pc	430101
DD-BL 225/430+ H4S	225 mm	430 mm	BL	1 pc	430102 ¹⁾
DD-BL 250/430+ H4S	250 mm	430 mm	BL	1 pc	430103 ¹⁾
DD-BL 300/450 H4S	300 mm	450 mm	BL	1 pc	430134 ¹⁾
DD-BL 350/450 H4S	350 mm	450 mm	BL	1 pc	430135 ¹⁾
DD-BL 400/450 H4S	400 mm	450 mm	BL	1 pc	430136 ¹⁾
DD-BL 450/450 H4S	450 mm	450 mm	BL	1 pc	430137 ¹⁾
DD-BL 500/450 H4S	500 mm	450 mm	BL	1 pc	430138 ¹⁾

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Please visit our website for the latest item numbers and related products.

Change module DD-CM H4S



Applications

- Coring in the 35-250 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	Connection end	Sales pack quantity	Item number
DD-CM 35 H4S	35 mm	n/a	1 pc	420968
DD-CM 37 H4S	37 mm	n/a	1 pc	420969 ¹⁾
DD-CM 40 H4S	40 mm	n/a	1 pc	420970
DD-CM 42 H4S	42 mm	n/a	1 pc	420971
DD-CM 47 H4S	47 mm	n/a	1 pc	420972 ¹⁾
DD-CM 52 H4S	52 mm	n/a	1 pc	420973
DD-CM 57 H4S	57 mm	n/a	1 pc	420974 ¹⁾
DD-CM 62 H4S	62 mm	n/a	1 pc	420975
DD-CM 67 H4S	67 mm	n/a	1 pc	420976
DD-CM 72 H4S	72 mm	n/a	1 pc	420977
DD-CM 77 H4S	77 mm	n/a	1 pc	420978
DD-CM 82 H4S	82 mm	n/a	1 pc	420979
DD-CM 87 H4S	87 mm	n/a	1 pc	420980 ¹⁾
DD-CM 92 H4S	92 mm	n/a	1 pc	420981
DD-CM 102 H4S	102 mm	n/a	1 pc	420982
DD-CM 107 H4S	107 mm	n/a	1 pc	420983 ¹⁾
DD-CM 112 H4S	112 mm	n/a	1 pc	420984
DD-CM 122 H4S	122 mm	n/a	1 pc	420986
DD-CM 132 H4S	132 mm	n/a	1 pc	420987
DD-CM 142 H4S	142 mm	n/a	1 pc	420988 ¹⁾
DD-CM 152 H4S	152 mm	n/a	1 pc	420989
DD-CM 162 H4S	162 mm	n/a	1 pc	420990
DD-CM 172 H4S	172 mm	n/a	1 pc	420991 ¹⁾
DD-CM 182 H4S	182 mm	n/a	1 pc	420992
DD-CM 202 H4S	202 mm	n/a	1 pc	420993
DD-CM 225 H4S	225 mm	n/a	1 pc	420994 ¹⁾
DD-CM 250 H4S	250 mm	n/a	1 pc	420995 ¹⁾

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Connection end DD



Ordering designation	Connection end	Sales pack quantity	Item number
BI-1	BI+	1 pc	236120
DD-BL	BL	1 pc	305542
BR-1	BR	1 pc	236121 ¹⁾
BS-1	BS – 1 ¼"	1 pc	236123 ¹⁾
DD-BS 52-600	BS – 1 ¼"	12 pc	286794 ¹⁾
BU-1	BU	1 pc	236122

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Please visit our website for the latest item numbers and related products.

Core bit for continuous drilling X3



Technical data

Base materials	Concrete (reinforced)
Wet or dry operation	Wet

Ordering designation	Nominal diameter	Connection end	Sales pack quantity	Item number
DD-CM NX 20x9 X3	20 mm	BS – 1 ¼"	1 pc	415014 ¹⁾
DD-CM NX 30x18 X3	30 mm	BS – 1 ¼"	1 pc	415016 ¹⁾
DD-CM NX 40x28 X3	40 mm	BS – 1 ¼"	1 pc	415018 ¹⁾

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Change module X5



Technical data

Base materials	Natural stone (very hard materials)
Wet or dry operation	Wet

Ordering designation	Nominal diameter	Connection end	Sales pack quantity	Item number
DD-CM NX 20x9 X5	20 mm	BS – 1 ¼"	1 pc	415031 ¹⁾
DD-CM NX 30x18 X5	30 mm	BS – 1 ¼"	1 pc	415033 ¹⁾
DD-CM NX 40x28 X5	40 mm	BS – 1 ¼"	1 pc	415035 ¹⁾

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Core bit extension



Ordering designation	Nominal diameter	Working length	Connection end	Sales pack quantity	Item number
DD-ET NX 20x250	20 mm	250 mm	BS – 1 ¼"	1 pc	415064 ¹⁾
DD-ET NX 20x500	20 mm	500 mm	BS – 1 ¼"	1 pc	415065 ¹⁾
DD-ET NX 30x250	30 mm	250 mm	BS – 1 ¼"	1 pc	415068 ¹⁾
DD-ET NX 30x500	30 mm	500 mm	BS – 1 ¼"	1 pc	415069 ¹⁾
DD-ET NX 40x250	40 mm	250 mm	BS – 1 ¼"	1 pc	415072 ¹⁾
DD-ET NX 40x500	40 mm	500 mm	BS – 1 ¼"	1 pc	415073 ¹⁾

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Connection end



Ordering designation	Nominal diameter	Connection end	Sales pack quantity	Item number
DD-BS NX 20	20 mm	BS – 1 ¼"	1 pc	415088 ¹⁾
DD-BS NX 30	30 mm	BS – 1 ¼"	1 pc	415090 ¹⁾
DD-BS NX 40	40 mm	BS – 1 ¼"	1 pc	415092 ¹⁾

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Please visit our website for the latest item numbers and related products.

Extractor DD EX NX

Ordering designation	Nominal diameter	Connection end	Sales pack quantity	Item number
DD-EX NX 40	40 mm	BS – 1 ¼"	1 pc	415107¹⁾

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Extractor DD EX NX C

Ordering designation	Nominal diameter	Connection end	Sales pack quantity	Item number
DD-EX NX 40 C	40 mm	BS – 1 ¼"	1 pc	415121¹⁾

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Please visit our website for the latest item numbers and related products.

Wall saw DS TS 32 / D-LP 32



Applications

- Cutouts and breaches for doors, windows, ducts and shafts
- Controlled demolition and renovation

Advantages

- Rugged and durable saw system based on well-proven technology
- Outstanding sawing performance with a 63 amp supply thanks to automatic, electronically-controlled advance
- Traction Control (TC) calculates the optimum advance speed, making it possible to take full advantage of the available power
- Becomes a universal system for heavy concrete cutting, coring and demolition applications when used in conjunction with the
- DS-WSS30 wire saw kit and DD-750HY hydraulic coring rig



Technical data

Nominal power	43 kW
Rated voltage	400 V
Saw blade diameter - range	600 - 1600 mm
Supply cord length	1000 mm
Spindle speed	400 - 900 rpm
Weight hydraulic power unit	220 kg
Weight saw head	36 kg
Dimensions (LxWxH) - hydraulic power unit	790 x 540 x 1090 mm
Dimensions saw head	510 x 380 x 400 mm



Ordering designation	Package contents	Sales pack quantity	Item number
DS TS32 LP32 3x400V	1x Sawing head TS32 54 , 2x Hose DS-PH34-10 , 1x Hose DD-FH4/14-10 set, 4x Rail support DS-RF-L , 1x Hydraulic power unit LP 32 400V , 1x Remote control D RC-LP32 , 1x Center section DS-BG 80 , 1x Side section DS-BG 80 , 1x Tool set DS-LP32/TS32	1 pc	39126 ¹⁾

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Please visit our website for the latest item numbers and related products.

Wire saw DS WS 15



Applications

- Structural alteration of buildings – cuts openings of all kinds and almost any shape
- Technical demolition of structural components (bridges, chimneys, foundations)
- Sawing anything from heavily reinforced concrete to thick stonework
- Sawing in noise-sensitive locations

Advantages

- Up to 22 kW peak power and 15 kW effective continuous power rating with minimum water cooling – requires only a 32 A power supply
- Smooth, infinite adjustment of the drive speed from the control console
- Saw advance tension is easily adjustable at all times for maximum cutting performance
- Water flow on / off controllable from the control console
- Factory-fitted, quick-release couplings for greatly reduced coupling failure
- Robust design with electrical overload protection and maintenance-free air cylinder



Technical data

Nominal power	15 kW
Rated voltage	400 V
Wire storage capacity	9200 mm
Spindle speed	0 - 1700 rpm
Wire speed	0 - 27 m/s
Drive wheel diameter	280 mm
Weight - drive	266 kg
Weight - control unit	68 kg
Dimensions (LxWxH) - control unit	520 x 590 x 920 mm
Dimensions (LxWxH) - drive	1560 x 790 x 920 mm



Ordering designation	Package contents	Sales pack quantity	Item number
DS WS15 3x400V	1x Wire saw DS WS15 3x400V assy, 1x Tool set DS WS	1 pc	365429¹⁾

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Please visit our website for the latest item numbers and related products.

Wire saw DSW 3018-E

Applications

- Applications that must be completed within a very short time frame, demanding highest sawing performance
- Cutting heavily-reinforced concrete, masonry, stone or steel
- Dry wire sawing applications (e.g. decommissioning of power plants)
- Underwater applications (where the sawing wire runs partly under water)

Advantages

- High sawing performance thanks to two powerful motors each with 15 kW power output
- High starting torque reduces effort required to “grind-in” the wire
- Wire tension damping system reduces stress on the wire
- Long wire life thanks to infinitely variable cutting speed with visual indicator
- High productivity thanks to well-proven system components, optimally matched accessories and diamond wires



Technical data

Nominal power	30 kW
Rated voltage	400 V
Wire storage capacity	18400 mm
Supply cord length	10000 mm
Spindle speed	140 - 1900 rpm
Wire speed	2.5 - 35 m/s
Drive wheel diameter	360 mm
Weight - drive	550 kg
Weight - control unit	95 kg
Dimensions (LxWxH)- control unit	584 x 769 x 1060 mm















Diamond Coring and Sawing

Ordering designation	Package contents	Sales pack quantity	Item number
DSW 3018-E 3x400V	1x Wire saw DSW3018-E 3x400V kpl , 2x Single-pair pulley DSW-SPP 30 , 1x Water supply long, 1x Water supply short, 2x Hose 10m assy, 1x Tool set DSW-TS30	1 pc	2031881¹⁾

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Please visit our website for the latest item numbers and related products.






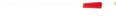

Accessories for Diamond Sawing Tools

		DS TS 32 / D-LP 32	DS WS 15	DSW 3018-E	Sales pack quantity	Item number
Ordering designation						
Center section DS-BG 120		■			1 pc	238004
Compressor 230V			■	■	1 pc	339306
Double taper pin D-CO-ML		■			1 pc	232241
Drive wheel DS-WSWD 280			■		1 pc	339315
Eccentric pin DD-EP-ML		■			1 pc	232244
End stop DS-ES-L		■			1 pc	371703
Flush cutting flange DS-FCA-110		■			1 pc	258436
Guide rail D-R100L		■			1 pc	310336
Guide rail D-R150L		■			1 pc	310337
Guide rail D-R200L		■			1 pc	310338
Guide rail DS-R100-L		■			1 pc	284808
Guide rail DS-R200-L		■			1 pc	284809

Accessories for Diamond Sawing Tools

Ordering designation		DS TS 32 / D-LP 32	DS WS 15	DSW 3018-E	Sales pack quantity	Item number
Guide wheel DS-WSW 200			■		1 pc	314374
Hose DD-FH4/14-10 set		■			1 pc	221129
Hose DS-PH34-10		■			1 pc	221128
Hose FH2/14-10 set		■			1 pc	226406
Plunging wheel DSW-PW			■		2 pc	365428
Plunging wheel DSW-PW rotatable			■		1 pc	247620
Rail support DS-RF		■			1 pc	207136
Rail support DS-RF-L		■			1 pc	284814
Release pulley DS-WSRW			■		1 pc	315834
Remote control D RC-LP32		■			1 pc	369312
Saw blade guard DS-BG16		■			1 pc	333883
Side section DS-BG100		■			1 pc	284828

Accessories for Diamond Sawing Tools

		DS TS 32 / D-LP 32	DS WS 15	DSW 3018-E	Sales pack quantity	Item number
Ordering designation						
Side section DS-BG120		■			1 pc	284829
Side section DS-BG 120		■			1 pc	238005
Side section DS-BG80		■			1 pc	284827
Tool set DS-LP32/TS32		■			1 pc	370690
Vertical sawing device DS-WSVC			■		1 pc	339312
Water supply long			■	■	1 pc	339307
Water supply short			■	■	1 pc	339379

Wall saw blade DS-BT HI/HY C-H



Applications

- Cutting reinforced concrete

Advantages

- Fast cutting and long blade life

Technical data

Base materials	Concrete, soft to hard
Laser-welded segments	Yes
Wet or dry operation	Wet

Ordering designation	Blade diameter	Arbour	Number of segments	Segment height	Segment length	Sales pack quantity	Item number
DS-BT 800 / HI C-H	800 mm	60 mm	46	10 mm	40 mm	1 pc	356214
DS-BT 1000 / HI C-H	1000 mm	60 mm	55	10 mm	40 mm	1 pc	356216
DS-BT 1200 / HI C-H	1200 mm	60 mm	65	10 mm	40 mm	1 pc	356217

Diamond wire DS-W Steel 20%



Applications

- Cutting reinforced concrete with up to 20% steel content

Advantages

- Universal

Technical data

Base materials	Concrete, soft to hard
Type	Electroplated
Wet or dry operation	Wet

Ordering designation	Flexible connector pre-assembled	Diameter	Sales pack quantity	Item number
DS-W 10.2 STEEL 20p.c.	No	10.2 mm	1 m	377830 ¹⁾

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Diamond wire DS-W 10.5 CH



Applications

- Cutting reinforced concrete

Advantages

- Long wire life and fast cutting progress

Technical data





Base materials	Concrete (hard)
Type	Sintered
Wet or dry operation	Wet

Ordering designation	Wire length	Flexible connector pre-assembled	Sales pack quantity	Item number
DS-W 10.5 CH		No	1 m	376634 ¹⁾
DS-W 10.5 CH/14M	14000 mm	Yes	1 pc	235838 ¹⁾
DS-W 10.5 CH/18M	18000 mm	Yes	1 pc	315020 ¹⁾
DS-W 10.5 CH/22M	22000 mm	Yes	1 pc	315023 ¹⁾
DS-W 10.5 CH/30M	30000 mm	Yes	1 pc	315029 ¹⁾
DS-W 10.5 CH/100M	100000 mm	No	1 pc	376631 ¹⁾

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Please visit our website for the latest item numbers and related products.

Accessories for Diamond Sawing Consumables

		DS-W 10.5 CH	DS-W Steel 20%		
Ordering designation				Sales pack quantity	Item number
Chuck jaw DS-WJ MK9 set		■	■	1 pc	340426
Connector DS-WC 10mm set		■	■	1 pc	371383
Crimping pliers DS-WSTHY		■	■	1 pc	235845
Sleeve DS-WS 10mm		■	■	1 pc	235841



Direct Fastening

Hilti. Outperform. Outlast.




General Purpose Powder-Actuated Tools, Cartridges & Nails

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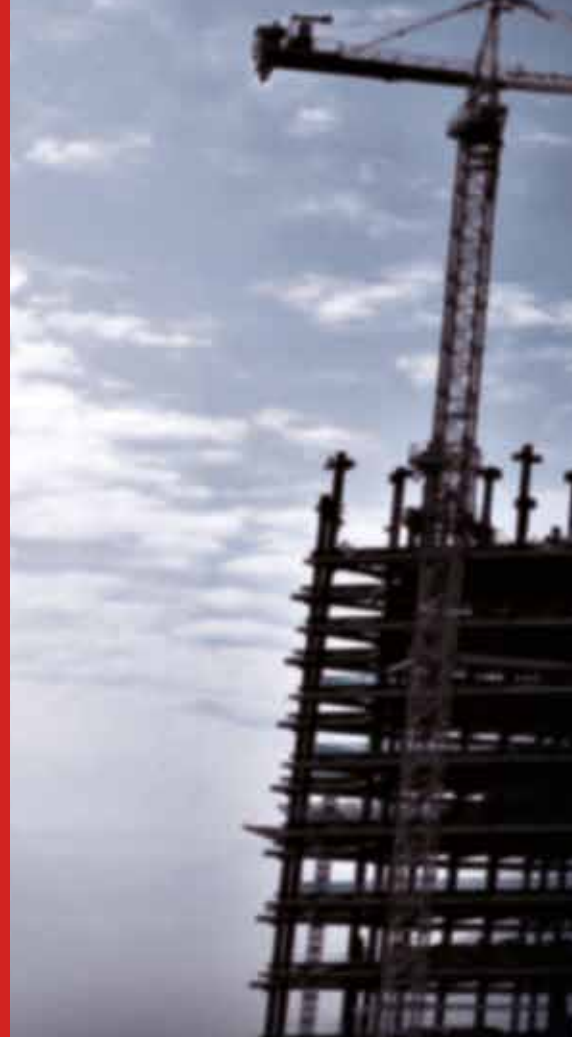

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Hilti direct fastening system

FAST BY NATURE.

Fasten in a fraction of a second – 0.7 is all it takes! Finish more jobs in less time, without cutting corners or taking risks, made possible by the speed, efficiency, simplicity and reliability of Hilti DX Systems. DX not only keeps vibration, noise and dust to a minimum, it also lets you work more efficiently and more safely, especially overhead or at varying altitudes.



The right choice.

Superior fastening solutions for every situation.



Simple handling sets Hilti direct fastening systems apart when fastening to steel, concrete, sand-lime block and masonry. Contact, trigger and firing safety systems protect the user and the environment.



M & E installations



Safe: ceiling fastenings without dust or ladder, and with minimal vibration.

Decking fastening



The Hilti DX76 is the fastest and safest method for fastening liner trays to steel.

Track fastening



The GX120 is the first choice for dry wall track fastening. It is cordless and works without a battery.

Powder-actuated fastening tool DX 36



Applications

- Fastenings on steel, concrete and masonry
- Fastening sheet metal to steel or concrete

Advantages

- Proven, reliable system
- Slim design for good access in tight spaces



Technical data

Weight	2.44 kg
Power (max.)	299 J



Ordering designation	Package contents	Sales pack quantity	Item number
DX 36	1x Powder-actuated tool DX 36 , 1x Cleaning kit DX 36 , 1x Ear protectors small, 1x Case	1 pc	384032

Powder-actuated tool DX 351 MX



Advantages

- Very user-friendly: light, low recoil, low noise
- Fully automatic with no cycling required



Technical data

Weight	2.4 kg
Power (max.)	245 J



Ordering designation	Package contents	Sales pack quantity	Item number
DX 351 (X-MX 27)	1x Piston X-P8S-351 , 1x Nail magazine X-MX 27 assy, 1x Cleaning kit DX 351 , 1x Ear protectors small, 1x Case	1 pc	333030 ¹⁾

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Please visit our website for the latest item numbers and related products.

Powder-actuated tool DX 460 MX 72



Applications

- Fastening wood to concrete, sand-lime block masonry or steel
- Fastening sheet metal to concrete, sand-lime block or steel
- Securing wall or brick ties

Advantages

- High fastening rate, low overall in-place cost
- Versatility: performs a wide variety of applications
- High productivity
- Fully automatic



Technical data

Weight	3.5 kg
Power (max.)	325 J



Direct
Fastening

Ordering designation	Package contents	Sales pack quantity	Item number
DX 460 MX 72	1x Nail magazine MX 72 Assy, 1x Piston X460P8 , 1x Ear protectors small, 1x Cleaning kit DX 460 , 1x Case	1 pc	371671¹⁾

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Please visit our website for the latest item numbers and related products.

Hand-drive tool BD1



Applications

- Fastening FB clips, punched band, light fixtures etc. on medium-hard concrete

Advantages

- Holds the nail securely in place
- Protects the hand from hammer impacts

Technical data

Weight	0.36 kg
---------------	---------



Ordering designation	Sales pack quantity	Item number
BD1	1 pc	10048

DX cartridge 6.8/11 M10



Applications

- For use with DX 460, DX 462, DX 351, DX 450, DX 36, DX A40, DX A41

Technical data

Collated	Yes
Approvals	PTB

Ordering designation	Cartridge type	Cartridge power level	Sales pack quantity	Item number
6,8/11 M black	.27 calibre short	Extra-heavy	100 pc	50354 ¹⁾
6,8/11 M BULK white	.27 calibre short	Extra-light	1000 pc	333317 ¹⁾
6,8/11 M red	.27 calibre short	Heavy	100 pc	50353
6,8/11 M green	.27 calibre short	Light	100 pc	50351
6,8/11 M yellow	.27 calibre short	Medium-light	100 pc	50352

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Please visit our website for the latest item numbers and related products.

General purpose nail X-U P8



Applications

- Fastenings on concrete and steel

Advantages

- One nail for almost any application

Technical data

Base materials	Concrete
Approvals	ICC ESR-2269 (USA), DIBt Z-14.4-517 (Deutschland)
Corrosion protection	Zinc-coated 5-13 µm

Ordering designation	Base materials	Fastener shank length	Sales pack quantity	Item number
X-U 22 P8	Concrete	22 mm	100 pc	237332
X-U 27 P8	Concrete	27 mm	100 pc	237333
X-U 16 P8	Steel	16 mm	100 pc	237330
X-U 32 P8	Steel, Concrete	32 mm	100 pc	237334
X-U 37 P8	Steel, Concrete	37 mm	100 pc	237335 ¹⁾
X-U 42 P8	Steel, Concrete	42 mm	100 pc	237336 ¹⁾
X-U 47 P8	Steel, Concrete	47 mm	100 pc	237337 ¹⁾
X-U 62 P8	Steel, Concrete	62 mm	100 pc	237340 ¹⁾
X-U 72 P8	Steel, Concrete	72 mm	100 pc	237342 ¹⁾

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

General purpose collated fastener X-U MX



Applications

- Fastening to concrete and steel, e.g. formwork, wood lath, plastic sheeting, drywall track, sheet metal, etc.

Advantages

- MX strips of 10 collated fasteners for high productivity and easy fastener loading

Technical data

Base materials	Concrete
Approvals	ICC ESR-2269 (USA), DIBt Z-14.4-517 (Deutschland)
Corrosion protection	Zinc-coated 5-13 µm

Ordering designation	Fastener shank length	Sales pack quantity	Item number
X-U 22 MX	22 mm	100 pc	237346 ¹⁾
X-U 27 MX	27 mm	100 pc	237347 ¹⁾

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

General-purpose nail for concrete X-C P8



Applications

- Fastening drywall track to concrete

Advantages

- Suitable for fastening to concrete where high load values are not required

Technical data

Base materials	Concrete, Some types of sand-lime block, Concrete block
Approvals	ICC ESR-1663 (USA), ICC ESR-1752 (USA)
Corrosion Protection	Zinc-coated 5-13 µm

Ordering designation	Fastener shank length	Sales pack quantity	Item number
X-C 22 P8	22 mm	100 pc	388534
X-C 27 P8	27 mm	100 pc	388535
X-C 32 P8	32 mm	100 pc	388536
X-C 37 P8	37 mm	100 pc	388537 ¹⁾
X-C 42 P8	42 mm	100 pc	388538 ¹⁾
X-C 52 P8	52 mm	100 pc	388540 ¹⁾
X-C 62 P8	62 mm	100 pc	388541 ¹⁾
X-C 72 P8	72 mm	100 pc	388542 ¹⁾
X-C 97 P8	97 mm	100 pc	360931 ¹⁾

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Please visit our website for the latest item numbers and related products.

General purpose collated nails for concrete X-C MX



Applications

- Attaching drywall track to masonry block and standard-strength concrete

Advantages

- MX collated strips of 10 nails for high productivity and easy fastener loading

Technical data

Base materials	Concrete
Approvals	ICC ESR-2269 (USA), DIBt Z-14.4-517 (Deutschland)
Corrosion protection	Zinc-coated 5-13 µm

Ordering designation	Fastener shank length	Sales pack quantity	Item number
X-C 20 MX	20 mm	1000 pc	388509
X-C 27 MX	27 mm	100 pc	388519

Micky pin with steel washer PN nails



Applications

- Fastening material to concrete

Advantages

- Nail with pre-mounted washer providing a larger bearing surface for improved clamping of fastened material













Technical data

Base materials	Concrete
For use with	BD1
Corrosion protection	Zinc-coated 5-13 µm

Ordering designation	Fastener shank length	Sales pack quantity	Item number
PN 514R	14 mm	500 pc	40351
PN 518R	18 mm	500 pc	40353

Please visit our website for the latest item numbers and related products.

Accessories for General Purpose Powder-Actuated Tools & Cartridges

		DX 36	DX 460 MX 72	DX 351 MX	Sales pack quantity	Item number
Ordering designation						
Fastener guide X-460-F10			■		1 pc	373319
Fastener guide X-460-F8S12			■		1 pc	373317
Fastener guide X-460 FIE-L			■		1 pc	377812
Fastener guide X-FG8S351 assy				■	1 pc	331093
Nail magazine X-MX 27 assy				■	1 pc	333315
Pipe X-PT 1FT			■		1 pc	254685
Pipe X-PT 3FT			■		1 pc	254684
Piston guide assy				■	1 pc	331203
Piston X-460-P10			■		1 pc	373300
Piston X-460 PIE-L			■		1 pc	377813
Pole tool X-PT 351 7FT assy			■		1 pc	333310
Pole tool X-PT 460 7FT assy			■		1 pc	371661
Spray 66 ML		■	■		1 pc	308976

Gas-actuated fastening tool GX 120



Applications

- Repetitive fastening of drywall track to concrete, concrete block and steel
- Attaching drywall track to floors, walls and ceilings
- Fastening reveal strips to walls
- Ideally suited to interior drywall track applications

Advantages

- No battery to charge so no need for a charger
- High fastening rate for high productivity and maximum efficiency
- Magazine holds 40 nails: very fast when used for repetitive fastening
- Wide range of nails: the right nails for fastening to a wide variety of materials
- Drives 750 fasteners with a single gas can



Technical data

Weight	3.9 kg
Power (max.)	100 J



Ordering designation	Package contents	Sales pack quantity	Item number
GX 120	1x Gas-actuated tool GX 120 , 1x Drift punch X-120 NP kit, 1x Ear protectors small, 1x Case	1 pc	274638

GX 120 gas can GC 21/22



Applications

- For use with GX 120 tool

Technical data

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

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



Applications

- Fastening to hard concrete

Advantages

- Ballistic point and high hardness for best performance in hard concrete

Technical data

Base materials	Concrete (hard)
For use with	GX 100, GX 100-E, GX 120, GX 120-ME
Approvals	ICC ESR-1752 (USA)

Ordering designation	Fastener shank length	Sales pack quantity	Item number
X-GHP 18 MX	18 mm	750 pc	340228
X-GHP 20 MX	20 mm	750 pc	285724

Please visit our website for the latest item numbers and related products.

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



Applications

- Fastening to concrete, block and masonry

Advantages

Available in lengths up to 39 mm

Technical data

Base materials	Concrete, Masonry, Brick, Concrete block
For use with	GX 100,GX 100-E,GX 120,GX 120-ME
Approvals	ICC ESR-1752 (USA)

Ordering designation	Fastener shank length	Sales pack quantity	Item number
X-GN 20 MX	20 mm	750 pc	340232
X-GN 27 MX	27 mm	750 pc	340230
X-GN 32 MX	32 mm	750 pc	340233¹⁾
X-GN 39 MX	39 mm	750 pc	340234¹⁾

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

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



Applications

- Fastening to steel

Advantages

- Ballistic point and high hardness for excellent performance on steel

Technical data

Base materials	Steel
For use with	GX 100,GX 100-E,GX 120,GX 120-ME
Approvals	ICC ESR-1752 (USA)

Ordering designation	Fastener shank length	Sales pack quantity	Item number
X-EGN 14 MX	14 mm	750 pc	340231

Please visit our website for the latest item numbers and related products.

Accessories for Drywall Applications

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Powder-actuated tool DX 351 M+E



Applications

- Fastening conduits
- Electric light fixtures
- Fastening suspended ceilings

Advantages

- Light and compact
- Low recoil
- Automatic piston return



Technical data

Weight	2.2 kg
Power (max.)	245 J



Ordering designation	Package contents	Sales pack quantity	Item number
DX 351 M+E	1x Piston X-P8S-351, 1x Fastener guide X-FG8ME351 assy, 1x Cleaning kit DX 351, 1x Ear protectors small, 1x Case	1 pc	373183¹⁾

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Direct Fastening

Powder-actuated tool DX 460-F8



Applications

- Fastening wood to concrete, sand-lime block or steel
- Fastening sheet metal to concrete, sand-lime block or steel
- Installing wall or brick ties

Advantages

- Versatility: performs a wide variety of applications
- Great ergonomics with reduced recoil
- High productivity



Technical data

Weight	3.2 kg
Power (max.)	325 J



Ordering designation	Package contents	Sales pack quantity	Item number
DX 460 F8	1x Piston X460P8, 1x Fastener guide X-460-F8 assy, 1x Ear protectors small, 1x Cleaning kit DX 460, 1x Case	1 pc	305175

Please visit our website for the latest item numbers and related products.

Ceiling hanger X-CC U22 P8 W1



Applications

- Ceiling suspensions on concrete

Advantages

- Premium nail for improved fastening quality on concrete

Technical data

Base materials	Concrete, Lightweight concrete, Concrete over metal deck
Material composition	Galvanized steel
Corrosion protection	Zinc-coated 5-13 µm

Ordering designation	Fastener shank length	Sales pack quantity	Item number
X-CC U27 P8	27 mm	100 pc	386230 ¹⁾

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Threaded rod hanger X-HS M P8 S15



Applications

- Installing suspended components, e.g. ceiling frames or pipes, on hard concrete or steel

Advantages

- Ballistic point for optimum driving characteristics

Technical data

Material composition	Nail: carbon steel, Zinc coating 5-13 µm, Fixation element: galvanized steel sheet
Corrosion protection	Zinc-coated
Environmental conditions	Indoor, dry conditions

Ordering designation	Base materials	Fastener shank length	Sales pack quantity	Item number
X-HS M10 U32 P8 S15	Concrete	32 mm	100 pc	361790 ¹⁾
X-HS M10 U19 P8 S15	Steel	19 mm	100 pc	386215 ¹⁾

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Threaded stud (for 8mm washer) X-M6 FP8/D8



Applications

- For fastenings on concrete: channels, pipe rings, suspended ceilings etc.

Advantages

- Easy-to-use cordless system - up to 10 times quicker than drilling and with less vibration

Technical data

Base materials	Concrete
Corrosion protection	Zinc-coated 5-13 µm
Environmental conditions	Indoor, dry conditions

Ordering designation	Thread length	Sales pack quantity	Item number
X-M6-11-27FP8	11 mm	100 pc	306077 ¹⁾
X-M6-20-27FP8	20 mm	100 pc	306079 ¹⁾

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Threaded stud (for 8mm washer) X-M8 P8



Applications

- For fastenings on concrete: channels, pipe rings, suspended ceilings etc.

Advantages

- Easy-to-use cordless system - up to 10 times quicker than drilling and with less vibration

Technical data

Base materials	Concrete
Corrosion protection	Zinc-coated 5-13 µm
Environmental conditions	Indoor, dry conditions

Ordering designation	Thread length	Sales pack quantity	Item number
X-M8-15-27P8	15 mm	100 pc	306092 ¹⁾
X-M8-20-32P8	20 mm	100 pc	306096 ¹⁾

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Please visit our website for the latest item numbers and related products.

Threaded stud (for 8mm washer) X-EM6H FP8



Applications

- For threaded connections (e.g. for channels, angle brackets) on steel

Advantages

- For steel strengths up to 450 N/mm²

Technical data

Approvals	ABS, LR
Base materials	Steel
Corrosion protection	Zinc-coated 5-13 µm

Ordering designation	Thread length	Sales pack quantity	Item number
X-EM6H-11-9FP8	11 mm	100 pc	271963 ¹⁾

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Threaded stud (for 8mm washer) X-EM8H P8



Applications

- For threaded connections (e.g. for channels, angle brackets) on steel

Advantages

- For steel strengths up to 450 N/mm²

Technical data

Approvals	ABS, LR, ICC-ES ESR-2347
Base materials	Steel
Corrosion protection	Zinc-coated 5-13 µm

Ordering designation	Thread length	Sales pack quantity	Item number
X-EM8H-15-12P8	15 mm	100 pc	271981 ¹⁾

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Please visit our website for the latest item numbers and related products.

Gas-actuated tool GX 120-ME



Applications

- Versatile fastening system for various electrical and mechanical applications
- Fastening to concrete, concrete block and steel
- For fastening electrical equipment: conduits, junction boxes, lighting fixtures

Advantages

- Gas-actuated tool with no battery to charge and no need for an external electric supply
- Compact design for access in corners and tight areas
- World's first ever tool of its kind with a gas gauge to help avoid running out of gas unexpectedly
- Durable, lightweight and reliable



Technical data

Weight	3.8 kg
Power (max.)	100 J



Ordering designation	Package contents	Sales pack quantity	Item number
GX 120-ME	1x Gas-actuated tool GX 120-ME, 1x Drift punch X-120 NP kit, 1x Ear protectors small, 1x Case	1 pc	274898¹⁾

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Cable trunking fastener X-ET MX



Applications

- Fastening cable trunking

Advantages

- Friction fit in the nose of GX/DX tools for easy handling

Technical data

Base materials	Concrete, Steel
Material composition	Polyamide, Halogen and silicone free, Self-extinguishing according to UL 94 HB

Ordering designation	Sales pack quantity	Item number
X-ET MX	250 pc	285718¹⁾

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Please visit our website for the latest item numbers and related products.

Cable clamp X-EKS MX



Applications

- Fastening cable conduits

Advantages

- Quick, cost-efficient fastening

Technical data

Base materials	Concrete, Sand-lime block, Masonry (solid), Steel
Material composition	Polyamide, Halogen and silicone free, Self-extinguishing according to UL 94 HB

Ordering designation	Cable conduit diameter	Sales pack quantity	Item number
X-EKS 20 MX	20 mm	100 pc	285720 ¹⁾
X-EKS 25 MX	25 mm	100 pc	285721 ¹⁾
X-EKS 32 MX	32 mm	100 pc	285722 ¹⁾

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Conduit clip X-FB MX



Applications

- Fastening flexible and rigid electrical conduits, water and heating pipes, injection hoses

Advantages

- Quick, cost-efficient fastening

Technical data

Base materials	Concrete, Sand-lime block, Masonry (solid), Steel
Material composition	Fixation element: galvanized steel sheet, Zinc coating 10-20 µm, Plastic component: polyamide (halogen and silicone free)
Corrosion protection	Zinc-coated

Ordering designation	Cable conduit diameter	Sales pack quantity	Item number
X-FB 11 MX	11 mm	200 pc	286798 ¹⁾
X-FB 20 MX	20 mm	200 pc	286800 ¹⁾
X-FB 25 MX	25 mm	200 pc	286802 ¹⁾

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Stand-off clamp X-EMTSC MX



Applications

- Fastening cable conduits

Advantages

- Quick, cost-efficient fastening

Technical data

Base materials	Concrete, Sand-lime block, Steel, Masonry (CMU)
Material composition	Fixation element: galvanized steel sheet, Zinc coating 10-20 µm, Plastic component: polyamide (halogen and silicone free)
Corrosion protection	Zinc-coated

Ordering designation	Sales pack quantity	Item number
X-EMTSC 1/2" MX	100 pc	228338 ¹⁾
X-EMTSC 3/4" MX	100 pc	228339 ¹⁾
X-EMTSC 1" MX	100 pc	228340 ¹⁾

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Please visit our website for the latest item numbers and related products.

Cable tie holder X-ECT MX



Applications

- Fastening electrical cables, electrical conduits, water or heating pipes

Advantages

- The most time and cost-efficient method of installing cables and conduits

Technical data

Base materials	Steel, Concrete, Brick
Material composition	Polyamide, Halogen and silicone free, Self-extinguishing according to UL 94 HB

Ordering designation	Sales pack quantity	Item number
X-ECT MX	100 pc	285709¹⁾

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Threaded rod hanger X-HS M MX



Applications

- For light-duty fastenings on ceilings

Advantages

- Quick, cost-efficient fastening

Technical data

Base materials	Concrete, Steel
Material composition	Fastener: carbon steel, Zinc coating min. 2.5 µm
Corrosion protection	Zinc-coated

Ordering designation	Sales pack quantity	Item number
X-HS M8 MX	100 pc	273368¹⁾

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Ceiling clip X-CC MX



Applications

- For light weight fastenings on ceilings

Advantages

- Friction fit in the nose of GX/DX tools for easy handling

Technical data

Base materials	Concrete, Steel
Material composition	Fixation element: galvanized steel sheet, Zinc coating min. 2.5 µm, Plastic component: polyamide (halogen and silicone free)
Corrosion protection	Zinc-coated

Ordering designation	Sales pack quantity	Item number
X-CC MX	100 pc	228342¹⁾

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Please visit our website for the latest item numbers and related products.

Threaded stud XG FP7



Applications

- Threaded connections with low loads

Advantages

- Easy-to-use cordless system - up to 10 times quicker than drilling and with less vibration

Technical data

Material composition	Carbon steel
Corrosion protection	Zinc-coated 2-8 µm

Ordering designation	Thread length	Shank length	Sales pack quantity	Item number
Kit XG-M6 7 14 FP7 + GC 21	7 mm	14 mm	750 pc +1 pc	403081 ¹⁾
Kit XG-M6 7 27 FP7 + GC 21	7 mm	27 mm	750 pc +1 pc	403082 ¹⁾

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Please visit our website for the latest item numbers and related products.

Semi-automatic powder-actuated tool DX 76-PTR



Applications

- Fastening siding and roofing profile metal sheets, liner trays and steel composite systems on steel supports

Advantages

- Innovative PTR (punch through resistance) system plus the well-proven piston principle ensure maximum safety for users and bystanders
- Reliable magazine system and rugged design for reliable, quick and efficient operation
- Easy assembly and disassembly for on-the-spot maintenance, no tools required
- Superior ergonomic design



Technical data

Weight	4.4 kg
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Ordering designation	Package contents	Sales pack quantity	Item number
DX 76 PTR	1x Piston X-76-P-PTR X-ENP, 1x Nail magazine MX 76 PTR assy, 1x Ear protectors small, 1x Cleaning kit DX 76/860, 1x Check gauge DX 76 PTR, 1x Case	1 pc	388219¹⁾

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

DX cartridges 6.8/18 M10

Applications

- For use with DX 76 / 750 / 650



Advantages

- Maximum reliability and best performance with the Hilti DX system

Technical data

Collated	Yes
Approvals	PTB

Ordering designation	Cartridge power level	Sales pack quantity	Item number
6.8/18 M10 STD black	Extra-heavy	100 pc	416486¹⁾
6.8/18 M10 STD red	Heavy	100 pc	416484¹⁾

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Nail X-ENP MX

Applications

- Decking



Advantages

- No predrilling required even on thick steel

Technical data

Corrosion protection	Zinc-coated 8-16 µm
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Ordering designation	Washer size	Sales pack quantity	Item number
X-ENP-19 L15MX	15 mm	1000 pc	283507¹⁾

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Please visit our website for the latest item numbers and related products.

Sheet metal nail X-ENP HVB



Applications

- Composite floor decking

Advantages

- Suitable for fastening directly to steel beams or through profile metal sheets

Technical data

Base materials	Steel
Approvals	SCI, SOCOTEC, TZUS
Corrosion protection	Zinc-coated 8-16 µm

Ordering designation	Fastener shank length	Washer size	Sales pack quantity	Item number
X-ENP-21 HVB	26 mm	15 mm	100 pc	283512 ¹⁾

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Shear connector X-HVB



Applications

- Shear connector for composite floor decks

Advantages

- Mobile solution to suit jobsite conditions, eliminates the need for welding

Technical data

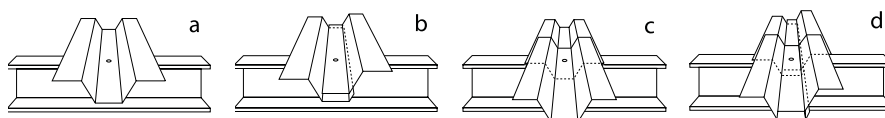
Material composition	Carbon steel Rm = 295-350 N/m ²
Corrosion protection	Zinc coated > 3 µm
Approvals	DIBt (Germany), SCI, SOCOTEC (France), TZUS

Ordering designation	Sales pack quantity	Item number
X-HVB 80	250 pc	239357 ¹⁾

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Please visit our website for the latest item numbers and related products.

Installation guide for mounting X-ENP-19 (MX) on to steel

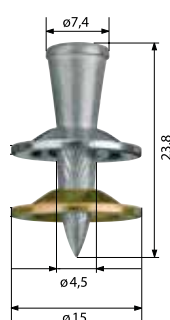
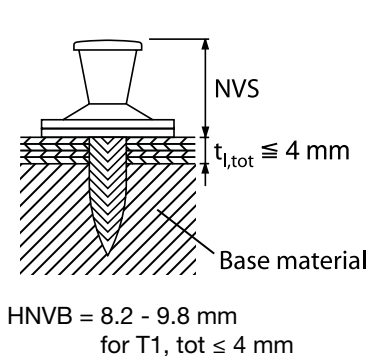
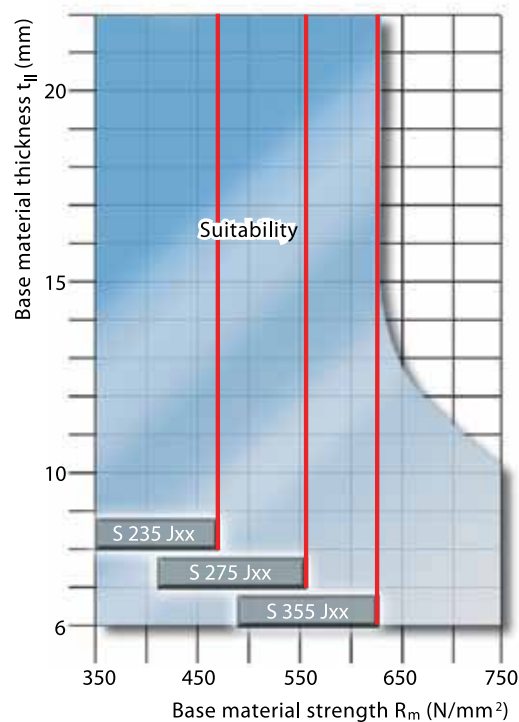
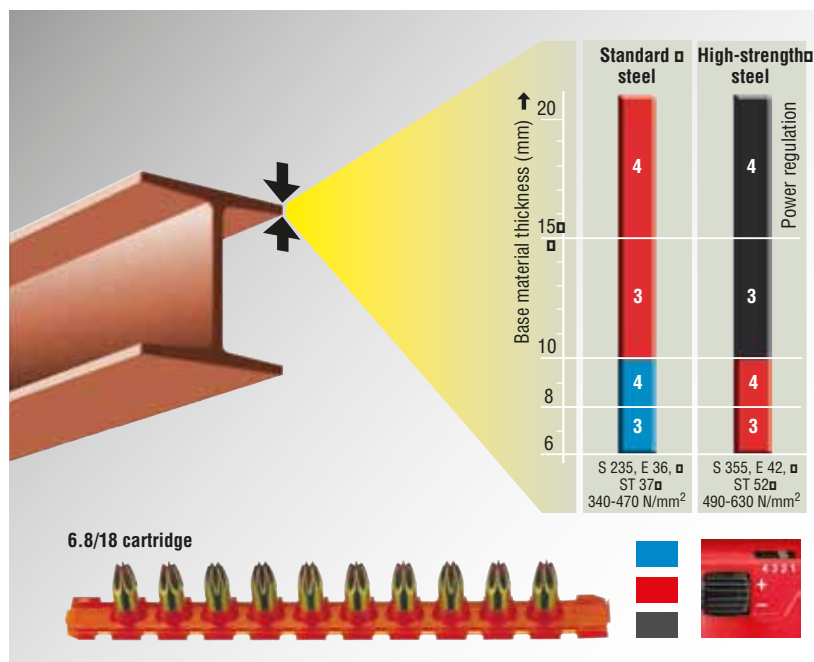


Load value table











Recommended resistances see ETA-04/0101 and Eurocode

Metal thickness [mm]	Cross load [kN]	Tension load [kN]	Mounting type A	Mounting type B	Mounting type C	Mounting type D
0.75	2.50	3.35	■	■	■	■
0.88	2.90	3.85	■	■	■	■
1.00	3.20	4.25	■	■	■	■
1.13	3.75	4.50	■		■	
1.25	4.25	4.70	■		■	
1.50	4.60	4.70	■			
1.75	4.60	4.70	■			
2.00	4.60	4.70	■			
2.50	4.60	4.70	■			

For design values, contact Hilti Customer Service



Accessories for Decking and Siding

		DX 76-PTR	X-ENP MX	X-ENP HVB	X-HVB		
Ordering designation						Sales pack quantity	Item number
Fastener guide X-76-F-10-PTR		■				1 pc	388850
Fastener guide X-76-F-15-PTR assy		■				1 pc	384256
Fastener guide X-76-F-8-GR-PTR		■				1 pc	388852
Fastener guide X-76-F-HVB-PTR		■		■	■	1 pc	388846
Piston brake X-76-PB-PTR						1 pc	385205
Piston X-76-ENP2K-PTR set		■				1 pc	384258
Piston X-76-ENP-PTR set		■	■			1 pc	384257
Piston X-76-P-10-PTR		■				1 pc	388851
Piston X-76-P-KWIK-PTR		■				1 pc	388849
Spray 66 ML		■				1 pc	308976

Powder-actuated tool DX 351-BT



Applications

- Fastening to coated steel in corrosive environments without need for preparatory work
- Light-duty fastenings for electrical items such as cables, conduit clips, cable trays
- Installing junction boxes, lighting, switch boards
- Light-duty fastenings for items such as pipe hangers, installation channels, etc.
- Outfitting steel structures with cabinets, lighting, signage, electrical junction boxes and conduit

Advantages

- A quick, easy and reliable fastening solution that requires no subsequent steel finishing
- Resistant to stress corrosion cracking and hydrogen embrittlement
- Ideal for use on high-strength coated steel 5/16" or thicker
- Requires no external power source

Technical data

Weight	2.28 kg
Power (max.)	85 J



Ordering designation	Package contents	Sales pack quantity	Item number
XBT set (DX 351 BT)	1x Piston X-351 BT P 1024 , 1x Fastener guide X-351 BT FG M1024 assy, 1x Cleaning kit DX 351 , 1x Ear protectors small, 1x Case, 1x Cordless drill XBT 4000-A , 2x Battery pack SFB 185 3,0AH , 1x Battery charger C 7/24 230V EU , 1x Case	1 pc	3456536¹⁾

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Please visit our website for the latest item numbers and related products.

Powder-actuated tool DX 351-BTG



Applications

- Fastening gratings using the X-BT M8 fastener
- Fastening to coated steel in corrosive environments using 8 mm threaded studs

Advantages

- A quick, easy and reliable fastening solution that eliminates the need for subsequent finishing
- Resistant to stress corrosion cracking and hydrogen embrittlement
- Ideal for use on high-strength coated steel, 8 mm or thicker
- Very efficient working method as no external power source is required



Technical data

Weight	2.36 kg
Power (max.)	85 J



Direct Fastening

Ordering designation	Package contents	Sales pack quantity	Item number
XBT set (DX 351 BTG)	1x Piston X-351 BT P G , 1x Fastener guide X-351 BT FG G assy, 1x Cleaning kit DX 351 , 1x Ear protectors small, 1x Case, 1x Cordless drill XBT 4000-A , 1x Battery charger C 7/24 230V EU , 2x Battery pack SFB 185 3,0AH , 1x Case	1 pc	3456538

Cordless drill X-BT 4000-A

Applications

- For use with the X-BT system for coated, painted and high-strength steel applications

Advantages

- Cordless high speed drill exclusively designed for the X-BT fastening system
- Great drilling performance on steel with small-diameter bits



Technical data

Mains frequency	60 Hz
Max. torque	6 Nm
No-load speed - range	0 - 4000 rpm
Chuck type	Keyless chuck, up to 13 mm
Weight	2.5 kg



Ordering designation	Package contents	Sales pack quantity	Item number
XBT 4000-A	1x Cordless drill XBT 4000-A	1 pc	378266

Please visit our website for the latest item numbers and related products.

DX cartridge for the X-BT 6.8/11 M10 brown



Applications

- Driving X-BT threaded studs on steel

Technical data

Collated	Yes
For use with	DX 351 BT, DX 351 BT G
Approvals	PTB

Ordering designation	Cartridge type	Cartridge power level	Sales pack quantity	Item number
6,8/11 M10 STD brown	.27 calibre short, 6.8/11 M10	Extra-light	100 pc	412689

Threaded stud (for coated steel, metric) X-BT M6



Applications

- Light-duty electrical installation (instrumentation panels, junction boxes), fitting out and much more

Advantages

- No finishing work required: steel corrosion protection remains intact

Technical data

Approvals	ABS, DNV, GL, ICC ESR-2347, UL
Base materials	Steel
Corrosion protection	Equivalent to A4 (316) stainless steel

Ordering designation	Washer size	Sales pack quantity	Item number
X-BT M6-24-6 SN12-R	12 mm	100 pc	432266 ¹⁾

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Threaded stud for coated steel X-BT M8



Applications

- Fastening gratings to steel structures using the X-FCM-M and X-FCM-R grating disc

Advantages

- No finishing of the steel supporting structure required: steel corrosion protection remains intact

Technical data

Approvals	ABS, BV, DNV, GL, ICC ESR-2347, LR
Base materials	Steel
Corrosion protection	Equivalent to A4 (316) stainless steel

Ordering designation	Sales pack quantity	Item number
X-BT M8-15-6 SN12-R	100 pc	377074
X-SEA-R 30 M8 adapter	100 pc	432274 ¹⁾

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Please visit our website for the latest item numbers and related products.

Threaded stud (for coated steel, metric) X-BT M10



Applications

- Fastening cable trays, channels, strut, light-duty electrical installations (T-bars, instrumentation panels, junction boxes, etc.) fitting out and much more

Advantages

- No finishing work required: steel corrosion protection remains intact

Technical data

Approvals	ABS,BV,DNV,GL,ICC ESR-2347,LR,UL
Base materials	Steel
Corrosion protection	Equivalent to A4 (316) stainless steel

Ordering designation	Washer size	Sales pack quantity	Item number
X-BT M10-24-6 SN12-R	12 mm	100 pc	377078 ¹⁾

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Threaded stud (for coated steel, whitworth) X-BT W10



Applications

- Fastening cable trays, channels, strut, light-duty electrical installation (T-bars, instrumentation panels, junction boxes), fitting out and much more

Advantages

- No finishing work required: steel corrosion protection remains intact

Technical data

Approvals	ABS,BV,DNV,GL,ICC ESR-2347,LR,UL
Base materials	Steel
Corrosion protection	Equivalent to A4 (316) stainless steel

Ordering designation	Washer size	Sales pack quantity	Item number
X-BT W10-24-6 SN12-R	12 mm	100 pc	377076 ¹⁾

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Stepped drill bit TX-BT



Applications

- Pre-drilling for X-BT fastenings

Technical data

Base materials	Steel
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Ordering designation	Diameter	Sales pack quantity	Item number
TX-BT 4/7-80	4 mm	1 pc	377079 ¹⁾
TX-BT 4/7-110	4 mm	1 pc	377080

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Please visit our website for the latest item numbers and related products.

Grating fastening disc X-FCM



Applications

- Fastening gratings in dry and non-corrosive indoor environments

Technical data

Base materials	Steel
Corrosion protection	Zinc-coated
Environmental conditions	Indoors, dry and non-corrosive environment

Ordering designation	Diameter	Fastener shank length	Grating height	Sales pack quantity	Item number
X-FCM 25/30	50 mm	23 mm	25 - 30 mm	100 pc	26582 ¹⁾

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Grating disc (duplex coated) X-FCM-M



Applications

- Duplex coating suitable for fastening grating in mildly corrosive environments

Advantages

- Duplex coated disc

Technical data

Base materials	Steel
Corrosion protection	Duplex coating equivalent to 45 µm hot-dip galvanized
Environmental conditions	Indoors or mildly corrosive environment

Ordering designation	Diameter	Grating height	Sales pack quantity	Item number
X-FCM-M 25/30	50 mm	25 - 30 mm	100 pc	378683
X-FCM-M 35/40	50 mm	35 - 40 mm	100 pc	378684 ¹⁾
X-FCM-M 45/50	50 mm	45 - 50 mm	100 pc	378685 ¹⁾

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Grating disc (stainless steel) X-FCM-R



Applications

- Fastening grating in corrosive environments such as marine, offshore, petrochemical, power plants, etc.

Advantages

- Stainless steel disc

Technical data

Base materials	Steel
Material composition	Equivalent to A4 (316) stainless steel
Corrosion protection	Stainless steel, equivalent to SS316

Ordering designation	Diameter	Grating height	Sales pack quantity	Item number
X-FCM-R 25/30	50 mm	25 - 30 mm	100 pc	247181
X-FCM-R 1 1/4	50 mm	29 - 34 mm	100 pc	247184 ¹⁾
X-FCM-R 35/40	50 mm	35 - 40 mm	100 pc	247182
X-FCM-R 45/50	50 mm	45 - 50 mm	100 pc	247183 ¹⁾

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Please visit our website for the latest item numbers and related products.

Grating disc HDG X-FCP-F



Applications

- Fastening checker plate in mildly corrosive environments (not for off-shore use!)

Advantages

- Duplex coated disc

Technical data

Base materials	Steel
Corrosion protection	Duplex coating equivalent to 45 µm hot-dip galvanized
Environmental conditions	Indoors or mildly corrosive environment

Ordering designation	Diameter	Grating height	Sales pack quantity	Item number
X-FCP-F 5/10	45 mm	5 - 13 mm	200 pc	308859¹⁾

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Grating disc (stainless steel) X-FCP-R



Applications

- Fastening checker plate in corrosive environments such as in marine applications, offshore, petrochemical and power plants

Advantages

- Stainless steel disc for high corrosion resistance

Technical data

Base materials	Steel
Corrosion protection	Stainless steel, equivalent to SS316
Environmental conditions	Marine, offshore, petrochemical, power plants, etc.

Ordering designation	Diameter	Grating height	Sales pack quantity	Item number
X-FCP-R 5/10	45 mm	5 - 13 mm	200 pc	308860¹⁾

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Sealing ring X-FCP



Applications

- To be used with the X-FCP grating disc for proper sealing

Technical data

Material composition	Neoprene
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Ordering designation	Diameter	Sales pack quantity	Item number
X-FCP	39 mm	200 pc	308856¹⁾

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Please visit our website for the latest item numbers and related products.

Powder-actuated tool DX 460-GR



Applications

- Fastening gratings to steel structures for all types of buildings and plants: refineries, chemical plants, offshore platforms, civil engineering and industrial construction
- Fastening gratings to steel structures

Advantages

- Powder-actuated tool for fastening gratings using the X-CRM8 threaded stud or X-GR-RU grating fastener assembly
- Total mobility and complete independence from electrical power supplies (no cables)
- Outstanding ergonomic design and reduced recoil



Technical data

Weight	3.85 kg
Power (max.)	325 J



Ordering designation	Package contents	Sales pack quantity	Item number
DX 460 GR	1x Piston X-460-PGR, 1x Fastener guide X-460-FGR assy, 1x Ear protectors small, 1x Cleaning kit DX 460, 1x Case	1 pc	304394¹⁾

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Grating fastener X-GR RU P8



Applications

- Duplex coating suitable for fastening grating in mildly corrosive environment

Advantages

- Highly productive fasteners help reduce installation time and cost

Technical data

Base materials	Steel
Corrosion protection	Duplex coating equivalent to 45 µm hot-dip galvanized
Environmental conditions	Indoors or mildly corrosive environment

Ordering designation	Grating height	Sales pack quantity	Item number
X-GR RU 35/40 CR20 P8	35 - 40 mm	100 pc	384240¹⁾

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Please visit our website for the latest item numbers and related products.

Stepped drill bit TX-GR



Applications

- Pre-drilling for X-GR-RU fastenings on thick steel

Ordering designation	Diameter	Sales pack quantity	Item number
TX-GR-RU 3.4/10.5-110	3.4 mm	1 pc	412971 ¹⁾

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Universal nail X-CR P8



Applications

- Fastening in outdoor applications, directly or indirectly exposed to the weather

Advantages

- Stainless steel

Technical data

Base materials	Concrete, Steel
Corrosion protection	Stainless steel
Environmental conditions	Marine, offshore, petrochemical, power plants, etc.

Ordering designation	Fastener shank length	Sales pack quantity	Item number
X-CR 14 P8	14 mm	100 pc	306701 ¹⁾
X-CR 16 P8	16 mm	100 pc	247356 ¹⁾
X-CR 18 P8	18 mm	100 pc	247357 ¹⁾
X-CR 21 P8	21 mm	100 pc	247358
X-CR 24 P8	24 mm	100 pc	247359
X-CR 29 P8	29 mm	100 pc	247360 ¹⁾
X-CR 34 P8	34 mm	100 pc	247361 ¹⁾
X-CR 39 P8	39 mm	100 pc	247362 ¹⁾
X-CR 44P8	44 mm	100 pc	247363 ¹⁾
X-CR 54 P8	54 mm	100 pc	247429 ¹⁾

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Threaded stud (for steel, with 8 mm washer) X-CR M8



Applications

- Fastening grating and chequer plate in corrosive environments such as marine, offshore, petrochemical, power plants, etc.

Advantages

- Corrosion-resistant fastener ideal for fastening directly to steel

Technical data











Approvals	ABS, ICC, LR
Base materials	Steel
Corrosion protection	Equivalent to A4 (316) stainless steel

Ordering designation	Thread length	Sales pack quantity	Item number
X-CR M8-9-12 P8	9 mm	100 pc	372031 ¹⁾
X-CR M8-15-12 P8	15 mm	100 pc	372033 ¹⁾

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Please visit our website for the latest item numbers and related products.

Accessories for Grating and Fastening in Corrosive Environments

		X-CR M8 P8	DX 351-BT	DX 351-BTG	X-BT M8	X-BT M6	X-BT M10	DX 460-GR	X-GR RU P8	X-CR M8	X-BT W10		
Ordering designation												Sales pack quantity	Item number
Fastener guide X-351 BT FG M1024			■			■	■					1 pc	378674
Fastener guide X-351 BT FG W1024			■								■	1 pc	378673
Fastener guide X-460-F10								■				1 pc	373319
Fastener guide X-460-F8S12								■				1 pc	373317
Fastener guide X-460 FIE-L								■				1 pc	377812
Piston X-351 BT P 1024			■			■	■				■	1 pc	378676
Piston X-351 BT P G				■	■							1 pc	378677
Piston X-460-P10		■						■				1 pc	373300
Piston X-460 PIE-L		■						■				1 pc	377813
Spray 66 ML												1 pc	308976

Powder-actuated marking tool DX 462 CM



Applications

- Marking castings in a wide variety of shapes and types, marking all parts presently marked using a hammer and punches, marking items outside their normal production locations
- Stamping serial numbers on component parts of aircraft, ships, offshore platforms, rail cars, cranes, earthmoving equipment and other automotive parts in various heavy industries

Advantages

- Total mobility and complete independence from electrical power supplies
- Fully automatic piston return and cartridge advance achieves a higher marking rate without need to manually cycle the tool
- Marks may consist of up to 10 characters in any combination of letters and numbers in different type sizes
- A simple but secure locking mechanism ensures that the letters or numbers can be changed quickly and easily



Technical data

Weight	3.92 kg
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Direct
Fastening

Ordering designation	Package contents	Sales pack quantity	Item number
DX 462 CM	1x Marking head X-462-CM , 1x Piston X-462-PM , 1x Cleaning kit DX 460 , 1x Ear protectors small, 1x Case	1 pc	284710 ¹⁾

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Please visit our website for the latest item numbers and related products.

Marking character (high stress) X-MC S 8/10



Advantages

- Use of 8/10 characters allows up to 7 characters to be stamped simultaneously

Technical data

Base materials	Steel
----------------	-------

Ordering designation	Sales pack quantity	Item number
X-MC S 8/10 0-9 set	1 pc	7743 ¹⁾
X-MC S 8/10 A-Z set	1 pc	7744 ¹⁾

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Marking character (wide high stress) X-MC S 8/12



Advantages

- Use of 8/12 characters allows stamping up to 7 characters at a time

Technical data

Base materials	Steel
----------------	-------

Ordering designation	Sales pack quantity	Item number
X-MC S 8/12 0-9 set	1 pc	7745 ¹⁾
X-MC S 8/12 A-Z set	1 pc	7746 ¹⁾

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Marking character (narrow high-stress letters) X-MC S 5.6/6



Advantages

- Using 5.6/6 characters allows 10 characters to be stamped simultaneously in a smaller area

Technical data

Base materials	Steel
----------------	-------

Ordering designation	Sales pack quantity	Item number
X-MC S 5.6/6 0-9 set	1 pc	7619 ¹⁾
X-MC S 5.6/6 A-Z set	1 pc	7620 ¹⁾

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Please visit our website for the latest item numbers and related products.

Marking character (narrow high-stress) X-MC S 5.6/10



Advantages

- Use of 5.6/10 characters allows stamping up to 10 characters at a time

Technical data

Base materials	Steel
----------------	-------

Ordering designation	Sales pack quantity	Item number
X-MC S 5.6/10 0-9 set	1 pc	7621 ¹⁾
X-MC S 5.6/10 A-Z set	1 pc	7622 ¹⁾

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Marking character (narrow low-stress) X-MC LS 5.6/6



Direct
Fastening

Advantages

- Low-stress markings

Technical data

Base materials	Steel
----------------	-------

Ordering designation	Sales pack quantity	Item number
X-MC LS 5.6/6 0-9 set	1 pc	8114 ¹⁾
X-MC LS 5.6/6 A-Z set	1 pc	8115 ¹⁾

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Marking character (wide, low-stress letters) X-MC LS 8/10



Advantages

- Low-stress markings

Technical data

Base materials	Steel
----------------	-------

Ordering designation	Sales pack quantity	Item number
X-MC LS 8/10 A-Z set	1 pc	373523 ¹⁾
X-MC LS 8/10 0-9 set	1 pc	373524 ¹⁾

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Please visit our website for the latest item numbers and related products.

Accessories for Special Applications

Ordering designation		X-MC S 5.6/10	X-MC S 8/12	X-MC S 8/10	X-MC LS 8/10	X-MC LS 5.6/6	X-MC S 5.6/6	DX 462 CM	Sales pack quantity	Item number
Piston X-462-PM		■	■	■	■	■	■	■	1 pc	376231



Direct
Fastening

Anchor Systems

Hilti. Outperform. Outlast.





Introduction

Application Overview for Chemical and Mechanical Anchors	Page 187 - 194
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Injectable Adhesive Anchors and Rods

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Capsule Adhesive Anchors and Rods

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Undercut Anchors

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Expansion Anchors

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Screw Anchors

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Flush Anchors

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Other Metal Anchors

HLC Sleeve Anchor	Page 249 - 253
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Plastic Anchors

HPS Impact Anchor	Page 258 - 259
HUD Universal Plastic Anchor	Page 260 - 261
HGN Gas Concrete Anchor	Page 262
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Insulation Anchors

IZ Insulation Fastener and Plug	Page 275
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IDMS Metal Insulation Fastener	Page 277



Cast-in Anchors

HAC Anchor Channel	Page 278 - 283
HBC T-head bolt	Page 284 - 295

Breathe easy. Work productively.

DRILLING AND BORE-HOLE CLEANING IN ONE STEP.

Save time by drilling and cleaning in a single operation. Holes cleaned in compliance with applicable regulations allow for maximum loads and maximum reliability.



Hollow drill bits TE-YD

Hilti TE-YD* hollow drill bits make subsequent hole cleaning completely unnecessary. Dust is removed by the vacuum system while drilling is in progress. You therefore also benefit from faster drilling and a virtually dustless working environment. This drilling system makes rebar installation and anchoring extremely reliable.

*TE-CD hollow drill bits are available for SDS-plus connection.

Highest level of productivity.

Ideal for post-installed rebar connections with Hilti HIT-HY 200 injectable mortar. The Hilti TE-YD hollow drill bit makes subsequent hole cleaning for post-installed rebar connections and chemical anchors completely unnecessary. Dust is removed during the drilling process by the attached Hilti vacuum cleaner. This results in faster drilling and a virtually dust-free working environment. The risk of installation errors is minimized and health is not endangered by particulate matter.

Secure and reliable attachment.

ETAs for HIT-HY 200 injectable mortar regulate the innovative automatic hole cleaning with Hilti TE-CD and TE-YD hollow drill bits: simply drill and your holes will be cleaned in compliance with applicable regulations. Used in conjunction with Hilti universal vacuum cleaners, Hilti's TE-CD and TE-YD drill bits reduce emissions of fine dust by up to 97%.





Universal hybrid vacuum cleaner VC 20-U(M)-Y

The VC 20/40-U(M)Y is a hybrid universal vacuum cleaner, usable corded and cordless for wet and dry applications. Additionally to this outinnovative functionality, an universal charger was integrated into the hybrid tools, loading all Hilti battery platforms items (i.e. 14 V, 22 V and 36 V).



Cordless dispenser HDE 500-A22

- For dispensing Hilti HIT injectable mortar in 330 ml and 500 ml containers.
- For repetitive applications and rebar connections with greater anchorage depth.
- Powerful and durable for all construction site conditions.








Dust Removal System TE DRS-B

















Dust Removal System (DRS) connected to a vacuum cleaner absorbs the fine dust which is created especially during indoor breaking applications (up to 95–97 % reduction of fine dust).



Application overview for chemical anchors






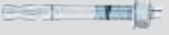


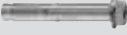




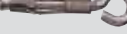

Chemical anchors			
Anchor specification			
	Order description	Highlights	Dimensions
	HIT-RE 500 HAS Rod HAS E Rod HIT V Rod Rebar	Large diameter applications, suitable for dry and water saturated concrete and underwater applications, long working time at elevated temperatures, deep embedment depths and suitable for use in diamond drilled holes	M8-M39 HIT V, HAS D8-D32 Rebar
	HIT-HY 200 HIT Z Rod HIT V Rod HIS N Sleeve 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, HIS N M8-M30 HIT V D8-D32 Rebar
	HIT-CT 1 HIT V Rod Rebar	Hilti Clean Technology (environment and user friendly free from hazardous substances), suitable for dry and water saturated concrete, fast cure	M8-M24 HIT V D8-D25 Rebar
	HIT-HY 70 HIT V Rod HAS Rod HAS E Rod HIT IC Sleeve HIT SC Sleeve	Specially designed for masonry including clay bricks, sand lime bricks, hollow bricks, concrete blocks and natural stone	M6-M12 HIT V, HAS, HAS E M8-M12 HIT IC, HIT SC
	HIT MM Plus HIT V Rod	Suitable for a wide range of base materials including concrete, masonry and concrete blocks	M6-M16
	HVU TZ HAS TZ Rod	Very high loading capacity suitable for dry and water saturated concrete	M10-M20
	HVU HAS Rod HAS E Rod	Very high loading capacity, large diameter applications, suitable for dry and water saturated concrete	M8-M39 HAS, HAS E M8-M20 HIS

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 2	Electroplated	Additional protection against corrosion	Stainless steel		Fire		European technical approval
																Shock load		Dynamic load
																Sprinkler		CE Marking

Anchor applications / approvals






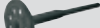

																				
																				
																				
																				
																				
																				
																				

Application overview for mechanical anchors















Mechanical anchors			
Anchor specification			
	Order description	Highlights	Dimensions
	HDA	Automatic undercutting with no special tools, setting mark for setting control, completely removable	M10–M20
	HSL-3	Force controlled expansion, reliable pull down, no rotation in hole when tightening bolt	M8–M24
	HSC	Self cutting undercut, low embedment depth	M6–M12
	HST	Safety wedge for follow up expansion	M8–M24
	HSA	3 different embedment depths, approved for diamond drilled holes	M6–M20
	HSV	Cold formed to prevent breaking during installation	M8–M16
	HUS-H	Quick and easy setting, low expansion forces, removable	8–14 mm
	HUS-6	Quick and easy setting, several head types: hex head, hex head with screw, hex head with socket, pan head	6 mm
	HLC	Available in several head types: hex, bolt, torx, countersunk, eyebolt, ceiling hanger	M5–M16
	HKD	Protruding lip and setting mark for reliable setting	M6–M20
	HKV	Setting mark for reliable setting	M6–M16
	DBZ	Reliable setting thanks to simple visual check, performs in tensile zone as redundant fastening only e.g. suspended ceilings	6 mm
	HHD-S	Specially designed for drywall	M4–M8
	HA8	Follow up expansion, performs in tensile zone as redundant fastening only e.g. suspended ceilings	8 mm
	HT	Expansion cone can not be lost	8–10 mm

Anchor Systems















































Application overview for mechanical anchors

Mechanical anchors			
Anchor specification			
	Order description	Highlights	Dimensions
	HRD	Excellent setting behaviour, versatile with regards base material, finishes and head types; hex, countersunk, pan	8, 10, 14 mm
	HPS	Impact and temperature resistant	4-8 mm
	HUD	Excellent setting behaviour suitable for a wide range of base materials. Available with screw	5-14 mm
	HLD	Plastic undercut	10 mm
	IDMR	Fastening of soft and hard insulation material up to 150 mm, fire rated	8 mm
	IZ	Fastening of soft and hard insulation material up to 180 mm	8 mm
	IDP	Fastening of soft and hard insulation material up to 150 mm	8 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 calculation software (PROFIS Anchor)	Electroplated	Additional protection against corrosion	Stainless steel		Fire		European technical approval		Shock load		Dynamic load		Sprinkler		CE Marking
																										

Anchor applications / approvals



Injectable mortar HIT-HY 200-R



Base materials

- Concrete (cracked)
- Concrete (uncracked)

Applications

- Anchoring structural steel connections (e.g. steel columns, beams)
- Seismic strengthening / retrofitting and bracing of reinforced concrete buildings
- Substitution of misplaced / missing rebars
- Anchoring safety barriers, balustrades, fire staircases
- Structural splices / straight connections with post-installed rebars
- Anchoring secondary steel structures (e.g. racking, guard rails, sound barriers)

Advantages

- No hole cleaning required with the revolutionary new Hilti HIT-Z anchor rod
- Automatic hole cleaning with TE-CD and TE-YD drill bits in combination with Hilti vacuum cleaners
- Working time optimized for rebar and deep anchoring applications
- Suitable for use in cracked and uncracked concrete with all anchor rods and rebar
- Fulfills the requirements of the most demanding ICC-ES and ETA C2 approvals for seismic applications
- Post-installed rebars perform like cast-in connections

Technical data

SAFEset	Yes
Seismic	Yes
Material composition	Hybrid urethane methacrylate adhesive
PROFIS	Yes
Storage and transportation temperature - max.	25 °C
Base material condition	Dry



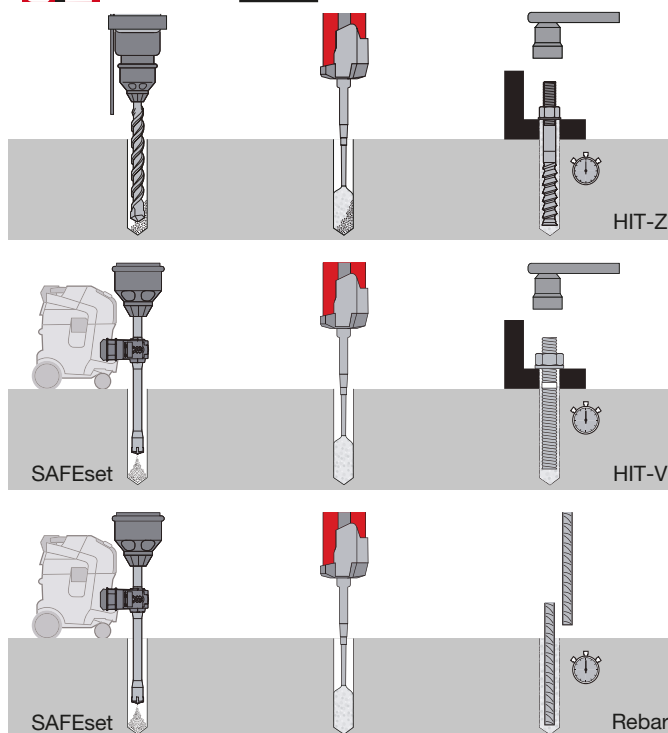
Approvals

ETA	ETA-12/0028 for HIT-HY 200-R and HIT-Z(R) en (ETAG 001-05, Option 1)
	ETA-12/0083 for HIT-HY 200-R rebar en (ETAG 001-05, Option -)
ETA Seismic	ETA-12/0084 for HIT-HY 200-R en (ETAG 001-05, Option 1)

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



SAFEset



These are abbreviated instructions which may vary by application. Always review/follow the instructions accompanying the product or refer to www.hilti.com/techlib.

Ordering designation	Package contents	Sales pack quantity	Item number
COMBO HY 200-R 330/2	100x Foil pack, 1x HDM 330, 1x HIT-CR 330 Cartridge holder, 1x Blower	1 set	3503204
COMBO HY 200-R 500/2	100x Foil pack, 1x HDM 500, 1x HIT-CR 500 Cartridge holder, 1x Blower	1 set	3503205
HIT-HY 200-R 330/2/EE	1x Foil pack, 2x Mixer, 1x Mixer extension	1 pc	2045036
HIT-HY 200-R 500/2/EE	1x Foil pack, 2x Mixer, 1x Mixer extension	1 pc	2045032

Please visit our website for the latest item numbers and related products.

Anchor rod (carbon steel) HIT-Z



Approvals

ETA	ETA-12/0006 for HIT-HY 200-A and HIT-Z(R) en (ETAG 001-05, Option 1)
	ETA-12/0028 for HIT-HY 200-R and HIT-Z(R) en (ETAG 001-05, Option 1)

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



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

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 pc	2018365
HIT-Z M8x120	M8	10 mm	120 mm	48 mm	10 Nm	40 pc	2018366
HIT-Z M10x95	M10	12 mm	95 mm	22 mm	25 Nm	40 pc	2018367
HIT-Z M10x115	M10	12 mm	115 mm	42 mm	25 Nm	40 pc	2018368
HIT-Z M10x135	M10	12 mm	135 mm	62 mm	25 Nm	40 pc	2018369
HIT-Z M12x105	M12	14 mm	105 mm	29 mm	40 Nm	20 pc	2018411
HIT-Z M12x140	M12	14 mm	140 mm	64 mm	40 Nm	20 pc	2018412
HIT-Z M12x155	M12	14 mm	155 mm	79 mm	40 Nm	20 pc	2018413
HIT-Z M16x155	M16	18 mm	155 mm	38 mm	80 Nm	12 pc	2018416
HIT-Z M16x175	M16	18 mm	175 mm	58 mm	80 Nm	12 pc	2018417
HIT-Z M16x205	M16	18 mm	205 mm	88 mm	80 Nm	12 pc	2018418
HIT-Z M20x215	M20	22 mm	215 mm	91 mm	150 Nm	6 pc	2018420
HIT-Z M20x250	M20	22 mm	250 mm	126 mm	150 Nm	6 pc	2018421

Anchor rod (A4 stainless steel) HIT-Z-R



Approvals

ETA	ETA-12/0006 for HIT-HY 200-A and HIT-Z(R) en (ETAG 001-05, Option 1)
	ETA-12/0028 for HIT-HY 200-R and HIT-Z(R) en (ETAG 001-05, Option 1)

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



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

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
HIT-Z-R M8x100	M8	10 mm	100 mm		28 mm	10 Nm	40 pc	2018423
HIT-Z-R M8x120	M8	10 mm	120 mm		48 mm	10 Nm	40 pc	2018424
HIT-Z-R M10x95	M10	12 mm	95 mm	120 mm	22 mm	25 Nm	40 pc	2018425
HIT-Z-R M10x115	M10	12 mm	115 mm	120 mm	42 mm	25 Nm	40 pc	2018426
HIT-Z-R M10x135	M10	12 mm	135 mm	120 mm	62 mm	25 Nm	40 pc	2018427
HIT-Z-R M12x105	M12	14 mm	105 mm		29 mm	40 Nm	20 pc	2018429
HIT-Z-R M12x140	M12	14 mm	140 mm		64 mm	40 Nm	20 pc	2018430
HIT-Z-R M12x155	M12	14 mm	155 mm		79 mm	40 Nm	20 pc	2018431
HIT-Z-R M16x155	M16	18 mm	155 mm		58 mm	80 Nm	12 pc	2018434
HIT-Z-R M16x175	M16	18 mm	175 mm		88 mm	80 Nm	12 pc	2018435
HIT-Z-R M16x205	M16	18 mm	205 mm		123 mm	80 Nm	12 pc	2018436
HIT-Z-R M20x215	M20	22 mm	215 mm		91 mm	150 Nm	6 pc	2018438
HIT-Z-R M20x250	M20	22 mm	250 mm		126 mm	150 Nm	6 pc	2018439

Please visit our website for the latest item numbers and related products.

Slow-cure injection system HIT-RE 500-SD



Base materials

- Concrete (cracked)
- Concrete (uncracked)

Applications

- Fastenings requiring seismic qualification
- Structural connections with post-installed rebar (e.g. extension/ connection to walls, slabs, stairs, columns, foundations, etc.)
- Anchoring structural steel connections (e.g. steel columns, beams, etc.)
- Special applications requiring electrical insulation, such as fastening emergency escape handrails in tunnels
- Structural renovation of buildings, bridges and other civil structures Retrofitting and re-strengthening of concrete members possible
- Substitution of misplaced / missing rebar or couplers

Advantages

- Suitable for use in cracked and uncracked concrete with all anchoring elements
- Seismic approval allows use for seismic applications
- Suitable for fastening in diamond-cored holes (ICC-ESR)
- High performance and technical superiority as per international approvals
- No expansion forces in concrete allow secure installation even close to edges and/or with close spacing
- Odorless hence convenient to work with

Technical data

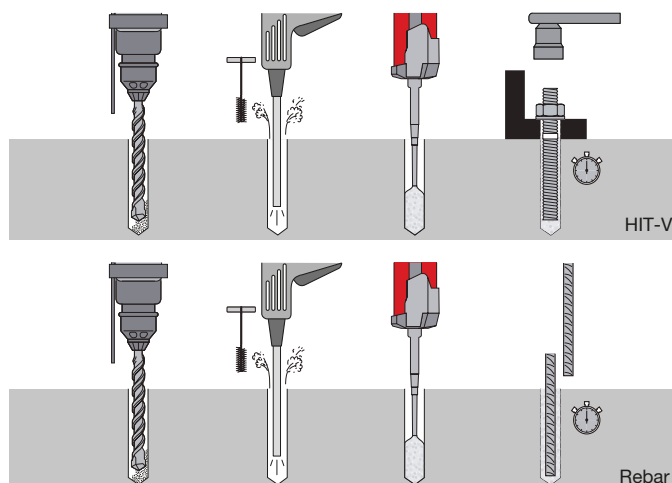
SAFEset	No
Seismic	Yes
Material composition	Epoxy adhesive
Tested/approved for diamond drilling	Yes
PROFIS	Yes
Storage and transportation temperature - max.	25 °C
Base material condition	Dry, Wet



Approvals

ETA	ETA-09/0295 for HIT-RE 500-SD rebar (ETAG 001-5, Option 1)
ETA Seismic	ETA-07/0260 for HIT-RE 500-SD (ETAG 001-5, Option 1)

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



These are abbreviated instructions which may vary by application. Always review/follow the instructions accompanying the product or refer to www.hilti.com/techlib.

Ordering designation	Package contents	Sales pack quantity	Item number
HIT-RE 500-SD/330/1	1x Foil pack, 1x Mixer, 1x Mixer extension	1 pc	387092 ¹⁾
HIT-RE 500-SD/500/1	1x Foil pack, 1x Mixer, 1x Mixer extension	1 pc	387093 ¹⁾

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Please visit our website for the latest item numbers and related products.

Slow-cure injection system 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

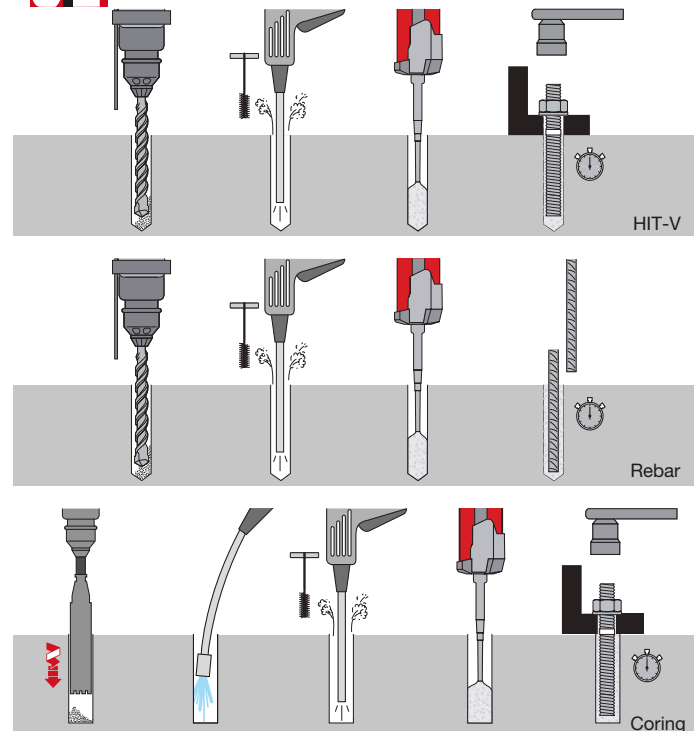
SAFEset	No
Seismic	No
Material composition	Epoxy adhesive
Tested/approved for diamond drilling	Yes
PROFIS	Yes
Storage and transportation temperature - max.	25 °C
Base material condition	Dry, Wet



Approvals

ETA	ETA-04/0027 for HIT-RE 500 anchor (ETAG 001-05, Option 7)
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Approvals and test reports may apply to selected products only. Please refer to the documents for details.



These are abbreviated instructions which may vary by application. Always review/follow the instructions accompanying the product or refer to www.hilti.com/techlib.

Ordering designation	Package contents	Sales pack quantity	Item number
HIT-RE 500 (330ML) COMBO	100x Foil pack, 1x HDM 330, 1x HIT-CB330 Cartridge holder, 1x Blower	1 set	3409926
HIT-RE 500 (500ML) COMBO	100x Foil pack, 1x HDM 500, 1x HIT-CB500 Cartridge holder, 1x Blower	1 set	3409927
HIT-RE 500/330/1 INT	1x Foil pack, 1x Mixer, 1x Mixer extension	1 pc	426675
HIT-RE 500/500/1 INT	1x Foil pack, 1x Mixer, 1x Mixer extension	1 pc	426672
HIT-RE 500/1400/1 INT	1x Foil pack, 1x Mixer, 1x Mixer extension	4 pc	426670¹⁾

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Please visit our website for the latest item numbers and related products.

Injectable mortar HIT-CT 1



Base materials

- Concrete (uncracked)

Applications

- Rebar applications: structural connections (e.g. walls, slabs, stairs), structural repair, variations to design, bridge extensions, road widening, refurbishment / retrofitting
- Anchoring applications: structural steel (e.g. columns, beams), railings (e.g. balconies, hand rails), facades and curtain walling, sound and crash barriers

Advantages

- Meets high health and safety requirements: non-hazardous and odourless
- Easy waste management: carries no hazard symbols, thus easily disposed of (in cured or uncured state) in non-hazardous waste (household waste) containers, avoiding costs for special waste handling on jobsites
- Contains no styrene or plasticizers
- Approved by NSF for use in potable water
- One of the strongest, fast-curing injectable adhesive mortars available for applications in concrete where approval is relevant
- Complies in full with green building standards

Technical data

SAFEset	Yes
Material composition	Hybrid urethane methacrylate adhesive
PROFIS	Yes
Storage and transportation temperature - max.	25 °C
Base material condition	Dry
Cleaning procedures	Auto-cleaning with Hilti hollow drill bits, Compressed-air cleaning, Manual cleaning



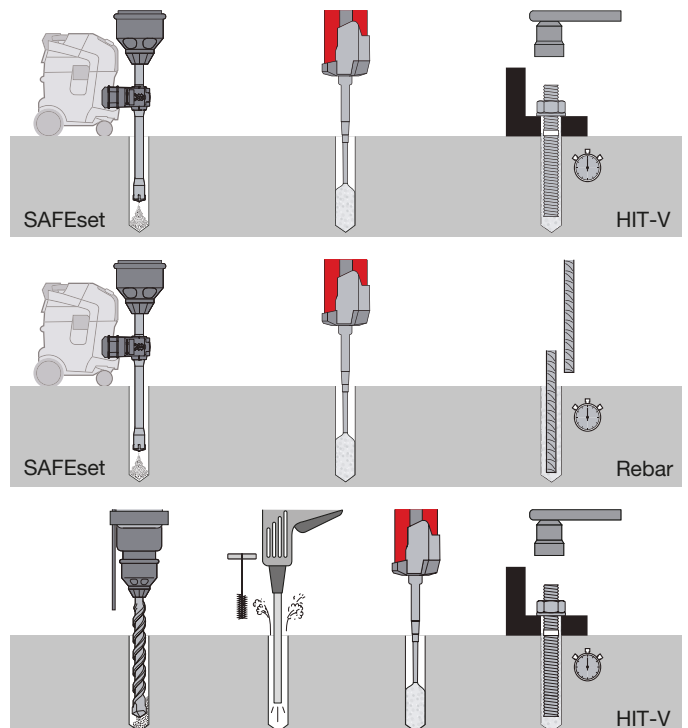
Approvals

ETA	ETA-11/0390 for HIT-CT 1 rebar (ETAG 001-05, Option -)
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Approvals and test reports may apply to selected products only. Please refer to the documents for details.



SAFEset



These are abbreviated instructions which may vary by application. Always review/follow the instructions accompanying the product or refer to www.hilti.com/techlib.

Ordering designation	Package contents	Sales pack quantity	Item number
HIT-CT1 330/2	1x Foil pack, 2x Mixer, 1x Mixer extension	1 pc	435992¹⁾

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Please visit our website for the latest item numbers and related products.

Injectable mortar HIT-HY 70



Base materials

- Concrete (aerated)
- Concrete (uncracked)
- Drywall
- Glass
- Masonry (grout-filled CMU)
- Masonry (hollow)
- Masonry (hollow CMU)
- Masonry (multiple-wythe brick/ unreinforced masonry)
- 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

- Provides strong, reliable and easy-to-install fastenings in a variety of masonry materials
- Performs reliably where the quality of the brick and mortar is inconsistent, even when the size and location of voids are unknown
- HIT-SC composite sleeves offer greater flexibility through use of multiple sleeve combinations and also minimize mortar wastage by more accurate dosing in hollow base materials
- Fastenings are free of expansion forces and have technical approvals
- For use in indoor and outdoor applications in dry or wet drilled holes
- Can be used in the temperature range between -5°C and +40° C (except in solid brick)

Technical data

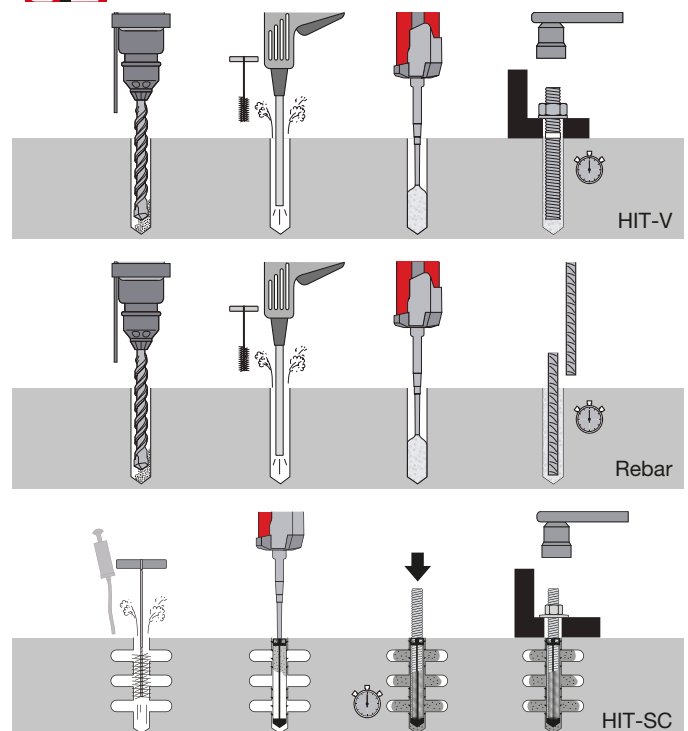
SAFEset	No
Seismic	No
Material composition	Hybrid urethane methacrylate adhesive
PROFIS	No
Storage and transportation temperature - max.	25 °C
Base material condition	Dry



Approvals

ETA	ETA-09/0265 for HIT-HY70 concrete (ETAG 001-5, Option 7)
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Approvals and test reports may apply to selected products only. Please refer to the documents for details.



These are abbreviated instructions which may vary by application. Always review/follow the instructions accompanying the product or refer to www.hilti.com/techlib.

Ordering designation	Package contents	Sales pack quantity	Item number
HIT-HY 70 330/2	1x Foil pack, 2x Mixer, 1x Mixer extension	1 pc	383677
HIT-HY 70 500/2	1x Foil pack, 2x Mixer, 1x Mixer extension	1 pc	383681¹⁾

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Please visit our website for the latest item numbers and related products.

Injectable mortar HIT-MM PLUS



Base materials

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

Applications

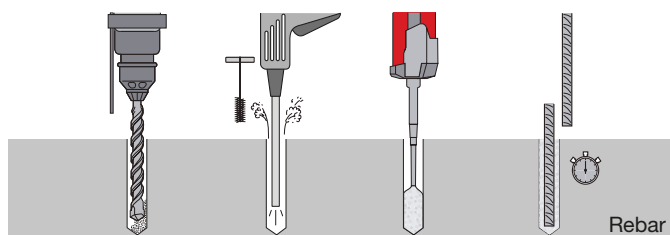
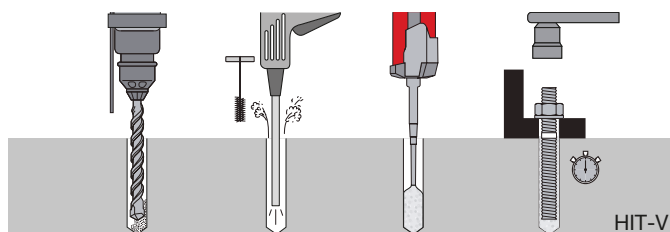
- Wide range of fastening applications in the medium load range in hollow block, solid block and concrete where no approval is required
- Fence and railing posts, gates, window grills, non-structural rebars, wall cabinets, bathroom fittings, air conditioning systems, lights
- Surface treatment
- Suitable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

Advantages

- Easy dispensing thanks to well-proven manual, cordless and pneumatic dispensers
- Unique soft foil pack for less waste
- HIT-SC composite sleeves allow greater flexibility through use of multiple sleeve combinations and also save mortar by ensuring accurate dosing in hollow base materials
- 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

SAFEset	No
Seismic	No
Material composition	Hybrid urethane methacrylate adhesive
PROFIS	No
Storage and transportation temperature - max.	25 °C
Base material condition	Dry



These are abbreviated instructions which may vary by application. Always review/follow the instructions accompanying the product or refer to www.hilti.com/techlib.

Ordering designation	Package contents	Sales pack quantity	Item number
HIT-MM PLUS 330/1	1x Foil pack, 1x Mixer, 1x Mixer extension	1 pc	2031401

Please visit our website for the latest item numbers and related products.

Anchor rod (5.8 carbon steel) HIT-V-5.8



Approvals

ETA	ETA-04/0027 for HIT-RE 500 anchor (ETAG 001-05, Option 7)
	ETA-09/0265 for HIT-HY70 concrete (ETAG 001-5, Option 7)
ETA Seismic	ETA-07/0260 for HIT-RE 500-SD (ETAG 001-5, Option 1)
	ETA-12/0084 for HIT-HY 200-R en (ETAG 001-05, Option 1)

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



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
Seismic	Yes

Base materials

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

Ordering designation	Anchor size	Drill bit diameter	Anchor length	Drilling depth	Sales pack quantity	Item number
HIT-V-5.8 M8x80	M8	10 mm	80 mm	60 mm	20 pc	387054 ¹⁾
HIT-V-5.8 M8x110	M8	10 mm	110 mm	80 mm	20 pc	387055 ¹⁾
HIT-V-5.8 M10x95	M10	12 mm	95 mm	90 mm	10 pc	387057 ¹⁾
HIT-V-5.8 M10x130	M10	12 mm	130 mm	90 mm	10 pc	387058 ¹⁾
HIT-V-5.8 M12x110	M12	14 mm	110 mm	110 mm	10 pc	387060 ¹⁾

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Anchor rod (A4 stainless steel) HIT-V-R



Approvals

ETA	ETA-04/0027 for HIT-RE 500 anchor (ETAG 001-05, Option 7)
	ETA-09/0265 for HIT-HY70 concrete (ETAG 001-5, Option 7)
ETA Seismic	ETA-07/0260 for HIT-RE 500-SD (ETAG 001-5, Option 1)
	ETA-12/0084 for HIT-HY 200-R en (ETAG 001-05, Option 1)

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



Technical data

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

Base materials

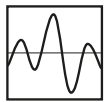
- Concrete (cracked)
- Concrete (uncracked)
- Masonry (solid)

Ordering designation	Anchor size	Drill bit diameter	Anchor length	Drilling depth	Required tightening torque	Sales pack quantity	Item number
HIT-V-R M8X80	M8	10 mm	80 mm	60 mm	10 Nm	20 pc	387074 ¹⁾
HIT-V-R M8X110	M8	10 mm	110 mm	80 mm	10 Nm	20 pc	387075 ¹⁾
HIT-V-R M10X95	M10	12 mm	95 mm	90 mm	20 Nm	10 pc	387077 ¹⁾
HIT-V-R M10X130	M10	12 mm	130 mm	90 mm	20 Nm	10 pc	387078 ¹⁾
HIT-V-R M12X110	M12	14 mm	110 mm	110 mm	40 Nm	10 pc	387080 ¹⁾

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Please visit our website for the latest item numbers and related products.

Internally threaded sleeve (5.8 carbon steel) HIS-N



Approvals

ETA	ETA-04/0027 for HIT-RE 500 anchor (ETAG 001-05, Option 7)
ETA	ETA-07/0260 for HIT-RE 500-SD (ETAG 001-5, Option 1)
Seismic	ETA-12/0084 for HIT-HY 200-R en (ETAG 001-05, Option 1)

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



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
Seismic	Yes

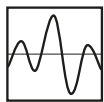
Base materials

- Concrete (uncracked)

Ordering designation	Anchor size	Drill bit diameter	Anchor length	Sales pack quantity	Item number
HIS-N M8X90	M8	14 mm	90 mm	10 pc	258015 ¹⁾
HIS-N M10X110	M10	18 mm	110 mm	10 pc	258016 ¹⁾
HIS-N M12X125	M12	22 mm	125 mm	5 pc	258017 ¹⁾
HIS-N M16X170	M16	28 mm	170 mm	5 pc	258018 ¹⁾
HIS-N M20X205	M20	32 mm	205 mm	5 pc	258019 ¹⁾

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Internally-threaded sleeve (metric stainless) HIS-RN



Approvals

ETA	ETA-04/0027 for HIT-RE 500 anchor (ETAG 001-05, Option 7)
ETA	ETA-07/0260 for HIT-RE 500-SD (ETAG 001-5, Option 1)
Seismic	ETA-12/0084 for HIT-HY 200-R en (ETAG 001-05, Option 1)

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



Technical data

Material composition	Steel, A4 (SS316)
Material, corrosion	Steel, stainless
Environmental conditions	Covered by ground soil, Outdoor
PROFIS	Yes
Seismic	Yes

Base materials

- Concrete (cracked)
- Concrete (uncracked)

Ordering designation	Anchor size	Drill bit diameter	Anchor length	Sales pack quantity	Item number
HIS-RN M8X90 A4	M8	14 mm	90 mm	10 pc	258024 ¹⁾
HIS-RN M10X110 A4	M10	18 mm	110 mm	10 pc	258025 ¹⁾
HIS-RN M12X125 A4	M12	22 mm	125 mm	5 pc	258026 ¹⁾
HIS-RN M16X170 A4	M16	28 mm	170 mm	5 pc	258027 ¹⁾
HIS-RN M20X205 A4	M20	32 mm	205 mm	5 pc	258028 ¹⁾

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Please visit our website for the latest item numbers and related products.

Composite mesh sleeve HIT-SC



Technical data

Material composition	Plastic
Material, corrosion	Plastic
Environmental conditions	Indoor, damp conditions, Indoor, dry conditions, Indoor, ventilated facades, Outdoor, Underwater, fresh water

Base materials













- Concrete (hollow deck)
- Drywall
- Masonry (hollow)
- Masonry (hollow CMU)
- Masonry (multiple-wythe brick/ unreinforced masonry)

Ordering designation	Anchor size	Drill bit diameter	Anchor length	Drilling depth	Sales pack quantity	Item number
HIT-SC 12x50	12 mm	12 mm	50 mm	60 mm	20 pc	375979
HIT-SC 12x85	12 mm	12 mm	85 mm	95 mm	20 pc	375980
HIT-SC 16x50	16 mm	16 mm	50 mm	60 mm	20 pc	375981
HIT-SC 16x85	16 mm	16 mm	85 mm	95 mm	20 pc	375982
HIT-SC 18x50	18 mm	18 mm	50 mm	60 mm	20 pc	360485¹⁾
HIT-SC 18x85	18 mm	18 mm	85 mm	95 mm	20 pc	360486¹⁾
HIT-SC 22x50	22 mm	22 mm	50 mm	60 mm	20 pc	273662¹⁾
HIT-SC 22x85	22 mm	22 mm	85 mm	95 mm	10 pc	284511


















¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Please visit our website for the latest item numbers and related products.

Accessories for Injectable Adhesive Anchors

		HIT-RE 500	HIT-RE 500-SD	HIT-CT 1	HIT-HY 70	HIT-MM PLUS	HIT-HY 200-R	Sales pack quantity	Item number
Ordering designation									
HDM 330 Dispenser		■	■	■	■	■	■	1 pc	2005640
HDM 500 Dispenser		■	■	■	■	■	■	1 pc	2005641
Cordless Dispenser HDE 500-A22 box (1x B22/1.6 Li-Ion, 1x C4/36 Li-Ion 230v, 1x HIT-CB500, 1x HIT-CR500, 1x HDE 500-A22)		■	■	■	■	■	■	1 pc	2005630
Pneumatic dispenser P 8000D (for 1400ml)		■	■				■	1 pc	373959
HDM 330 + HIT-CR + Blower (1x HDM 330, 1x HIT-CR330 Cartridge holder, 1x Blower)							■	1 pc	3503198
HDM 500 + HIT-CR + Blower (1x HDM 500, 1x HIT-CR500 Cartridge holder, 1x Blower)							■	1 pc	3503199
HDM 330 + HIT-CR (1x HDM 330, 1x HIT-CR330 Cartridge holder)							■	1 pc	3503200
HDM 500 + HIT-CR (1x HDM 500, 1x HIT-CR500 Cartridge holder)							■	1 pc	3503201
HDM 330 + HIT-CB + Blower (1x HDM 330, 1x HIT-CB330 Cartridge holder, 1x Blower)		■	■	■	■	■		1 pc	3501038
HDM 500 + HIT-CB + Blower (1x HDM 500, 1x HIT-CB500 Cartridge holder, 1x Blower)		■	■	■	■	■		1 pc	3501039
HDM 330 + HIT-CB (1x HDM 330, 1x HIT-CB330 Cartridge holder)		■	■	■	■	■		1 pc	3500941
HDM 500 + HIT-CB (1x HDM 500, 1x HIT-CB500 Cartridge holder)		■	■	■	■	■		1 pc	3500942

Accessories for Injectable Adhesive Anchors

		HIT-RE 500	HIT-RE 500-SD	HIT-CT 1	HIT-HY 70	HIT-MM PLUS	HIT-HY 200-R		
Ordering designation								Sales pack quantity	Item number
Cartridge holder HIT-CB 330		■	■	■	■	■		1 pc	2007056
Cartridge holder HIT-CB 500		■	■	■	■	■		1 pc	2007057
Cartridge holder HIT-CR 330							■	1 pc	2007058
Cartridge holder HIT-CR 500							■	1 pc	2007059
Blow-out pump		■	■	■	■	■	■	1 pc	60579
Mixer HIT-RE-M		■	■	■	■	■	■	1 pc	337111
Piston plug HIT-SZ 25		■	■	■			■	10 pc	2039315
Brush extension HIT-RBH		■	■	■	■	■	■	1 pc	229138
Brush extension HIT-RBV		■	■	■	■	■	■	1 pc	238727
Round brush 13 HG Nylon brush		■	■	■	■	■	■	1 pc	229133
Round brush 18 HG Nylon brush		■	■	■	■	■	■	1 pc	229134
Round brush 28 HG Nylon brush		■	■	■	■	■	■	1 pc	229135
Round steel brush HIT-RB 10		■	■	■	■	■	■	1 pc	380917
Round steel brush HIT-RB 14		■	■	■	■	■	■	1 pc	336549
Round steel brush HIT-RB 16		■	■	■	■	■	■	1 pc	336550
Round steel brush HIT-RB 20		■	■	■	■	■	■	1 pc	336552
Round steel brush HIT-RB 25		■	■	■	■	■	■	1 pc	336553

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, internally threaded sleeves in various diameters and lengths
- Convenient for overhead applications
- Preportioned foil, no waste
- Styrene free, almost odourless

Technical data

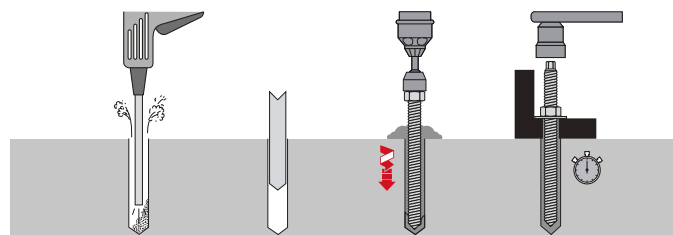
Material composition	Hybrid urethane methacrylate adhesive
PROFIS	Yes
Storage and transportation temperature - max.	25 °C
Base material condition	Dry, Wet
Anchoring elements	HAS threaded rods
Seismic	No



Approvals

ETA | ETA-05/0255 for HVU (ETAG 001-05, Option 7)

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



These are abbreviated instructions which may vary by application. Always review/follow the instructions accompanying the product or refer to www.hilti.com/techlib.

Ordering designation	Drill bit diameter	Standard embedment depth	Sales pack quantity	Item number
HVU M8x80	10 mm	80 mm	10 pc	256691 ¹⁾
HVU M10x90	12 mm	90 mm	10 pc	256692
HVU M12x110	14 mm	110 mm	10 pc	256693
HVU M16x125	18 mm	125 mm	10 pc	256694
HVU M20x170	24 mm	170 mm	5 pc	256695
HVU M24x210	28 mm	210 mm	5 pc	256696
HVU M27x240	30 mm	240 mm	4 pc	256697 ¹⁾
HVU M30x270	35 mm	270 mm	4 pc	256698 ¹⁾
HVU M33x300	37 mm	300 mm	4 pc	256699 ¹⁾
HVU M36x330	40 mm	330 mm	2 pc	256700 ¹⁾

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Please visit our website for the latest item numbers and related products.

Anchor rod (5.8 carbon steel) HAS-E



Approvals

ETA	ETA-04/0027 for HIT-RE 500 anchor (ETAG 001-05, Option 7)
	ETA-05/0255 for HVU (ETAG 001-05, Option 7)
	ETA-09/0265 for HIT-HY70 concrete (ETAG 001-5, Option 7)

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



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)

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 pc	332219
HAS-E M8X80/54	M8	10 mm	150 mm	80 mm	54 mm	10 pc	333099 ¹⁾
HAS-E M10X90/21	M10	12 mm	130 mm	90 mm	21 mm	20 pc	332220
HAS-E M12X110/28	M12	14 mm	160 mm	110 mm	28 mm	20 pc	332221
HAS-E M12X110/88	M12	14 mm	220 mm	110 mm	88 mm	10 pc	333102 ¹⁾
HAS-E M16X125/38	M16	18 mm	190 mm	125 mm	38 mm	20 pc	332222
HAS-E M16X125/108	M16	18 mm	260 mm	125 mm	108 mm	10 pc	333106 ¹⁾
HAS-E M16X125/198	M16	18 mm	350 mm	125 mm	198 mm	10 pc	333108 ¹⁾
HAS-E M20X170/48	M20	24 mm	240 mm	170 mm	48 mm	10 pc	332223
HAS-E M20X170/68	M20	24 mm	260 mm	170 mm	68 mm	10 pc	333110 ¹⁾
HAS-E M20X170/158	M20	24 mm	350 mm	170 mm	158 mm	10 pc	333112 ¹⁾
HAS-E M24X210/54	M24	28 mm	290 mm	210 mm	54 mm	10 pc	332224

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Anchor rod (8.8 carbon steel) HAS-E



Approvals

ETA	ETA-04/0027 for HIT-RE 500 anchor (ETAG 001-05, Option 7)
	ETA-05/0255 for HVU (ETAG 001-05, Option 7)
	ETA-09/0265 for HIT-HY70 concrete (ETAG 001-5, Option 7)

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



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
Seismic	Yes

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 pc	333114 ¹⁾
HAS-E M30X270/70	M30	35 mm	380 mm	270 mm	70 mm	4 pc	333115 ¹⁾
HAS-E M33X300/80	M33	37 mm	420 mm	300 mm	80 mm	4 pc	333116 ¹⁾
HAS-E M36X330/90	M36	40 mm	460 mm	330 mm	90 mm	2 pc	333117 ¹⁾

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Please visit our website for the latest item numbers and related products.

Anchor rod (5.8 hot-dip galvanized) HAS-E-F



Approvals

ETA	ETA-04/0027 for HIT-RE 500 anchor (ETAG 001-05, Option 7)
	ETA-05/0255 for HVU (ETAG 001-05, Option 7)
	ETA-09/0265 for HIT-HY70 concrete (ETAG 001-5, Option 7)

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



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

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 M10X90/61	M10	12 mm	170 mm	90 mm	61 mm	10 pc	333146 ¹⁾
HAS-E-F M12X110/88	M12	14 mm	220 mm	110 mm	88 mm	10 pc	333149 ¹⁾
HAS-E-F M12X110/128	M12	14 mm	260 mm	110 mm	128 mm	10 pc	333150 ¹⁾
HAS-E-F M16X125/20	M16	18 mm	172 mm	125 mm	20 mm	10 pc	333152 ¹⁾
HAS-E-F M16X125/38	M16	18 mm	190 mm	125 mm	38 mm	20 pc	333153 ¹⁾
HAS-E-F M16X125/108	M16	18 mm	260 mm	125 mm	108 mm	10 pc	333154 ¹⁾
HAS-E-F M16X125/148	M16	18 mm	300 mm	125 mm	148 mm	10 pc	333155 ¹⁾
HAS-E-F M20X170/48	M20	24 mm	240 mm	170 mm	48 mm	10 pc	333158 ¹⁾

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Anchor rod (8.8 hot-dip galvanized) HAS-E-F



Approvals

ETA	ETA-04/0027 for HIT-RE 500 anchor (ETAG 001-05, Option 7)
	ETA-05/0255 for HVU (ETAG 001-05, Option 7)
	ETA-09/0265 for HIT-HY70 concrete (ETAG 001-5, Option 7)

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



Technical data

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

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 M27X240/60	M27	30 mm	340 mm	240 mm	60 mm	4 pc	333164 ¹⁾
HAS-E-F M30X270/70	M30	35 mm	380 mm	270 mm	70 mm	4 pc	333165 ¹⁾

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Please visit our website for the latest item numbers and related products.

Anchor rod (A4 stainless steel) HAS-E-R



Approvals

ETA	ETA-04/0027 for HIT-RE 500 anchor (ETAG 001-05, Option 7)
	ETA-05/0255 for HVU (ETAG 001-05, Option 7)
	ETA-09/0265 for HIT-HY70 concrete (ETAG 001-5, Option 7)

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



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)

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 pc	333119
HAS-E-R M8X80/54	M8	10 mm	150 mm	80 mm	54 mm	10 pc	333120 ¹⁾
HAS-E-R M8X80/114	M8	10 mm	210 mm	80 mm	114 mm	10 pc	333121 ¹⁾
HAS-E-R M10X90/21	M10	12 mm	130 mm	90 mm	21 mm	20 pc	333122
HAS-E-R M10X90/61	M10	12 mm	170 mm	90 mm	61 mm	10 pc	333123 ¹⁾
HAS-E-R M12X110/28	M12	14 mm	160 mm	110 mm	28 mm	20 pc	333126
HAS-E-R M12X110/88	M12	14 mm	220 mm	110 mm	88 mm	10 pc	333127 ¹⁾
HAS-E-R M16X125/38	M16	18 mm	190 mm	125 mm	38 mm	20 pc	333131
HAS-E-R M20X170/48	M20	24 mm	240 mm	170 mm	48 mm	10 pc	333135
HAS-E-R M20X170/108	M20	24 mm	300 mm	170 mm	108 mm	10 pc	333136 ¹⁾
HAS-E-R M24X210/54	M24	28 mm	290 mm	210 mm	54 mm	10 pc	333137
HAS-E-R M27X240/60	M27	30 mm	340 mm	240 mm	60 mm	4 pc	333138 ¹⁾
HAS-E-R M30X270/70	M30	35 mm	380 mm	270 mm	70 mm	4 pc	333139 ¹⁾

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Anchor rod (high corrosion resistance) HAS-E-HCR



Approvals

ETA	ETA-04/0027 for HIT-RE 500 anchor (ETAG 001-05, Option 7)
	ETA-09/0265 for HIT-HY70 concrete (ETAG 001-5, Option 7)

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



Technical data

Material composition	Steel, high corrosion resistant (HCR)
Material, corrosion	Steel, high corrosion resistant (HCR)
Environmental conditions	Highly corrosive special applications, Underwater, salty water
PROFIS	Yes

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-HCR M16X125/38	M16	18 mm	190 mm	125 mm	38 mm	5 pc	229507 ¹⁾
HAS-E-HCR M20X170/48	M20	22 mm	240 mm	170 mm	48 mm	5 pc	229508 ¹⁾

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Please visit our website for the latest item numbers and related products.

Adhesive 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 and noise barriers, curtain wall structures, railings.)
- For safety-relevant fastenings

Advantages

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

Technical data

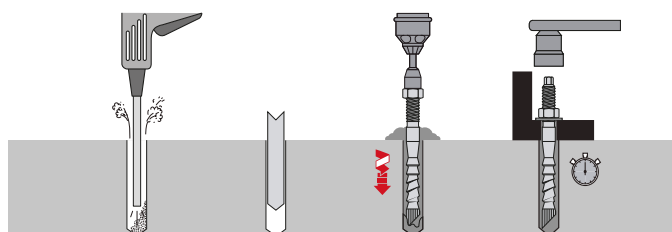
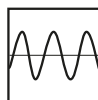
Material composition	Hybrid urethane methacrylate adhesive
PROFIS	Yes
Storage and transportation temperature - max.	25 °C
Base material condition	Dry, Wet
Anchoring elements	HAS-TZ torque-controlled bonded anchor
Seismic	No



Approvals

ETA | ETA-03/0032 for HVZ (ETAG 001-05, Option 1)

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



These are abbreviated instructions which may vary by application. Always review/follow the instructions accompanying the product or refer to www.hilti.com/techlib.

Ordering designation	Drill bit diameter	Standard embedment depth	Anchor size	Sales pack quantity	Item number
HVU-TZ M10	12 mm	75 mm	M10	10 pc	311368¹⁾
HVU-TZ M12	14 mm	95 mm	M12	10 pc	311369¹⁾
HVU-TZ M16	18 mm	105 mm	M16	10 pc	311370¹⁾
HVU-TZ M20	25 mm	170 mm	M20	4 pc	335942¹⁾

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Please visit our website for the latest item numbers and related products.

Anchor rod (carbon steel) HAS-TZ



Approvals

ETA | ETA-03/0032 for HVZ (ETAG 001-05, Option 1)

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



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
Seismic	Yes

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 pc	310018 ¹⁾
HAS-TZ M12X95/25	M12	14 mm	158 mm	110 mm	25 mm	40 Nm	10 pc	308385 ¹⁾
HAS-TZ M12X95/50	M12	14 mm	183 mm	110 mm	50 mm	40 Nm	10 pc	308386 ¹⁾
HAS-TZ M12X95/100	M12	14 mm	233 mm	110 mm	100 mm	40 Nm	10 pc	308387 ¹⁾
HAS-TZ M16X105/30	M16	18 mm	181 mm	125 mm	30 mm	80 Nm	5 pc	308388 ¹⁾
HAS-TZ M16X125/30	M16	18 mm	201 mm	145 mm	30 mm	80 Nm	5 pc	332519 ¹⁾
HAS-TZ M16X105/60	M16	18 mm	211 mm	125 mm	60 mm	80 Nm	5 pc	308389 ¹⁾
HAS-TZ M16X125/60	M16	18 mm	231 mm	145 mm	60 mm	80 Nm	5 pc	332520 ¹⁾
HAS-TZ M16X125/100	M16	18 mm	271 mm	145 mm	100 mm	80 Nm	5 pc	332521 ¹⁾
HAS-TZ M20X170/40	M20	25 mm	269 mm	195 mm	40 mm	150 Nm	4 pc	335943 ¹⁾

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Anchor rod (A4 stainless steel) HAS-RTZ



Approvals

ETA | ETA-03/0032 for HVZ (ETAG 001-05, Option 1)

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



Technical data

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

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-RTZ M10X75/15	M10	12 mm	124 mm	90 mm	15 mm	20 Nm	10 pc	310019 ¹⁾
HAS-RTZ M10X75/30	M10	12 mm	139 mm	90 mm	30 mm	20 Nm	10 pc	308391 ¹⁾
HAS-RTZ M12X95/25	M12	14 mm	158 mm	110 mm	25 mm	40 Nm	10 pc	308393 ¹⁾
HAS-RTZ M12X95/50	M12	14 mm	183 mm	110 mm	50 mm	40 Nm	10 pc	308394 ¹⁾
HAS-RTZ M16X105/30	M16	18 mm	181 mm	125 mm	30 mm	80 Nm	5 pc	308396 ¹⁾
HAS-RTZ M16X125/30	M16	18 mm	201 mm	125 mm	30 mm	80 Nm	5 pc	332522 ¹⁾
HAS-RTZ M16X105/60	M16	18 mm	211 mm	105 mm	60 mm	80 Nm	5 pc	308397 ¹⁾
HAS-RTZ M16X125/60	M16	18 mm	231 mm	125 mm	60 mm	80 Nm	5 pc	332523 ¹⁾
HAS-RTZ M16X105/100	M16	18 mm	251 mm	105 mm	100 mm	80 Nm	5 pc	308398 ¹⁾
HAS-RTZ M16X125/100	M16	18 mm	271 mm	145 mm	100 mm	80 Nm	5 pc	332524 ¹⁾
HAS-RTZ M20X170/40	M20	25 mm	269 mm	195 mm	40 mm	150 Nm	4 pc	335944 ¹⁾

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Please visit our website for the latest item numbers and related products.

Accessories for Capsule Adhesive Anchors

Ordering designation		HVU	HVU-TZ	Sales pack quantity	Item number
Shank TEC 1/2"		■		10 pc	32220
1/2-D-SA-8J Socket		■		10 pc	79691
1/2-D-SA-10J Socket		■		10 pc	93945
1/2-D-SA-12J Socket		■		10 pc	93946
1/2-D-SA-16J Socket		■		10 pc	81753
Shank TEFY 3/4"		■		10 pc	32221
3/4-F-SA-12J Socket		■		10 pc	79692
3/4-F-SA-16J Socket		■		10 pc	79693
3/4-F-SA-20J Socket		■		10 pc	79694
3/4-F-SA-24J Socket		■		10 pc	79695
Shank TE-T 3/4"		■		10 pc	332169
TE-C HEX M10			■	1 pc	311415
TE-C HEX M12			■	1 pc	311416
TE-C HEX M16			■	1 pc	311417
TE-Y HEX M20			■	1 pc	336420

HDA undercut anchor system



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.

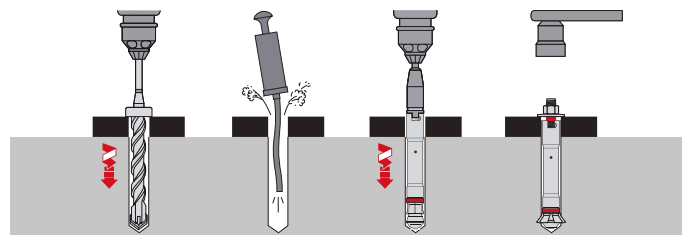
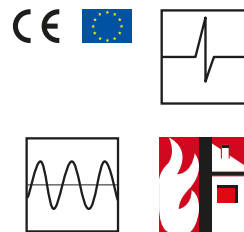
Advantages

- Self-undercutting facilitates fast and reliable installation without the need for a separate undercutting tool or additional operations
- Combines the advantages of a post-installed mechanical anchor, i.e. flexibility and immediate loading, with the performance of a cast-in-place headed stud
- Close spacing and small edge distance thanks to low expansion forces
The resulting keying effect helps keep the anchor secure even in cracked concrete under dynamic loading
- Manufactured under an NQA-1 nuclear quality assurance program with comprehensive approvals
- Completely removable, if necessary

Approvals

BZS/shock	BZS for HDA
ETA	ETA-99/0009 for HDA (ETAG 001-3, Option 1)

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



These are abbreviated instructions which may vary by application. Always review/follow the instructions accompanying the product or refer to www.hilti.com/techlib.

Carbon steel through-set undercut anchor HDA-T

Technical data

Material composition	Bolt: steel, 8.8 grade, zinc-plated (min. 5 µm)
Head configuration	Externally threaded
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	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 pc	331545 ¹⁾
HDA-T M12x125/30	M12	30 mm	23 mm	163 mm	80 Nm	19 mm	8 pc	331548 ¹⁾
HDA-T M12x125/50	M12	50 mm	23 mm	183 mm	80 Nm	19 mm	8 pc	331549 ¹⁾
HDA-T M16x190/40	M16	40 mm	32 mm	243 mm	120 Nm	24 mm	4 pc	331552 ¹⁾
HDA-T M16x190/60	M16	60 mm	32 mm	263 mm	120 Nm	24 mm	4 pc	331553 ¹⁾
HDA-T M20x250/50	M20	50 mm	40 mm	316 mm	300 Nm	30 mm	2 pc	339267 ¹⁾
HDA-T M20x250/100	M20	100 mm	40 mm	366 mm	300 Nm	30 mm	2 pc	339268 ¹⁾

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Please visit our website for the latest item numbers and related products.

Undercut anchor system HDA-TF

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



Base materials

- Concrete (cracked)
- Concrete (uncracked)



Ordering designation	Anchor size	Max. fixture thickness at standard	Base plate clearance hole	Drilling depth	Required tightening torque	Wrench size	Sales pack quantity	Item number
HDA-TF M12x125/30	M12	30 mm	23 mm	163 mm	80 Nm	19 mm	8 pc	412904 ¹⁾

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

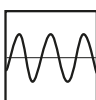
Carbon steel through-set undercut anchor HDA-TR

Technical data	
Material composition	Steel, A4 (SS316)
Head configuration	Externally threaded
PROFIS	Yes
Additional product information	Meets approval requirements when installed using the specified stop drill bit, setting tool and rotary hammer



Base materials

- Concrete (cracked)
- Concrete (uncracked)



Ordering designation	Anchor size	Max. fixture thickness at standard	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 pc	339351 ¹⁾
HDA-TR M12x125/30	M12	30 mm	23 mm	163 mm	80 Nm	19 mm	8 pc	339352 ¹⁾
HDA-TR M16x190/60	M16	60 mm	32 mm	263 mm	120 Nm	24 mm	4 pc	339355 ¹⁾

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Please visit our website for the latest item numbers and related products.

Carbon steel pre-set undercut anchor HDA-P

Technical data

Material composition	Bolt: steel, 8.8 grade, zinc-plated (min. 5 µm)
Head configuration	Externally threaded
PROFIS	Yes
Additional product information	Meets approval requirements when installed using the specified stop drill bit, setting tool and rotary hammer



Base materials

- Concrete (cracked)
- Concrete (uncracked)



Ordering designation	Anchor size	Max. fixture thickness at standard	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 pc	331544 ¹⁾
HDA-P M12x125/30	M12	30 mm	14 mm	133 mm	80 Nm	19 mm	8 pc	331546 ¹⁾
HDA-P M12x125/50	M12	50 mm	14 mm	133 mm	80 Nm	19 mm	8 pc	331547 ¹⁾
HDA-P M16x190/40	M16	40 mm	18 mm	203 mm	120 Nm	24 mm	4 pc	331550 ¹⁾
HDA-P M16x190/60	M16	60 mm	18 mm	203 mm	120 Nm	24 mm	4 pc	331551 ¹⁾
HDA-P M20x250/50	M20	50 mm	22 mm	266 mm	300 Nm	30 mm	2 pc	339265 ¹⁾
HDA-P M20x250/100	M20	100 mm	22 mm	266 mm	300 Nm	30 mm	2 pc	339266 ¹⁾

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Pre-set undercut anchor system (sherardized) HDA-PF

Technical data

Material composition	Bolt: steel, 8.8 grade, sherardized (min. 53 µm)
Head configuration	Externally threaded
PROFIS	Yes
Additional product information	Meets approval requirements when installed using the specified stop drill bit, setting tool and rotary hammer



Base materials

- Concrete (cracked)
- Concrete (uncracked)



Ordering designation	Anchor size	Max. fixture thickness at standard	Base plate clearance hole	Drilling depth	Required tightening torque	Wrench size	Sales pack quantity	Item number
HDA-PF M16x190/40	M16	40 mm	18 mm	203 mm	120 Nm	24 mm	4 pc	339359 ¹⁾
HDA-PF M16x190/60	M16	60 mm	18 mm	203 mm	120 Nm	24 mm	4 pc	339360 ¹⁾

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Please visit our website for the latest item numbers and related products.

Stainless steel pre-set undercut anchor HDA-PR

Technical data

Material composition	Steel, A4 (SS316)
Head configuration	Externally threaded
PROFIS	Yes
Additional product information	Meets approval requirements when installed using the specified stop drill bit, setting tool and rotary hammer



Base materials

- Concrete (cracked)
- Concrete (uncracked)









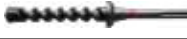



















Ordering designation	Anchor size	Max. fixture thickness at standard	Base plate clearance hole	Drilling depth	Required tightening torque	Wrench size	Sales pack quantity	Item number
HDA-PR M10x100/20	M10	20 mm	12 mm	107 mm	50 Nm	17 mm	12 pc	339346 ¹⁾
HDA-PR M12x125/30	M12	30 mm	14 mm	133 mm	80 Nm	19 mm	8 pc	339347 ¹⁾
HDA-PR M12x125/50	M12	50 mm	14 mm	133 mm	80 Nm	19 mm	8 pc	339348 ¹⁾
HDA-PR M16x190/40	M16	40 mm	18 mm	203 mm	120 Nm	24 mm	4 pc	339349 ¹⁾
HDA-PR M16x190/60	M16	60 mm	18 mm	203 mm	120 Nm	24 mm	4 pc	339350 ¹⁾

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Please visit our website for the latest item numbers and related products.

Accessories for Undercut Anchors

Ordering designation		HDA-T/TF/TR20-M10x100/20	HDA-T/TF/TR22-M12x125/30	HDA-T/TF/TR22-M12x125/50	HDA-T/TF/TR30-M16x190/40	HDA-T/TF/TR30-M16x190/60	HDA-T37-M20x250/50	HDA-T37-M20x250/100	HDA-P/PF/PR20-M10x100/20	HDA-P/PF/PR22-M12x125/30	HDA-P/PF/PR22-M12x125/50	HDA-P/PF/PR30-M16x190/40	HDA-P/PF/PR30-M16x190/60	HDA-P37-M20x250/50	HDA-P37-M20x250/100	Sales pack quantity	Item number
TE-C-HDA-B20x120		■														1 pc	332090
TE-Y-HDA-B20x120		■														1 pc	237450
TE-C-HDA-B22x155			■													1 pc	332092
TE-Y-HDA-B22x155			■													1 pc	237452
TE-C-HDA-B22x175				■												1 pc	332093
TE-Y-HDA-B22x175				■												1 pc	237453
TE-Y-HDA-B30x230					■											1 pc	332098
TE-Y-HDA-B30x250						■										1 pc	332099
TE-Y-HDA-B37x300							■									1 pc	339271
TE-Y-HDA-B37x350								■								1 pc	339272
TE-C-HDA-B20x100									■							1 pc	332089
TE-Y-HDA-B20x100									■							1 pc	237449
TE-C-HDA-B22x125										■	■					1 pc	332091
TE-Y-HDA-B22x125										■	■					1 pc	237451
TE-Y-HDA-B30x190												■	■			1 pc	332097
TE-Y-HDA-B37x250														■	■	1 pc	339270
Dynamic Set M10		■							■							2 pc	369201
Dynamic Set M12			■	■						■	■					2 pc	369202
Dynamic Set M16					■	■						■	■			2 pc	369203
Dynamic Set M20							■	■						■	■	2 pc	369204
TE-C-HDA-ST20-M10		■							■							1 pc	331843
TE-Y-HDA-ST20-M10		■							■							1 pc	287133
TE-C-HDA-ST22-M10			■	■						■	■					1 pc	331844
TE-Y-HDA-ST22-M12			■	■						■	■					1 pc	287134
TE-Y-HDA-ST30-M16					■	■						■	■			1 pc	331846
TE-Y-HDA-ST37-M20							■	■						■	■	1 pc	339269

Safety anchor (carbon steel) HSC-A



Base materials

- Concrete (cracked)
- Concrete (uncracked)

Applications

- Safety-relevant, medium-duty fastenings in cracked or uncracked concrete, especially where shallow embedment and/or small edge distance or close spacing is required
- Examples: 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 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

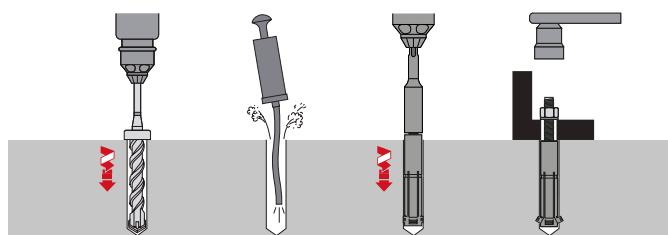
Technical data

Material composition	Bolt: steel, 8.8 grade, zinc-plated (min. 5 µm)
Head configuration	Externally threaded
PROFIS	Yes
Additional product information	Meets approval requirements when installed using the specified stop drill bit, setting tool and rotary hammer

Approvals

BZS/shock	BZS for HSC
ETA	ETA-02/0027 for HSC (ETAG 001-3, Option 1)

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



These are abbreviated instructions which may vary by application. Always review/follow the instructions accompanying the product or refer to www.hilti.com/techlib.

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 pc	31139
HSC-A M8x50/15	M8	15 mm	9 mm	56 mm	10 Nm	13 mm	25 pc	31141
HSC-A M10x40/20	M10	20 mm	12 mm	47 mm	20 Nm	17 mm	25 pc	31140
HSC-A M12x60/20	M12	20 mm	14 mm	68 mm	30 Nm	19 mm	20 pc	15507

Please visit our website for the latest item numbers and related products.

Safety anchor (stainless steel) HSC-AR



Base materials

- Concrete (cracked)
- Concrete (uncracked)

Applications

- Safety-relevant, medium-duty fastenings in cracked or uncracked concrete and corrosive environments, especially where shallow embedment and/or small edge distance or close spacing is required
- Examples: 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 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

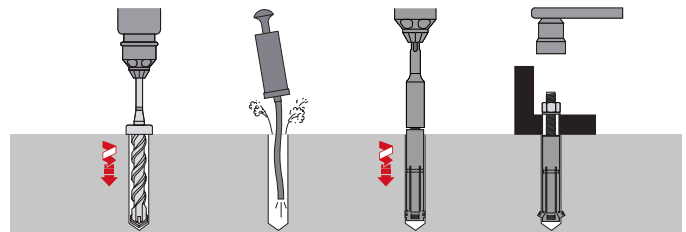
Technical data

Material composition	Steel, A4 (SS316)
Head configuration	Externally threaded
PROFIS	Yes
Additional product information	Meets approval requirements when installed using the specified stop drill bit, setting tool and rotary hammer

Approvals

BZS/shock	BZS for HSC
ETA	ETA-02/0027 for HSC (ETAG 001-3, Option 1)

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



These are abbreviated instructions which may vary by application. Always review/follow the instructions accompanying the product or refer to www.hilti.com/techlib.

Ordering designation	Anchor size	Max. fixture thickness at standard	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 pc	31148¹⁾
HSC-AR M8x50/15	M8	15 mm	9 mm	56 mm	10 Nm	13 mm	25 pc	31150¹⁾
HSC-AR M10x40/20	M10	20 mm	12 mm	47 mm	20 Nm	17 mm	25 pc	31149¹⁾
HSC-AR M12x60/20	M12	20 mm	14 mm	68 mm	30 Nm	19 mm	20 pc	15506

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Please visit our website for the latest item numbers and related products.

Internally-threaded safety anchor (carbon steel) HSC-I



Base materials

- Concrete (cracked)
- Concrete (uncracked)

Applications

- Safety-relevant, medium-duty fastenings in cracked or uncracked concrete, especially where shallow embedment and/or small edge distance or close spacing is required
- Examples: 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 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

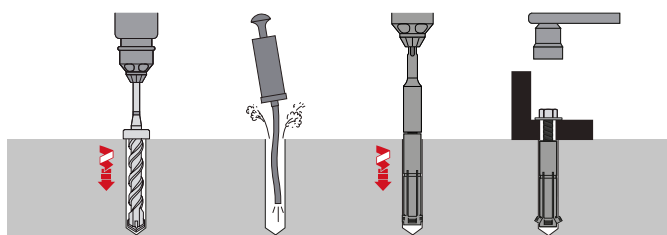
Technical data

Material composition	Bolt: steel, 8.8 grade, zinc-plated (min. 5 µm)
Head configuration	Inner thread
PROFIS	Yes
Additional product information	Meets approval requirements when installed using the specified stop drill bit, setting tool and rotary hammer

Approvals

BZS/shock	BZS for HSC
ETA	ETA-02/0027 for HSC (ETAG 001-3, Option 1)

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



These are abbreviated instructions which may vary by application. Always review/follow the instructions accompanying the product or refer to www.hilti.com/techlib.

Ordering designation	Anchor size	Thread engagement depth - min.	Base plate clearance hole	Drilling depth	Required tightening torque	Wrench size	Sales pack quantity	Item number
HSC-I M6x40	M6	6 mm	7 mm	46 mm	10 Nm	10 mm	25 pc	31142 ¹⁾
HSC-I M8x40	M8	8 mm	9 mm	47 mm	10 Nm	13 mm	25 pc	31143
HSC-I M10x50	M10	10 mm	12 mm	56 mm	20 Nm	17 mm	25 pc	31144
HSC-I M10x60	M10	10 mm	12 mm	68 mm	20 Nm	17 mm	25 pc	31145 ¹⁾
HSC-I M12x60	M12	12 mm	14 mm	69 mm	30 Nm	19 mm	25 pc	31146

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Please visit our website for the latest item numbers and related products.

Internally-threaded safety anchor (stainless steel) HSC-IR



Base materials

- Concrete (cracked)
- Concrete (uncracked)

Applications

- Safety-relevant, medium-duty fastenings in cracked or uncracked concrete and corrosive environments, especially where shallow embedment and/or small edge distance or close spacing is required
- Examples: 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 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
Additional product information	Meets approval requirements when installed using the specified stop drill bit, setting tool and rotary hammer

Ordering designation	Anchor size	Thread engagement depth - min.	Base plate clearance hole	Drilling depth	Required tightening torque	Wrench size	Sales pack quantity	Item number
HSC-IR M6x40	M6	6 mm	7 mm	46 mm	10 Nm	10 mm	25 pc	31151 ¹⁾
HSC-IR M8x40	M8	8 mm	9 mm	47 mm	10 Nm	13 mm	25 pc	31152 ¹⁾
HSC-IR M10x50	M10	10 mm	12 mm	56 mm	20 Nm	17 mm	25 pc	31153 ¹⁾
HSC-IR M10x60	M10	10 mm	12 mm	68 mm	20 Nm	17 mm	25 pc	31154 ¹⁾
HSC-IR M12x60	M12	12 mm	14 mm	69 mm	30 Nm	19 mm	25 pc	31155 ¹⁾

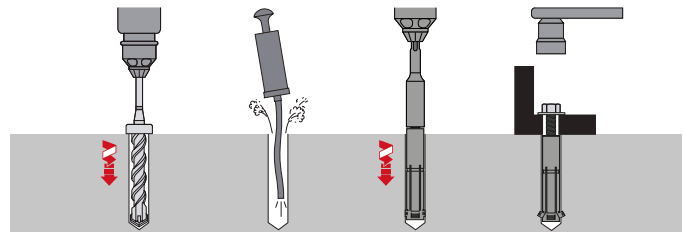
¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Please visit our website for the latest item numbers and related products.

Approvals











BZS/shock	BZS for HSC
ETA	ETA-02/0027 for HSC (ETAG 001-3, Option 1)

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



These are abbreviated instructions which may vary by application. Always review/follow the instructions accompanying the product or refer to www.hilti.com/techlib.

Accessories for Safety Anchors

		HSC-A/AR M8X40	HSC-A/AR M8X50	HSC-A/AR M10X40	HSC-A/AR M12X60	HSC-I/IR M6X40	HSC-I/IR M8X40	HSC-I/IR M10X50	HSC-I/IR M10X60	HSC-I/IR M12X60		
Ordering designation											Sales pack quantity	Item number
TE-C HSC-B 14x40		■				■					1 pc	31157
TE-C HSC-B 14x50			■								1 pc	31158
TE-C HSC-B 16x40				■			■				1 pc	28568
TE-C HSC-B 18x50								■			1 pc	30708
TE-C HSC-B 18x60									■		1 pc	30709
TE-C HSC-B 20x60										■	1 pc	30710
TE-C HSC-MW 14		■	■			■					1 pc	31169
TE-C HSC-MW 16				■			■				1 pc	11267
TE-C HSC-MW 18					■				■		1 pc	71352
TE-C HSC-MW 20										■	1 pc	71353

Heavy-duty expansion 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

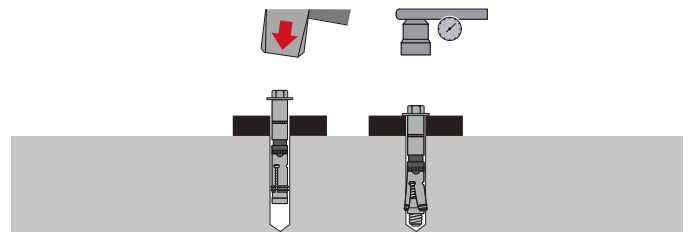
Technical data

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

Approvals

BZS/shock	BZS for HSL-3
ETA	ETA-02/0042 for HSL-3 (ETAG 001-2, Option 1)

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



These are abbreviated instructions which may vary by application. Always review/follow the instructions accompanying the product or refer to www.hilti.com/techlib.

Ordering designation	Anchor size	Anchor length	Base plate clearance hole	Required tightening torque	Wrench size	Sales pack quantity	Item number
HSL-3 M8/5	M8	83 mm	14 mm	25 Nm	13 mm	40 pc	371774 ¹⁾
HSL-3 M8/20	M8	98 mm	14 mm	25 Nm	13 mm	40 pc	371775
HSL-3 M8/40	M8	118 mm	14 mm	25 Nm	13 mm	40 pc	371776 ¹⁾
HSL-3 M10/20	M10	110 mm	17 mm	50 Nm	17 mm	20 pc	371778
HSL-3 M12/5	M12	111 mm	20 mm	80 Nm	19 mm	20 pc	371780 ¹⁾
HSL-3 M12/25	M12	131 mm	20 mm	80 Nm	19 mm	20 pc	371781
HSL-3 M12/50	M12	156 mm	20 mm	80 Nm	19 mm	10 pc	371782 ¹⁾
HSL-3 M16/25	M16	153 mm	26 mm	120 Nm	24 mm	10 pc	371784
HSL-3 M16/50	M16	178 mm	26 mm	120 Nm	24 mm	10 pc	371785 ¹⁾
HSL-3 M20/10	M20	163 mm	31 mm	200 Nm	30 mm	6 pc	371786 ¹⁾
HSL-3 M20/30	M20	183 mm	31 mm	200 Nm	30 mm	6 pc	371787
HSL-3 M20/60	M20	213 mm	31 mm	200 Nm	30 mm	6 pc	371788 ¹⁾
HSL-3 M24/30	M24	205 mm	35 mm	250 Nm	36 mm	4 pc	371790
HSL-3 M24/60	M24	235 mm	35 mm	250 Nm	36 mm	4 pc	371791 ¹⁾

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Please visit our website for the latest item numbers and related products.

Heavy-duty expansion 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 tensile and shear load capacity
- Force-controlled expansion which allows follow-up expansion

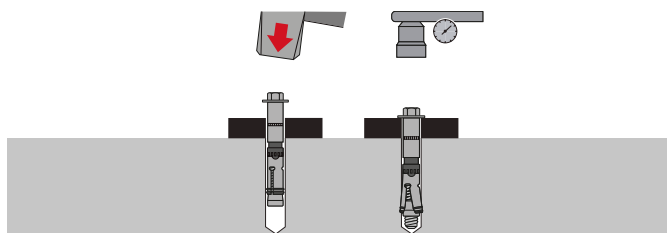
Technical data

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

Approvals

BZS/shock	BZS for HSL-3
ETA	ETA-02/0042 for HSL-3 (ETAG 001-2, Option 1)

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



These are abbreviated instructions which may vary by application. Always review/follow the instructions accompanying the product or refer to www.hilti.com/techlib.

Ordering designation	Anchor size	Required tightening torque	Wrench size	Sales pack quantity	Item number
HSL-3-B M12/50	M12	80 Nm	24 mm	10 pc	371809 ¹⁾
HSL-3-B M12/25	M12	80 Nm	24 mm	20 pc	371808
HSL-3-B M16/25	M16	120 Nm	30 mm	10 pc	371811
HSL-3-B M16/50	M16	120 Nm	30 mm	10 pc	371812 ¹⁾
HSL-3-B M20/30	M20	200 Nm	36 mm	6 pc	371814
HSL-3-B M20/60	M20	200 Nm	36 mm	6 pc	371815 ¹⁾
HSL-3-B M24/30	M24	250 Nm	41 mm	4 pc	371817
HSL-3-B M24/60	M24	250 Nm	41 mm	4 pc	371818 ¹⁾

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Please visit our website for the latest item numbers and related products.

Heavy-duty expansion stud anchor HSL-3-G



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

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

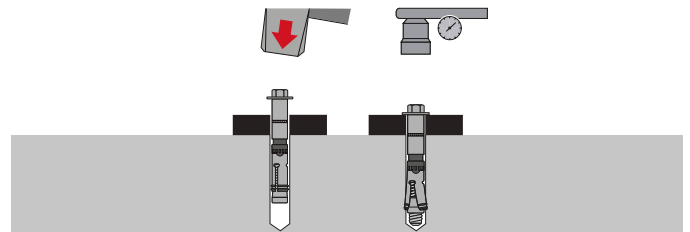
Technical data

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

Approvals

BZS/shock	BZS for HSL-3
ETA	ETA-02/0042 for HSL-3 (ETAG 001-2, Option 1)

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



These are abbreviated instructions which may vary by application. Always review/follow the instructions accompanying the product or refer to www.hilti.com/techlib.

Ordering designation	Anchor size	Drill bit diameter	Required tightening torque	Wrench size	Sales pack quantity	Item number
HSL-3-G M8/20	M8	12 mm	20 Nm	13 mm	40 pc	371793 ¹⁾
HSL-3-G M10/20	M10	15 mm	35 Nm	17 mm	20 pc	371796 ¹⁾
HSL-3-G M10/40	M10	15 mm	35 Nm	17 mm	20 pc	371797 ¹⁾
HSL-3-G M12/50	M12	18 mm	60 Nm	19 mm	10 pc	371800 ¹⁾
HSL-3-G M12/25	M12	18 mm	60 Nm	19 mm	20 pc	371799 ¹⁾
HSL-3-G M16/25	M16	24 mm	80 Nm	24 mm	10 pc	371802 ¹⁾
HSL-3-G M16/50	M16	24 mm	80 Nm	24 mm	10 pc	371803 ¹⁾
HSL-3-G M16/100	M16	24 mm	80 Nm	24 mm	10 pc	371832 ¹⁾
HSL-3-G M20/10	M20	28 mm	160 Nm	30 mm	6 pc	371804 ¹⁾
HSL-3-G M20/30	M20	28 mm	160 Nm	30 mm	6 pc	371805 ¹⁾
HSL-3-G M20/60	M20	28 mm	160 Nm	30 mm	6 pc	371806 ¹⁾
HSL-3-G M20/100	M20	28 mm	160 Nm	30 mm	6 pc	371833 ¹⁾

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Please visit our website for the latest item numbers and related products.

Heavy-duty expansion anchor HSL-3-SK



Base materials

- Concrete (cracked)
- Concrete (uncracked)

Applications

- Fastenings in safety-relevant and/or dynamic applications where a flush installation or aesthetic appearance is required, including applications in nuclear power plants
- Applications where extensive approval back-up or technical back-up is required
- Various uses such as for medical equipment, hand rails, machines, car hoists, safety fences, pumps, etc.

Advantages

- Aesthetic appearance and no tripping hazard due to flush installation
- High tensile and shear load capacity, force-controlled expansion 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	Countersunk
PROFIS	Yes

Ordering designation	Drill bit diameter	Anchor size	Anchor length	Base plate clearance hole	Required tightening torque	Socket size	Sales pack quantity	Item number
HSL-3-SK M8/20	12 mm	M8	90 mm	14 mm	25 Nm	5 mm	40 pc	371826 ¹⁾
HSL-3-SK M10/20	15 mm	M10	102 mm	17 mm	50 Nm	6 mm	20 pc	371827 ¹⁾
HSL-3-SK M12/25	18 mm	M12	120 mm	20 mm	80 Nm	8 mm	20 pc	371828 ¹⁾

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

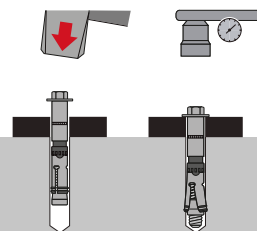
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Approvals

BZS/shock	BZS for HSL-3
ETA	ETA-02/0042 for HSL-3 (ETAG 001-2, Option 1)

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



These are abbreviated instructions which may vary by application. Always review/follow the instructions accompanying the product or refer to www.hilti.com/techlib.

Heavy-duty expansion anchor HSL-GR



Base materials

- Concrete (uncracked)

Applications

- Heavy-duty fastenings in safety-relevant applications and corrosive environments, e.g. pumps, heavy equipment, antennas, heavy pipe supports, medical equipment, etc.

Advantages

- High tensile and shear load capacity
- Force-controlled expansion
- Wide range of sizes for a variety of applications

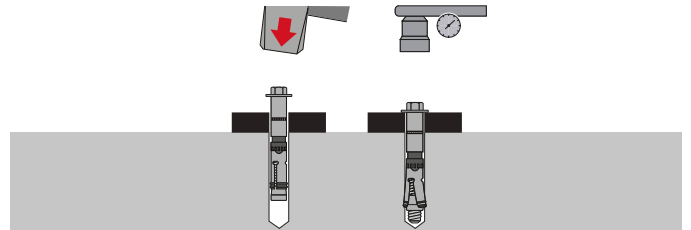
Technical data

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

Ordering designation	Anchor size	Anchor length	Base plate clearance hole	Required tightening torque	Wrench size	Sales pack quantity	Item number
HSLGR M8/20	M8	102 mm	14 mm	25 Nm	13 mm	40 pc	67920 ¹⁾
HSLGR M10/20	M10	115 mm	17 mm	40 Nm	17 mm	20 pc	67922 ¹⁾
HSLGR M12/25	M12	139 mm	20 mm	80 Nm	19 mm	20 pc	67924 ¹⁾
HSLGR M16/25	M16	163 mm	26 mm	120 Nm	24 mm	10 pc	67926 ¹⁾
HSLGR M20/30	M20	190 mm	31 mm	200 Nm	30 mm	6 pc	67928 ¹⁾

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Please visit our website for the latest item numbers and related products.



These are abbreviated instructions which may vary by application. Always review/follow the instructions accompanying the product or refer to www.hilti.com/techlib.

Stud anchor HST



Base materials

- Concrete (cracked)
- Concrete (uncracked)

Applications

- Wide range of safety-relevant applications

Advantages

- High-performance stud anchor with optimized expansion cone and wedge design combined with special steel and coatings for outstanding performance in cracked and uncracked concrete
- Suitable for applications in cracked concrete
- Product and length identification mark facilitates quality control and inspection

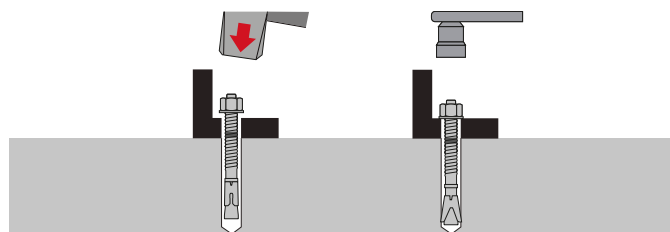
Technical data

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

Approvals

BZS/shock	BZS for HST
ETA	ETA-98/0001 for HST (ETAG 001-2, Option 1)
Fire resistance	
ETA	ETA-98/0001 for HST (ETAG 001-02, Option 1)
Seismic	

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



These are abbreviated instructions which may vary by application. Always review/follow the instructions accompanying the product or refer to www.hilti.com/techlib.

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
HST M8X75/10	8 mm	M8	75 mm	9 mm	20 Nm	13 mm	13 mm	100 pc	371581
HST M8x95/30	8 mm	M8	95 mm	9 mm	20 Nm	13 mm	13 mm	80 pc	295378 ¹⁾
HST M8X115/50	8 mm	M8	115 mm	9 mm	20 Nm	13 mm	13 mm	50 pc	371583 ¹⁾
HST M10X90/10	10 mm	M10	90 mm	12 mm	45 Nm	17 mm	17 mm	50 pc	371584
HST M10x110/30	10 mm	M10	110 mm	12 mm	45 Nm	17 mm	17 mm	40 pc	295367 ¹⁾
HST M10X130/50	10 mm	M10	130 mm	12 mm	45 Nm	17 mm	17 mm	25 pc	371586 ¹⁾
HST M12X115/20	12 mm	M12	115 mm	14 mm	60 Nm	19 mm	19 mm	25 pc	371587
HST M12X145/50	12 mm	M12	145 mm	14 mm	60 Nm	19 mm	19 mm	25 pc	371588
HST M12X185/90	12 mm	M12	185 mm	14 mm	60 Nm	19 mm	19 mm	25 pc	371589 ¹⁾
HST M12X215/120	12 mm	M12	215 mm	14 mm	60 Nm	19 mm	19 mm	25 pc	371590 ¹⁾
HST M12X255/160	12 mm	M12	255 mm	14 mm	60 Nm	19 mm	19 mm	25 pc	371592 ¹⁾
HST M16X140/25	16 mm	M16	140 mm	18 mm	110 Nm	24 mm	24 mm	12 pc	371593
HST M16X165/50	16 mm	M16	165 mm	18 mm	110 Nm	24 mm	24 mm	12 pc	371594
HST M16X215/100	16 mm	M16	215 mm	18 mm	110 Nm	24 mm	24 mm	12 pc	371595 ¹⁾
HST M16X255/140	16 mm	M16	255 mm	18 mm	110 Nm	24 mm	24 mm	12 pc	371596 ¹⁾
HST M16X295/180	16 mm	M16	295 mm	18 mm	110 Nm	24 mm	24 mm	12 pc	371597 ¹⁾
HST M20X170/30	20 mm	M20	170 mm	22 mm	240 Nm	30 mm	30 mm	5 pc	371598
HST M20X200/60	20 mm	M20	200 mm	22 mm	240 Nm	30 mm	30 mm	5 pc	371599 ¹⁾
HST M24X200/30	24 mm	M24	200 mm	26 mm	300 Nm	36 mm	36 mm	5 pc	371601 ¹⁾
HST M24X230/60	24 mm	M24	230 mm	26 mm	300 Nm	36 mm	36 mm	5 pc	371602 ¹⁾

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Please visit our website for the latest item numbers and related products.

Stud anchor HST-R



Base materials

- Concrete (cracked)
- Concrete (uncracked)

Applications

- Particularly suited to safety-relevant applications in corrosive environments
- Facades
- Hand rails

Advantages

- High-performance stud anchor with optimised expansion cone and wedge design combined with special steel quality and coatings for outstanding performance
- Suitable for applications in cracked concrete

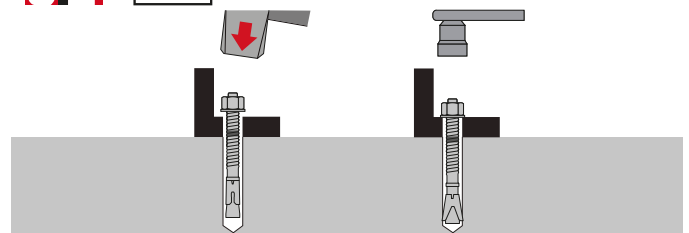
Technical data

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

Approvals

BZS/shock	BZS for HST
ETA	ETA-98/0001 for HST (ETAG 001-2, Option 1)
Fire resistance	
ETA	ETA-98/0001 for HST (ETAG 001-02, Option 1)
Seismic	

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



These are abbreviated instructions which may vary by application. Always review/follow the instructions accompanying the product or refer to www.hilti.com/techlib.

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
HST-R M8x75/10	8 mm	M8	75 mm	9 mm	20 Nm	13 mm	13 mm	50 pc	435447 ¹⁾
HST-R M8x95/30	8 mm	M8	95 mm	9 mm	20 Nm	13 mm	13 mm	50 pc	435448 ¹⁾
HST-R M8x115/50	8 mm	M8	115 mm	9 mm	20 Nm	13 mm	13 mm	50 pc	435449 ¹⁾
HST-R M10x90/10	10 mm	M10	90 mm	12 mm	45 Nm	17 mm	17 mm	50 pc	435450 ¹⁾
HST-R M10x110/30	10 mm	M10	110 mm	12 mm	45 Nm	17 mm	17 mm	40 pc	435451
HST-R M10x130/50	10 mm	M10	130 mm	12 mm	45 Nm	17 mm	17 mm	25 pc	435452 ¹⁾
HST-R M10x160/80	10 mm	M10	160 mm	12 mm	45 Nm	17 mm	17 mm	25 pc	435453 ¹⁾
HST-R M12x115/20	12 mm	M12	115 mm	14 mm	60 Nm	19 mm	19 mm	25 pc	435454
HST-R M12x145/50	12 mm	M12	145 mm	14 mm	60 Nm	19 mm	19 mm	25 pc	435455 ¹⁾
HST-R M12x185/90	12 mm	M12	185 mm	14 mm	60 Nm	19 mm	19 mm	25 pc	435456 ¹⁾
HST-R M12x215/120	12 mm	M12	215 mm	14 mm	60 Nm	19 mm	19 mm	25 pc	435457 ¹⁾
HST-R M16x140/25	16 mm	M16	140 mm	18 mm	110 Nm	24 mm	24 mm	12 pc	376051
HST-R M16x165/50	16 mm	M16	165 mm	18 mm	110 Nm	24 mm	24 mm	12 pc	376052 ¹⁾
HST-R M16x215/100	16 mm	M16	215 mm	18 mm	110 Nm	24 mm	24 mm	12 pc	376053 ¹⁾
HST-R M16x295/180	16 mm	M16	295 mm	18 mm	110 Nm	24 mm	24 mm	12 pc	376055 ¹⁾
HST-R M20x170/30	20 mm	M20	170 mm	22 mm	240 Nm	30 mm	30 mm	5 pc	376056 ¹⁾
HST-R M20x200/60	20 mm	M20	200 mm	22 mm	240 Nm	30 mm	30 mm	5 pc	376057 ¹⁾
HST-R M24x200/30	24 mm	M24	200 mm	26 mm	300 Nm	36 mm	36 mm	5 pc	376058 ¹⁾
HST-R M24x230/60	24 mm	M24	230 mm	26 mm	300 Nm	36 mm	36 mm	5 pc	376059 ¹⁾

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Please visit our website for the latest item numbers and related products.

Stud anchor HST-HCR



Base materials

- Concrete (cracked)
- Concrete (uncracked)

Applications

- Particularly suited to safety-relevant applications in highly corrosive environments
- Coastal atmospheres
- Water treatment plants

Advantages

- High performance stud anchor. The optimised design of the expansion pieces and tapered section combined with special steel and coatings ensure outstanding performance in cracked and uncracked concrete
- Suitable for applications in cracked concrete
Product and length identification mark facilitates quality control and inspection

Technical data

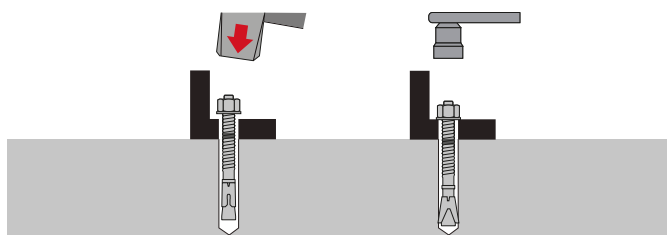
Material composition	Steel, high corrosion resistant (HCR)
Head configuration	Externally threaded
PROFIS	Yes



Approvals

BZS/shock	BZS for HST
ETA	ETA-98/0001 for HST (ETAG 001-2, Option 1)
Fire resistance	
ETA	ETA-98/0001 for HST (ETAG 001-02, Option 1)
Seismic	

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



These are abbreviated instructions which may vary by application. Always review/follow the instructions accompanying the product or refer to www.hilti.com/techlib.

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
HST-HCR M12x115/20	12 mm	M12	115 mm	14 mm	60 Nm	19 mm	19 mm	10 pc	376066 ¹⁾
HST-HCR M16x165/50	16 mm	M16	165 mm	18 mm	110 Nm	24 mm	24 mm	10 pc	376071 ¹⁾

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Please visit our website for the latest item numbers and related products.

Standard stud anchor HSA



Base materials

- Concrete (uncracked)

Applications

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

Advantages

- ETA-approved torquing using SIW 14-A or 22-A impact wrench and S-TB
- Fast and easy anchor setting with HS-SC and S-TB
- Excellent edge and spacing distances

Technical data

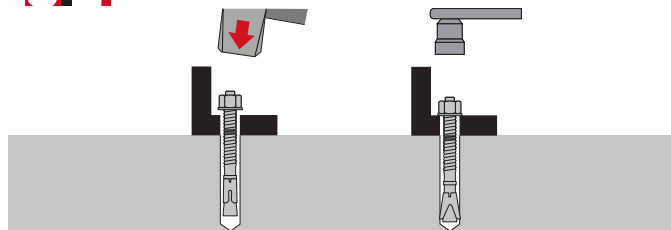
Material composition	Steel, zinc-plated (min. 5 µm)
Head configuration	Externally threaded
PROFIS	Yes



Approvals

ETA | ETA-11/0374 for HSA (ETAG 001-2, Option 7)

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



These are abbreviated instructions which may vary by application. Always review/follow the instructions accompanying the product or refer to www.hilti.com/techlib.

Ordering designation	Anchor length	Drill bit diameter	Base plate clearance hole	Drill depth at embed 1	Drill depth at embed 2	Drill depth at embed 3	Required tightening torque	Socket size	Sales pack quantity	Item number
HSA M6 5/-/-	50 mm	6 mm	7 mm	42 mm	-	-	5 Nm	10 mm	200 pc	2036084
HSA M6 20/10/-	65 mm	6 mm	7 mm	42 mm	52 mm	-	5 Nm	10 mm	200 pc	2036085
HSA M8 5/-/-	55 mm	8 mm	9 mm	44 mm	-	-	15 Nm	13 mm	100 pc	2004122
HSA M8 20/10/-	70 mm	8 mm	9 mm	44 mm	54 mm	-	15 Nm	13 mm	100 pc	2004123
HSA M8 35/25/-	85 mm	8 mm	9 mm	44 mm	54 mm	-	15 Nm	13 mm	80 pc	2004124
HSA M8 55/45/15	105 mm	8 mm	9 mm	44 mm	54 mm	84 mm	15 Nm	13 mm	50 pc	2004125
HSA M8 80/70/40	130 mm	8 mm	9 mm	44 mm	54 mm	84 mm	15 Nm	13 mm	50 pc	2004126 ¹⁾
HSA M10 5/-/-	68 mm	10 mm	12 mm	55 mm	-	-	25 Nm	17 mm	50 pc	2004127
HSA M10 20/10/-	83 mm	10 mm	12 mm	55 mm	65 mm	-	25 Nm	17 mm	50 pc	2004128
HSA M10 35/25/-	98 mm	10 mm	12 mm	55 mm	65 mm	-	25 Nm	17 mm	40 pc	2004129
HSA M10 50/40/10	113 mm	10 mm	12 mm	55 mm	65 mm	95 mm	25 Nm	17 mm	40 pc	2004150
HSA M10 70/60/30	133 mm	10 mm	12 mm	55 mm	65 mm	95 mm	25 Nm	17 mm	25 pc	2004151 ¹⁾
HSA M12 5/-/-	85 mm	12 mm	14 mm	72 mm	-	-	50 Nm	19 mm	25 pc	2004154
HSA M12 20/5/-	100 mm	12 mm	14 mm	72 mm	87 mm	-	50 Nm	19 mm	25 pc	2004155
HSA M12 35/20/-	115 mm	12 mm	14 mm	72 mm	87 mm	-	50 Nm	19 mm	25 pc	2004156
HSA M12 65/50/15	145 mm	12 mm	14 mm	72 mm	87 mm	122 mm	50 Nm	19 mm	25 pc	2004157
HSA M12 95/80/45	175 mm	12 mm	14 mm	72 mm	87 mm	122 mm	50 Nm	19 mm	25 pc	2004158
HSA M12 145/130/95	225 mm	12 mm	14 mm	72 mm	87 mm	122 mm	50 Nm	19 mm	25 pc	2004160 ¹⁾
HSA M16 5/-/-	102 mm	16 mm	18 mm	85 mm	-	-	80 Nm	24 mm	16 pc	2004161
HSA M16 20/5/-	117 mm	16 mm	18 mm	85 mm	100 mm	-	80 Nm	24 mm	16 pc	2004162
HSA M16 40/25/-	137 mm	16 mm	18 mm	85 mm	100 mm	-	80 Nm	24 mm	16 pc	2004163
HSA M16 85/70/30	182 mm	16 mm	18 mm	85 mm	100 mm	140 mm	80 Nm	24 mm	16 pc	2004164
HSA M16 135/120/80	232 mm	16 mm	18 mm	85 mm	100 mm	140 mm	80 Nm	24 mm	16 pc	2004165
HSA M20 10/-/-	125 mm	20 mm	22 mm	98 mm	-	-	200 Nm	30 mm	10 pc	2036088
HSA M20 55/30/15	170 mm	20 mm	22 mm	98 mm	123 mm	138 mm	200 Nm	30 mm	10 pc	2036089

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Please visit our website for the latest item numbers and related products.

Standard hot-dip galvanized stud anchor HSA-F



Base materials

- Concrete (uncracked)

Applications

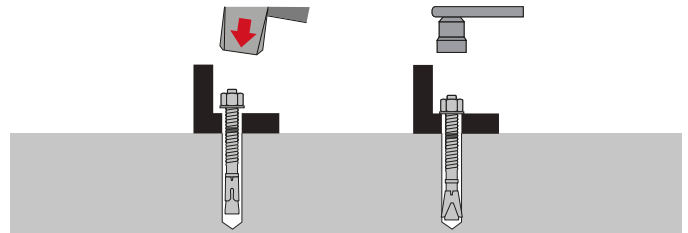
- Wide range of fastening applications in concrete
- Fastening brackets and channels
- Fastening columns and beams

Advantages

- Excellent edge and spacing distances
- High loads (optimal utilization of the concrete strength)
- Suitable for presetting and through-fastening in uncracked concrete

Technical data

Material composition	Steel, hot-dip galvanized (min. 45 µm)
Head configuration	Externally threaded



These are abbreviated instructions which may vary by application. Always review/follow the instructions accompanying the product or refer to www.hilti.com/techlib.

Ordering designation	Anchor length	Drill bit diameter	Base plate clearance hole	Drill depth at embed 1	Drill depth at embed 2	Drill depth at embed 3	Required tightening torque	Socket size	Sales pack quantity	Item number
HSA-F M6 20/10/-	65 mm	6 mm	7 mm	42 mm	52 mm	-	5 Nm	10 mm	200 pc	2036311
HSA-F M8 5/-/-	55 mm	8 mm	9 mm	44 mm	-	-	15 Nm	13 mm	100 pc	2004113 ¹⁾
HSA-F M8 20/10/-	70 mm	8 mm	9 mm	44 mm	54 mm	-	15 Nm	13 mm	100 pc	2004114
HSA-F M10 5/-/-	68 mm	10 mm	12 mm	55 mm	-	-	25 Nm	17 mm	50 pc	2004118 ¹⁾
HSA-F M10 20/10/-	83 mm	10 mm	12 mm	55 mm	65 mm	-	25 Nm	17 mm	50 pc	2004119
HSA-F M10 50/40/10	113 mm	10 mm	12 mm	55 mm	65 mm	95 mm	25 Nm	17 mm	40 pc	2004171 ¹⁾
HSA-F M12 20/5/-	100 mm	12 mm	14 mm	72 mm	87 mm	-	50 Nm	19 mm	25 pc	2004173
HSA-F M12 35/20/-	115 mm	12 mm	14 mm	72 mm	87 mm	-	50 Nm	19 mm	25 pc	2004174
HSA-F M12 65/50/15	145 mm	12 mm	14 mm	72 mm	87 mm	122 mm	50 Nm	19 mm	25 pc	2004175
HSA-F M16 40/25/-	117 mm	16 mm	18 mm	85 mm	100 mm	-	80 Nm	24 mm	16 pc	2004178
HSA-F M16 85/70/30	182 mm	16 mm	18 mm	85 mm	100 mm	140 mm	80 Nm	24 mm	16 pc	2004179 ¹⁾
HSA-F M20 55/30/15	170 mm	20 mm	22 mm	98 mm	123 mm	138 mm	200 Nm	24 mm	10 pc	2036313 ¹⁾

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Please visit our website for the latest item numbers and related products.

Standard stud anchor HSA-R



Base materials

- Concrete (uncracked)

Applications

- Wide range of outdoor or similar fastening applications in concrete in corrosive environments
- Fastening brackets and channels
- Fastening columns and beams

Advantages

- ETA approved torquing with SIW 14-A or 22-A impact wrench and S-TB
- Excellent edge and spacing distances
- High loads (optimal utilization of the concrete strength)

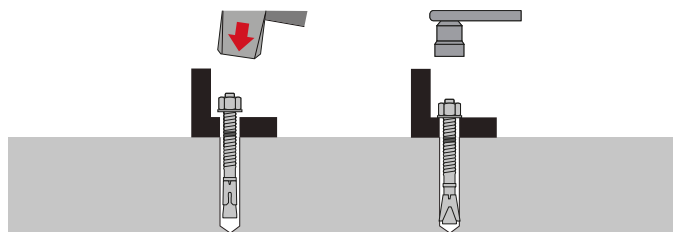
Technical data

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

Approvals

ETA | ETA-11/0374 for HSA (ETAG 001-2, Option 7)

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



These are abbreviated instructions which may vary by application. Always review/follow the instructions accompanying the product or refer to www.hilti.com/techlib.

Ordering designation	Anchor length	Drill bit diameter	Base plate clearance hole	Drill depth at embed 1	Drill depth at embed 2	Drill depth at embed 3	Required tightening torque	Socket size	Sales pack quantity	Item number
HSA-R M6 20/10/-	65 mm	6 mm	7 mm	42 mm	52 mm	-	5 Nm	10 mm	200 pc	2036315
HSA-R M6 40/30/10	85 mm	6 mm	7 mm	42 mm	52 mm	72 mm	5 Nm	10 mm	100 pc	2036316 ¹⁾
HSA-R M8 5/-/-	55 mm	8 mm	9 mm	44 mm	-	-	15 Nm	13 mm	100 pc	2004197
HSA-R M8 20/10/-	70 mm	8 mm	9 mm	44 mm	54 mm	-	15 Nm	13 mm	100 pc	2004198
HSA-R M8 35/25/-	85 mm	8 mm	9 mm	44 mm	54 mm	-	15 Nm	13 mm	80 pc	2004199
HSA-R M8 55/45/15	105 mm	8 mm	9 mm	44 mm	54 mm	84 mm	15 Nm	13 mm	50 pc	2004200
HSA-R M10 5/-/-	68 mm	10 mm	12 mm	55 mm	-	-	25 Nm	17 mm	50 pc	2004201
HSA-R M10 20/10/-	83 mm	10 mm	12 mm	55 mm	65 mm	-	25 Nm	17 mm	50 pc	2004202
HSA-R M10 35/25/-	98 mm	10 mm	12 mm	55 mm	65 mm	-	25 Nm	17 mm	40 pc	2004203
HSA-R M10 50/40/10	113 mm	10 mm	12 mm	55 mm	65 mm	95 mm	25 Nm	17 mm	40 pc	2004204
HSA-R M10 70/60/30	133 mm	10 mm	12 mm	55 mm	65 mm	95 mm	25 Nm	17 mm	25 pc	2004205 ¹⁾
HSA-R M10 90/80/50	153 mm	10 mm	12 mm	55 mm	65 mm	95 mm	25 Nm	17 mm	25 pc	2004206 ¹⁾
HSA-R M12 5/-/-	85 mm	12 mm	14 mm	72 mm	-	-	50 Nm	19 mm	25 pc	2004207
HSA-R M12 20/5/-	100 mm	12 mm	14 mm	72 mm	87 mm	122 mm	50 Nm	19 mm	25 pc	2004208
HSA-R M12 35/20/-	115 mm	12 mm	14 mm	72 mm	87 mm	122 mm	50 Nm	19 mm	25 pc	2004209
HSA-R M12 65/50/15	145 mm	12 mm	14 mm	72 mm	87 mm	122 mm	50 Nm	19 mm	25 pc	2004210
HSA-R M12 95/80/45	175 mm	12 mm	14 mm	72 mm	87 mm	122 mm	50 Nm	19 mm	25 pc	2004211 ¹⁾
HSA-R M16 5/-/-	102 mm	16 mm	18 mm	85 mm	-	-	80 Nm	24 mm	16 pc	2004214
HSA-R M16 20/5/-	117 mm	16 mm	18 mm	85 mm	100 mm	-	80 Nm	24 mm	16 pc	2004215
HSA-R M16 40/25/-	137 mm	16 mm	18 mm	85 mm	100 mm	-	80 Nm	24 mm	16 pc	2004216
HSA-R M16 85/70/30	182 mm	16 mm	18 mm	85 mm	100 mm	140 mm	80 Nm	24 mm	16 pc	2004217 ¹⁾
HSA-R M20 10/-/-	125 mm	20 mm	22 mm	98 mm	-	-	200 Nm	30 mm	10 pc	2036317 ¹⁾
HSA-R M20 55/30/15	170 mm	20 mm	22 mm	98 mm	123 mm	138 mm	200 Nm	30 mm	10 pc	2036318 ¹⁾

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Please visit our website for the latest item numbers and related products.

Standard stud anchor HSA-R2



Base materials

- Concrete (uncracked)

Applications

- Wide range of outdoor or similar fastening applications in concrete in corrosive environments
- Fastening brackets and channels
- Fastening columns and beams

Advantages

- ETA approved torquing with SIW 14-A or 22-A impact wrench and S-TB
- Excellent edge and spacing distances
- High loads (optimal utilization of the concrete strength)

Technical data

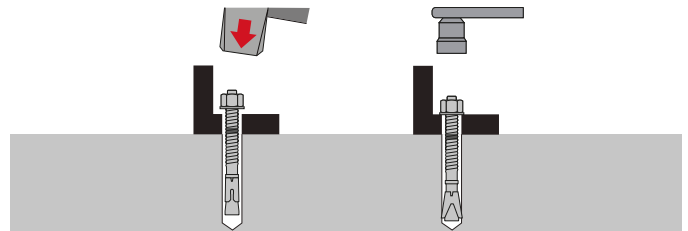
Material composition	Steel, A2 (SS 304)
Head configuration	Externally threaded
PROFIS	Yes



Approvals

ETA | ETA-11/0374 for HSA (ETAG 001-2, Option 7)

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



These are abbreviated instructions which may vary by application. Always review/follow the instructions accompanying the product or refer to www.hilti.com/techlib.

Ordering designation	Anchor size	Drill bit diameter	Base plate clearance hole	Drill depth at embed 1	Drill depth at embed 2	Drill depth at embed 3	Required tightening torque	Socket size	Sales pack quantity	Item number
HSA-R2 M8 20/10/-	M8	8 mm	9 mm	44 mm	54 mm	-	15 Nm	13 mm	100 pc	2004218
HSA-R2 M10 20/10/-	M10	10 mm	12 mm	55 mm	65 mm	-	25 Nm	17 mm	50 pc	2004219
HSA-R2 M12 20/5/-	M12	12 mm	14 mm	72 mm	87 mm	-	50 Nm	19 mm	25 pc	2004220
HSA-R2 M12 35/20/-	M12	12 mm	14 mm	72 mm	87 mm	-	50 Nm	19 mm	25 pc	2004221
HSA-R2 M16 40/25/-	M16	16 mm	18 mm	85 mm	100 mm	-	80 Nm	24 mm	16 pc	2004222

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Standard stud anchor HSV



Base materials

- Concrete (uncracked)

Applications

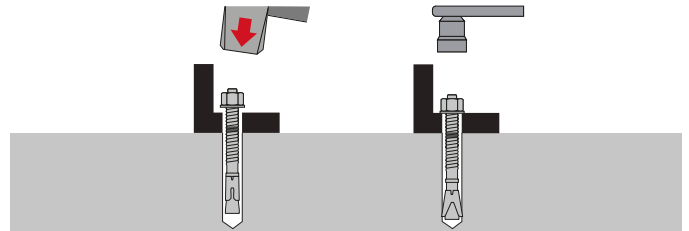
- Wide range of applications in uncracked concrete

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

Technical data

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



These are abbreviated instructions which may vary by application. Always review/follow the instructions accompanying the product or refer to www.hilti.com/techlib.

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 pc	2041604
HSV M10x90	10 mm	M10	90 mm	12 mm	30 Nm	17 mm	17 mm	50 pc	2041605
HSV M12x100	12 mm	M12	100 mm	14 mm	50 Nm	19 mm	19 mm	30 pc	2041607
HSV M12x110	12 mm	M12	110 mm	14 mm	50 Nm	19 mm	19 mm	30 pc	2041608¹⁾
HSV M12x120	12 mm	M12	120 mm	14 mm	50 Nm	19 mm	19 mm	30 pc	2041609
HSV M12x150	12 mm	M12	150 mm	14 mm	50 Nm	19 mm	19 mm	25 pc	2041610¹⁾
HSV M16x120	16 mm	M16	120 mm	18 mm	100 Nm	24 mm	24 mm	16 pc	2041611
HSV M16x140	16 mm	M16	140 mm	18 mm	100 Nm	24 mm	24 mm	16 pc	2041612

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Please visit our website for the latest item numbers and related products.

Standard stud anchor HSV-BW



Base materials

- Concrete (uncracked)

Applications

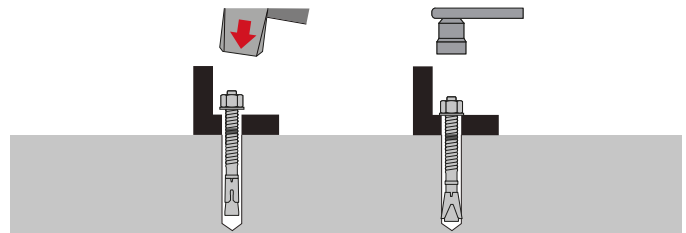
- Wide range of applications in uncracked concrete

Advantages

- Two embedment depths
- Setting mark for easy checking of correct installation
- Raised impact section prevents thread damage during installation

Technical data

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









These are abbreviated instructions which may vary by application. Always review/follow the instructions accompanying the product or refer to www.hilti.com/techlib.

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-BW M8x75	8 mm	M8	75 mm	9 mm	15 Nm	13 mm	13 mm	100 pc	2041256 ¹⁾
HSV-BW M10x90	10 mm	M10	90 mm	12 mm	30 Nm	17 mm	17 mm	50 pc	2041257 ¹⁾
HSV-BW M12x100	12 mm	M12	100 mm	14 mm	50 Nm	19 mm	19 mm	25 pc	2041258 ¹⁾
HSV-BW M12x110	12 mm	M12	110 mm	14 mm	50 Nm	19 mm	19 mm	25 pc	2041259 ¹⁾
HSV-BW M12x120	12 mm	M12	120 mm	14 mm	50 Nm	19 mm	19 mm	25 pc	2041600 ¹⁾
HSV-BW M12x150	12 mm	M12	150 mm	14 mm	50 Nm	19 mm	19 mm	20 pc	2041601 ¹⁾
HSV-BW M16x120	16 mm	M16	120 mm	18 mm	100 Nm	24 mm	24 mm	10 pc	2041602 ¹⁾
HSV-BW M16x140	16 mm	M16	140 mm	18 mm	100 Nm	24 mm	24 mm	10 pc	2041603 ¹⁾

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Please visit our website for the latest item numbers and related products.

Accessories for Expansion Anchors

		HST	HST-R	HST-HCR	HSA	HSA-F	HSA-R	HSA-R2	HSV	HSV-BW		
Ordering designation											Sales pack quantity	Item number
Blow-out pump		■	■	■	■	■	■	■			1 pc	60579
Setting tool HS-SC M6 - M16		■	■	■	■	■	■	■	■	■	1 pc	2051443
Torque bar S-TB HSA M8					■		■	■			1 pc	423774
Torque bar S-TB HSA M10					■		■	■			1 pc	423775
Torque bar S-TB HSA M12					■		■	■			1 pc	423776
Torque bar S-TB HSA M16					■		■	■			1 pc	423777

Frame screw anchor HUS



Base materials

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

Applications

- Fastening window and door frames

Advantages

- Can be driven directly into the base material
- Minimal expansion forces
- Reduced edge and spacing distances

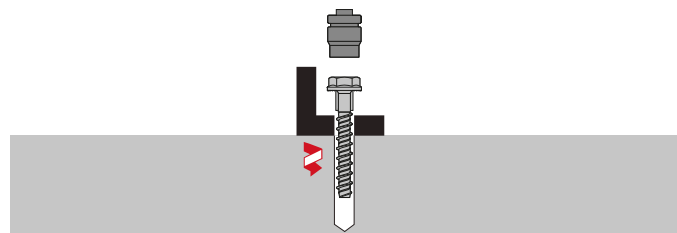
Technical data

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

Approvals

Fire resistance | MPA/IBMB for HUS

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



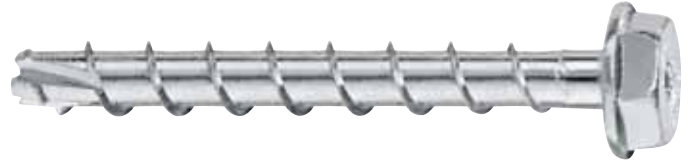
These are abbreviated instructions which may vary by application. Always review/follow the instructions accompanying the product or refer to www.hilti.com/techlib.

Ordering designation	Drill bit diameter	Anchor size	Anchor length	Base plate clearance hole	Sales pack quantity	Item number
HUS 6x35	6 mm	6	35 mm	9 mm	100 pc	383047 ¹⁾
HUS 6x60	6 mm	6	60 mm	9 mm	100 pc	383049 ¹⁾
HUS 6x100	6 mm	6	100 mm	9 mm	100 pc	381402 ¹⁾

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Please visit our website for the latest item numbers and related products.

Screw anchor HUS-H 6



Base materials

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

Applications

- Piping or ventilation applications where channels are fastened directly to the ceiling
- Suitable for serial applications
- Fastening handrails, railings and other ornamental steelwork

Advantages

- Can be driven directly into the base material
- Neat head design, no further finishing required
- ETA approval - also for cracked concrete

Technical data

Material composition	Steel, zinc-plated (min. 5 µm)
Head configuration	Torx hex head
PROFIS	Yes

Approvals

ETA	ETA-08/0307 for HUS-H & HUS-HR (ETAG 001-3, Option 1)
Fire resistance	ETA-10/0005 for HUS-A, H, I, P, HR (ETAG 001-06, Option -)
Fire resistance	MPA/IBMB for HUS

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



These are abbreviated instructions which may vary by application. Always review/follow the instructions accompanying the product or refer to www.hilti.com/techlib.

Ordering designation	Drill bit diameter	Anchor size	Anchor length	Base plate clearance hole	Wrench size	Sales pack quantity	Item number
HUS-H 6x40/5	6 mm	6	40 mm	9 mm	13 mm	100 pc	416735 ¹⁾
HUS-H 6x100/45/65	6 mm	6	100 mm	9 mm	13 mm	100 pc	416738 ¹⁾
HUS-H 6x120/65/85	6 mm	6	120 mm	9 mm	13 mm	100 pc	416739

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Please visit our website for the latest item numbers and related products.

Screw anchor HUS-H 8/10/14



Base materials

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

Applications

- Base plate fastening in steel and metal
- Railings and handrails
- Removable fastenings

Advantages

- Can be driven directly into the base material
- Higher productivity - less drilling and fewer operations than with conventional anchors
- ETA approval - also for use in cracked concrete

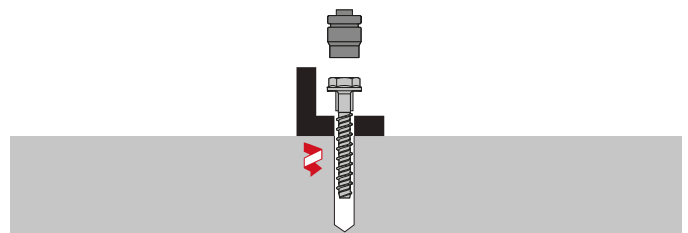
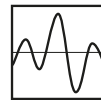
Technical data

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

Approvals

ETA	ETA-08/0307 for HUS-H & HUS-HR (ETAG 001-3, Option 1)
Fire resistance	
Fire resistance	MPA/IBMB for HUS

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



These are abbreviated instructions which may vary by application. Always review/follow the instructions accompanying the product or refer to www.hilti.com/techlib.

Ordering designation	Drill bit diameter	Anchor length	Base plate clearance hole	Wrench size	Sales pack quantity	Item number
HUS-H 8x65/5/15	8 mm	65 mm	12 mm	13 mm	50 pc	368729 ¹⁾
HUS-H 8x80/5/20/30	8 mm	80 mm	12 mm	13 mm	50 pc	401438 ¹⁾
HUS-H 8x90/15/30/40	8 mm	90 mm	12 mm	13 mm	50 pc	368731 ¹⁾
HUS-H 10x65/-/5	10 mm	65 mm	14 mm	15 mm	50 pc	368735
HUS-H 10x75/5/15	10 mm	75 mm	14 mm	15 mm	50 pc	368736 ¹⁾
HUS-H 10x100/15/30/40	10 mm	100 mm	14 mm	15 mm	50 pc	368738 ¹⁾
HUS-H 14x80/-/10	14 mm	80 mm	18 mm	21 mm	16 pc	368745
HUS-H 14x115/5/25/45	14 mm	115 mm	18 mm	21 mm	16 pc	368746

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Please visit our website for the latest item numbers and related products.

Screw anchor HUS-HR



Base materials

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

Applications

- Tunnel construction
- Anchoring facade panels
- Installing railings

Advantages

- Hexagonal head with integral washer for neat appearance when fastening through in-place parts
- ETA approval - also for use in cracked concrete
- Seismic approval ETA C1

Technical data

Material composition	Steel, A4 (SS316)
Head configuration	Hex head
PROFIS	Yes

Ordering designation	Drill bit diameter	Anchor size	Anchor length	Base plate clearance hole	Wrench size	Sales pack quantity	Item number
HUS-HR 8x65/5/15	8 mm	8	65 mm	12 mm	13 mm	25 pc	290030
HUS-HR 10x65/5	10 mm	10	65 mm	14 mm	15 mm	25 pc	290062 ¹⁾

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

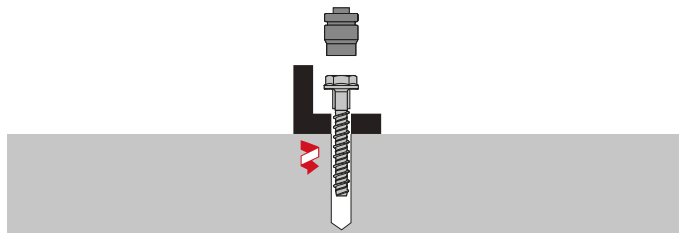
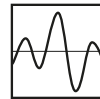
Please visit our website for the latest item numbers and related products.



Approvals

ETA	ETA-08/0307 for HUS-H & HUS-HR (ETAG 001-3, Option 1)
Fire resistance	ETA-10/0005 for HUS-A, H, I, P, HR (ETAG 001-06, Option -)

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



These are abbreviated instructions which may vary by application. Always review/follow the instructions accompanying the product or refer to www.hilti.com/techlib.

Drop-in (flush) 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 (25 mm) available in M6, M8, M10 and M12 sizes
- Visual check for correct setting when used with the Hilti setting tool

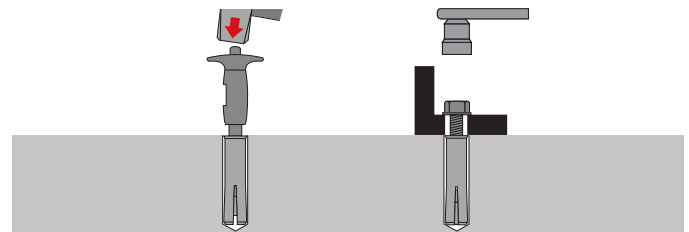
Technical data

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

Approvals

ETA	ETA-02/0032 for HKD (ETAG 001-04, Option 7)
	ETA-06/0047 for HKD (ETAG 001-06, Option -)

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



These are abbreviated instructions which may vary by application. Always review/follow the instructions accompanying the product or refer to www.hilti.com/techlib.

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 pc	376894
HKD M8x30	10 mm	33 mm	8 mm	15 mm	7 Nm	Box	30 mm	100 pc	376959
HKD M8x40	10 mm	44 mm	8 mm	18 mm	7 Nm	Box	40 mm	50 pc	376961 ¹⁾
HKD M10x25	12 mm	24 mm	10 mm	12 mm	15 Nm	Box	25 mm	100 pc	2037453
HKD M10x30	12 mm	33 mm	10 mm	14 mm	15 Nm	Box	30 mm	100 pc	376965
HKD M10x40	12 mm	44 mm	10 mm	19 mm	15 Nm	Box	40 mm	50 pc	376967
HKD M12x50	15 mm	55 mm	12 mm	23 mm	30 Nm	Box	50 mm	50 pc	378544
HKD M16x65	20 mm	70 mm	16 mm	32 mm	60 Nm	Box	65 mm	25 pc	382941
HKD M20x80	25 mm	85 mm	20 mm	44 mm	120 Nm	Box	80 mm	25 pc	382955

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Please visit our website for the latest item numbers and related products.

Drop-in (flush) anchor (imperial) HKD



Base materials

- Concrete (uncracked)

Applications

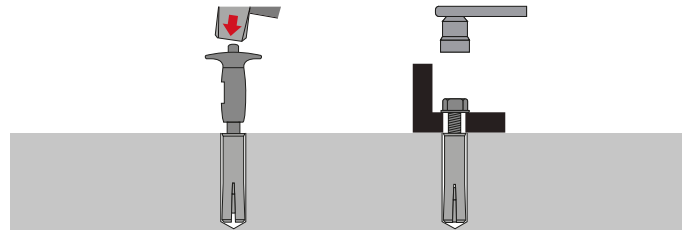
- For medium-duty loads with anchor bolts and threaded rods, e.g. suspension systems for pipes, air ducts and sprinkler systems etc.

Advantages

- Collar ensures precise setting flush with the surface irrespective of hole depth - ideal for repetitive fastening using threaded rods of the same length
- 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)
PROFIS	Yes



These are abbreviated instructions which may vary by application. Always review/follow the instructions accompanying the product or refer to www.hilti.com/techlib.

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 pc	382980
HKD 5/16"x30	10 mm	33 mm	8 mm	15 mm	7 Nm	Box	30 mm	100 pc	383679
HKD 3/8"x30	12 mm	33 mm	10 mm	14 mm	15 Nm	Box	30 mm	100 pc	383686
HKD 3/8"x40	12 mm	44 mm	10 mm	19 mm	15 Nm	Box	40 mm	100 pc	383960
HKD 1/2"x50	16 mm	55 mm	13 mm	23 mm	30 Nm	Box	50 mm	50 pc	384021
HKD 5/8"x65	20 mm	70 mm	16 mm	32 mm	60 Nm	Box	65 mm	25 pc	384023 ¹⁾

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Please visit our website for the latest item numbers and related products.

Drop-in anchor HKD-SR



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

- Stainless steel for corrosion protection
- Features a lip for flush setting, regardless of hole depth
- Visual check for correct setting when used with the Hilti setting tool

Technical data

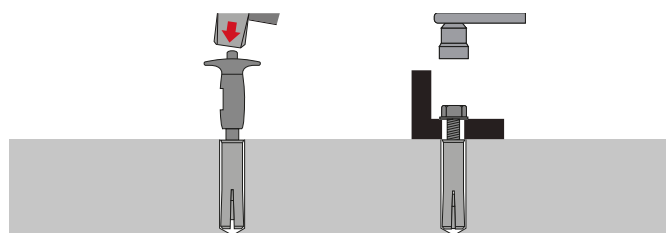
Head configuration	Inner thread
Material composition	Steel, A4 (SS316)
PROFIS	Yes
Suitable for cracked concrete with redundant fastenings	Yes



Approvals

ETA	ETA-02/0032 for HKD (ETAG 001-04, Option 7)
	ETA-06/0047 for HKD (ETAG 001-06, Option -)

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



These are abbreviated instructions which may vary by application. Always review/follow the instructions accompanying the product or refer to www.hilti.com/techlib.

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 pc	247951
HKD-SR M8X30	10 mm	33 mm	8 mm	15 mm	8 Nm	Box	30 mm	100 pc	247952
HKD-SR M10X40	12 mm	44 mm	10 mm	18 mm	15 Nm	Box	40 mm	50 pc	247953
HKD-SR M12X50	15 mm	54 mm	12 mm	22 mm	35 Nm	Box	50 mm	50 pc	247954
HKD-SR M16X65	20 mm	70 mm	16 mm	31 mm	60 Nm	Box	65 mm	25 pc	247955 ¹⁾
HKD-SR M20X80	25 mm	85 mm	20 mm	42 mm	120 Nm	Box	80 mm	25 pc	247956 ¹⁾

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Please visit our website for the latest item numbers and related products.

Drop-in anchor HKV



Base materials

- Concrete (uncracked)

Applications

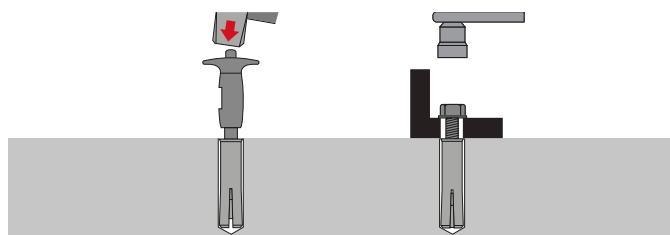
- For medium-duty loads with anchor bolts and threaded rods, e.g. suspension systems for pipes, air ducts and sprinkler systems etc.

Advantages

- No collar - can be set at greater depth
- No damage to the thread when tapping in and expanding

Technical data

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



These are abbreviated instructions which may vary by application. Always review/follow the instructions accompanying the product or refer to www.hilti.com/techlib.

Ordering designation	Drill bit diameter	Drilling depth	Internal thread size	Useable thread length	Max. tightening torque	Packaging	Anchor length	Sales pack quantity	Item number
HKV M6x25	8 mm	27 mm	6 mm	13 mm	3 Nm	Bag	25 mm	100 pc	384616
HKV M8x30	10 mm	33 mm	8 mm	15 mm	7 Nm	Bag	30 mm	100 pc	384966 ¹⁾
HKV M10x30	12 mm	33 mm	10 mm	14 mm	15 Nm	Bag	30 mm	50 pc	384968
HKV M10x40	12 mm	44 mm	10 mm	19 mm	15 Nm	Bag	40 mm	50 pc	384969 ¹⁾
HKV M12x50	15 mm	55 mm	12 mm	23 mm	30 Nm	Bag	50 mm	25 pc	384971
HKV M16x65	20 mm	70 mm	16 mm	32 mm	60 Nm	Bag	65 mm	25 pc	384973

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Please visit our website for the latest item numbers and related products.

Drop-in anchor (imperial) HKV



Base materials

- Concrete (uncracked)

Applications

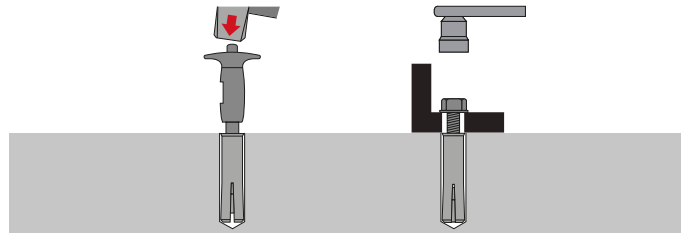
- For medium-duty loads with anchor bolts and threaded rods, e.g. suspension systems for pipes, air ducts and sprinkler systems etc.

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)

















These are abbreviated instructions which may vary by application. Always review/follow the instructions accompanying the product or refer to www.hilti.com/techlib.

Ordering designation	Drill bit diameter	Drilling depth	Internal thread size	Useable thread length	Max. tightening torque	Packaging	Anchor length	Sales pack quantity	Item number
HKV 1/4"x25	8 mm	27 mm	6 mm	13 mm	3 Nm	Bag	25 mm	100 pc	384975
HKV 5/16"x30	10 mm	33 mm	8 mm	15 mm	7 Nm	Bag	30 mm	100 pc	384977
HKV 3/8"x30	12 mm	33 mm	10 mm	14 mm	15 Nm	Bag	30 mm	50 pc	384979
HKV 3/8"x40	12 mm	44 mm	10 mm	19 mm	15 Nm	Bag	40 mm	50 pc	384981
HKV 1/2"x50	16 mm	55 mm	13 mm	23 mm	30 Nm	Bag	50 mm	25 pc	385456

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Accessories for Flush Anchors

Ordering designation		HKD	HKD	HKD-SR	HKV	HKV	Sales pack quantity	Item number
Setting tool HSD-G M10 3/8"x30		■	■	■	■	■	1 pc	230935
Setting tool HSD-G M10 3/8"x40		■	■	■	■	■	1 pc	243742
Setting tool HSD-G M12 1/2"x50		■	■	■	■	■	1 pc	243743
Setting tool HSD-G M16 5/8"x65		■	■	■	■	■	1 pc	243744
Setting tool HSD-G M20 3/4"x80		■	■	■	■	■	1 pc	243745
Setting tool HSD-G M6 1/4"x25		■	■	■	■	■	1 pc	243738
Setting tool HSD-G M8 5/16"x30		■	■	■	■	■	1 pc	243740
Setting tool HSD-M M10 3/8"x30		■	■	■	■	■	1 pc	243750
Setting tool HSD-M M10 3/8"x40		■	■	■	■	■	1 pc	243751
Setting tool HSD-M M12 1/2"x50		■	■	■	■	■	1 pc	243752
Setting tool HSD-M M16 5/8"x65		■	■	■	■	■	1 pc	243753
Setting tool HSD-M M6 1/4"x25		■	■	■	■	■	1 pc	243746
Setting tool HSD-M M8 5/16"x30		■	■	■	■	■	1 pc	243748
Blow-out pump		■	■	■	■	■	1 pc	60579

Sleeve anchor (hex head) HLC



Base materials

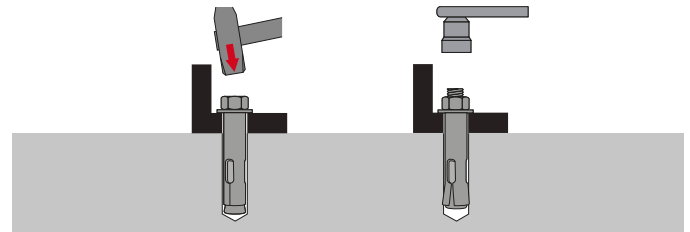
- Concrete (uncracked)
- Masonry (solid)

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



These are abbreviated instructions which may vary by application. Always review/follow the instructions accompanying the product or refer to www.hilti.com/techlib.

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	6.5 mm	6.5 mm	25 mm	5 Nm	7 mm	8 mm	8 mm	100 pc	385811
HLC 6,5x40/20	6.5 mm	6.5 mm	40 mm	5 Nm	7 mm	8 mm	8 mm	100 pc	385812
HLC 6,5x60/40	6.5 mm	6.5 mm	60 mm	5 Nm	7 mm	8 mm	8 mm	100 pc	385813
HLC 8x40/10	8 mm	8 mm	40 mm	8 Nm	10 mm	10 mm	10 mm	100 pc	385814
HLC 8x55/25	8 mm	8 mm	55 mm	8 Nm	10 mm	10 mm	10 mm	100 pc	385816 ¹⁾
HLC 8x70/40	8 mm	8 mm	70 mm	8 Nm	10 mm	10 mm	10 mm	100 pc	385817
HLC 8x85/55	8 mm	8 mm	85 mm	8 Nm	10 mm	10 mm	10 mm	100 pc	385818 ¹⁾
HLC 10x40/5	10 mm	10 mm	40 mm	25 Nm	12 mm	13 mm	13 mm	50 pc	385819
HLC 10x50/15	10 mm	10 mm	50 mm	25 Nm	12 mm	13 mm	13 mm	50 pc	385820
HLC 10x60/25	10 mm	10 mm	60 mm	25 Nm	12 mm	13 mm	13 mm	50 pc	385822
HLC 10x80/45	10 mm	10 mm	80 mm	25 Nm	12 mm	13 mm	13 mm	50 pc	385823
HLC 10x100/65	10 mm	10 mm	100 mm	25 Nm	12 mm	13 mm	13 mm	50 pc	385824 ¹⁾
HLC 12x55/15	12 mm	12 mm	55 mm	40 Nm	14 mm	15 mm	15 mm	50 pc	385825
HLC 12x75/35	12 mm	12 mm	75 mm	40 Nm	14 mm	15 mm	15 mm	50 pc	385827
HLC 12x100/60	12 mm	12 mm	100 mm	40 Nm	14 mm	15 mm	15 mm	25 pc	385829
HLC 16x60/10	16 mm	16 mm	60 mm	50 Nm	18 mm	19 mm	19 mm	25 pc	385830
HLC 16x100/50	16 mm	16 mm	100 mm	50 Nm	18 mm	19 mm	19 mm	10 pc	385831
HLC 16x140/90	16 mm	16 mm	140 mm	50 Nm	18 mm	19 mm	19 mm	10 pc	385832
HLC 20x80/25	20 mm	20 mm	80 mm	80 Nm	21 mm	24 mm	24 mm	10 pc	385833 ¹⁾
HLC 20x115/60	20 mm	20 mm	115 mm	80 Nm	21 mm	24 mm	24 mm	10 pc	385834 ¹⁾
HLC 20x150/95	20 mm	20 mm	150 mm	80 Nm	21 mm	24 mm	24 mm	10 pc	385835 ¹⁾

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Please visit our website for the latest item numbers and related products.

Sleeve anchor (counter sunk) HLC-SK



Base materials

- Concrete (uncracked)
- Masonry (solid)

Applications

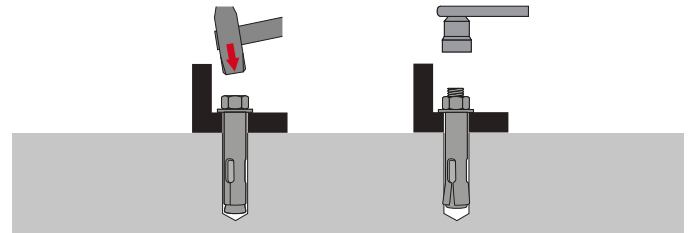
- Suitable for various base materials thanks to the expansion principle

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

Technical data

Material composition	Steel, 8.8 grade, zinc-plated (min. 5 µm)
Head configuration	Countersunk
Anchor length	130 mm
Anchor size	10 mm
Base plate clearance hole	12 mm



These are abbreviated instructions which may vary by application. Always review/follow the instructions accompanying the product or refer to www.hilti.com/techlib.

Ordering designation	Drill bit diameter	Required tightening torque	Sales pack quantity	Item number
HLC-SK 10x130/95	10 mm	25 Nm	25 pc	385865 ¹⁾

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

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Sleeve anchor (hex head) HLC-H



Base materials

- Concrete (uncracked)
- Masonry (solid)

Applications

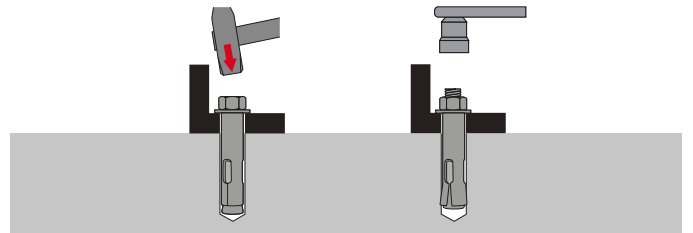
- Suitable for a large range of temporary applications, fastening small items etc.

Advantages

- Variety of lengths and sizes for a multitude of applications
- Pre-assembled anchor for fast, easy installation
- Ideal for through-fastening applications

Technical data

Material composition	Steel, 8.8 grade, zinc-plated (min. 5 µm)
Head configuration	Hex head
Anchor length	40 mm
Anchor size	8 mm
Base plate clearance hole	10 mm



These are abbreviated instructions which may vary by application. Always review/follow the instructions accompanying the product or refer to www.hilti.com/techlib.

Ordering designation	Drill bit diameter	Required tightening torque	Wrench/nut size	Wrench size	Sales pack quantity	Item number
HLC-H 8x40/10	8 mm	8 Nm	10 mm	10 mm	100 pc	385836 ¹⁾

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

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Sleeve anchor (closed eyebolt) HLC-EC



Base materials

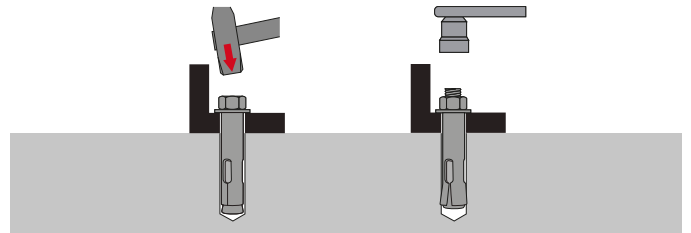
- Concrete (uncracked)
- Masonry (solid)

Advantages

- Pre-assembled anchor for fast, easy installation
- Eyelet version
- Ideal for through-fastening applications

Technical data

Material composition	Steel, zinc-plated (min. 5 µm)
Head configuration	Closed eye bolt



These are abbreviated instructions which may vary by application. Always review/follow the instructions accompanying the product or refer to www.hilti.com/techlib.

Ordering designation	Anchor size	Drill bit diameter	Anchor length	Required tightening torque	Base plate clearance hole	Sales pack quantity	Item number
HLC-EC 8x40	8 mm	8 mm	40 mm	8 Nm	10 mm	50 pc	385871 ¹⁾
HLC-EC 16x100	16 mm	16 mm	100 mm	50 Nm	18 mm	10 pc	385873 ¹⁾

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Please visit our website for the latest item numbers and related products.

Sleeve anchor (open eyebolt) HLC-EO



Base materials

- Concrete (uncracked)
- Masonry (solid)

Applications

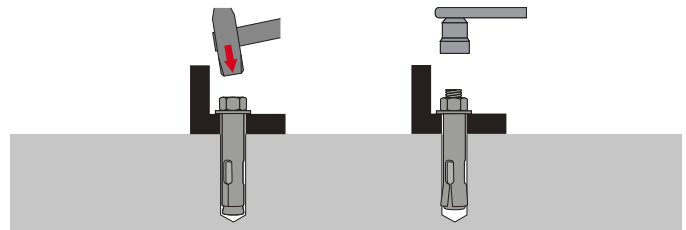
- Suitable for a large range of applications in different base materials

Advantages

- Pre-assembled anchor for fast, easy installation
- Hook version
- Ideal for through-fastening applications

Technical data

Material composition	Steel, zinc-plated (min. 5 µm)
Head configuration	Open eye bolt
Anchor length	40 mm
Anchor size	8 mm
Base plate clearance hole	10 mm



These are abbreviated instructions which may vary by application. Always review/follow the instructions accompanying the product or refer to www.hilti.com/techlib.

Ordering designation	Drill bit diameter	Required tightening torque	Sales pack quantity	Item number
HLC-EO 8x40	8 mm	8 Nm	50 pc	385875 ¹⁾

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

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Cavity anchor HHD-S



Base materials

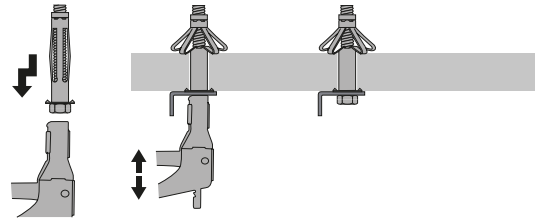
- Drywall
- Masonry (hollow)

Advantages

- Pre-assembled with screw
- Ergonomic setting tool for thread sizes M4 to M8
- Quick and trouble-free installation

Technical data

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



These are abbreviated instructions which may vary by application. Always review/follow the instructions accompanying the product or refer to www.hilti.com/techlib.

Ordering designation	Anchor size	Drill bit diameter	Anchor length	Wrench/nut size	Sales pack quantity	Item number
HHD-S M4/6X32	M4	8 mm	32 mm	-	100 pc	332061 ¹⁾
HHD-S M4/12X38	M4	8 mm	38 mm	-	100 pc	332062 ¹⁾
HHD-S M4/19X45	M4	8 mm	45 mm	-	50 pc	332063 ¹⁾
HHD-S M5/12X52	M5	10 mm	52 mm	-	50 pc	332066 ¹⁾
HHD-S M5/25X65	M5	10 mm	65 mm	-	50 pc	332067 ¹⁾
HHD-S M6/9X38	M6	12 mm	38 mm	-	100 pc	332069 ¹⁾
HHD-S M6/12X52	M6	12 mm	52 mm	-	50 pc	332070
HHD-S M6/24X65	M6	12 mm	65 mm	-	50 pc	332071
HHD-S M6/40X80	M6	12 mm	80 mm	-	50 pc	332072
HHD-S M8/12X54	M8	-	54 mm	13 mm	50 pc	332073 ¹⁾
HHD-S M8/24X66	M8	-	66 mm	13 mm	50 pc	332074 ¹⁾

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Please visit our website for the latest item numbers and related products.

Accessories for Cavity anchor

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

Wedge anchor DBZ



Base materials

- Concrete (cracked)
- Concrete (uncracked)

Applications

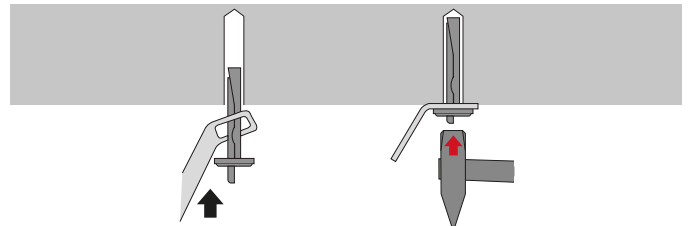
- Suspensions from concrete ceilings with slit-steel straps, punched band, nonius system hangers or wood battens
- For redundant applications in cracked concrete or single-point applications in uncracked concrete

Advantages

- Simple and fast through-fastening
- Impact expansion by hammering in, no setting tool is needed
- Reliable setting thanks to the simple visual check

Technical data

Material composition	Steel, zinc-plated (min. 5 µm)
Head configuration	Flat head
Suitable for cracked concrete with redundant fastenings	Yes
Anchor length	40 mm
Anchor size	6 mm
Base plate clearance hole	7 mm



These are abbreviated instructions which may vary by application. Always review/follow the instructions accompanying the product or refer to www.hilti.com/techlib.

Ordering designation	Drill bit diameter	Sales pack quantity	Item number
DBZ 6/4.5	6 mm	100 pc	256312 ¹⁾

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

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Hook and ring anchors HA 8



Base materials

- Concrete (cracked)
- Concrete (uncracked)

Applications

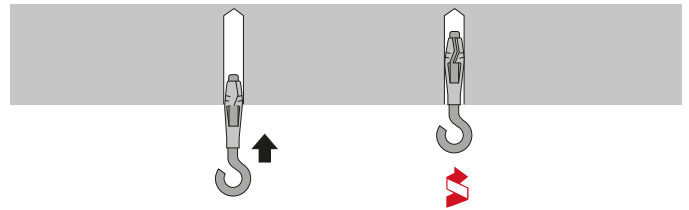
- Suspensions from concrete ceilings e.g. suspended ceilings etc.

Advantages

- Time-saving, easy manual expansion
- Reliable thanks to automatic follow-up expansion
- Fire resistance Class A according to DIN4102

Technical data

Material composition	Steel, zinc-plated (min. 5 µm)
Head configuration	Closed eye bolt, Open eye bolt
Suitable for cracked concrete with redundant fastenings	Yes
Anchor length	66 mm
Anchor size	8 mm



These are abbreviated instructions which may vary by application. Always review/follow the instructions accompanying the product or refer to www.hilti.com/techlib.

Ordering designation	Drill bit diameter	Sales pack quantity	Item number
HA 8 H1	8 mm	100 pc	57036 ¹⁾
HA 8 R1	8 mm	100 pc	57059

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Please visit our website for the latest item numbers and related products.

Metal frame anchor HT



Base materials

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

Applications

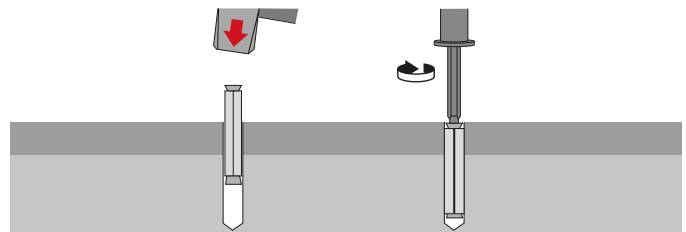
- Fastening door and window frames in a variety of base materials

Advantages

- No risk of distortion or forces of constraint
- Expansion cone cannot be lost
- All metal construction

Technical data

Material composition	Steel, 4.6 grade, zinc-plated (min. 5 µm), Sheet steel, sendzimir zinc-plated to approx. 16µm
Head configuration	Countersunk, Flat head
Anchor length	72 mm
Anchor size	10 mm



These are abbreviated instructions which may vary by application. Always review/follow the instructions accompanying the product or refer to www.hilti.com/techlib.

Ordering designation	Drill bit diameter	Sales pack quantity	Item number
HT 10X72	10 mm	100 pc	369263 ¹⁾

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Please visit our website for the latest item numbers and related products.

Impact anchor HPS-1



Base materials

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

Applications

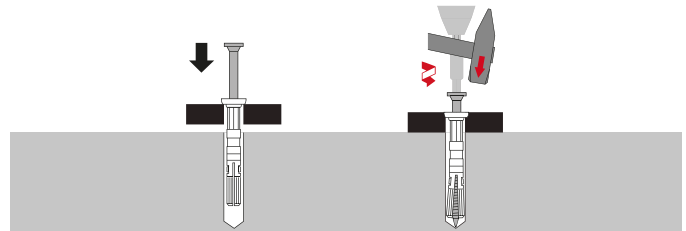
- Anchoring concrete, brick ties and masonry
- Fastening components for electrical and plumbing installations
- Fastening trim strips, battens and components for electrical and plumbing installations

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



These are abbreviated instructions which may vary by application. Always review/follow the instructions accompanying the product or refer to www.hilti.com/techlib.

Ordering designation	Drill bit diameter	Bit size	Sales pack quantity	Item number
HPS-1 5/10x30	5 mm	PZ2	200 pc	230515
HPS-1 5/5x25	5 mm	PZ2	200 pc	260347
HPS-1 5/15x35	5 mm	PZ2	200 pc	260348
HPS-1 6/30x55	6 mm	PZ2	100 pc	230517 ¹⁾
HPS-1 6/25x50	6 mm	PZ2	100 pc	260351
HPS-1 6/40x65	6 mm	PZ2	100 pc	260352
HPS-1 6/0x25	6 mm	PZ2	150 pc	238159 ¹⁾
HPS-1 6/5x30	6 mm	PZ2	150 pc	260349
HPS-1 6/15x40	6 mm	PZ2	150 pc	260350
HPS-1 8/20x50	8 mm	PZ2	50 pc	230518
HPS-1 8/40x70	8 mm	PZ2	50 pc	230519
HPS-1 8/30x60	8 mm	PZ2	50 pc	260354
HPS-1 8/60x90	8 mm	PZ2	50 pc	260355
HPS-1 8/80x110	8 mm	PZ2	50 pc	260356
HPS-1 8/10x40	8 mm	PZ2	100 pc	260353
HPS-1 8/100x130	8 mm	PZ2	100 pc	260367

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Please visit our website for the latest item numbers and related products.

Impact anchor HPS-1 R



Base materials

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

Applications

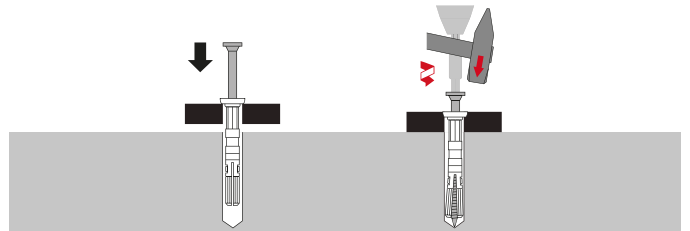
- Anchoring light frames, battens and profiles in hollow and solid base materials
- Corrosion-resistant for outdoor use
- Fastening components for electrical and plumbing installations

Advantages

- Stainless steel hammer-driven screw for outdoor use
- Quick impact installation using a hammer
- The hammer-driven screw can also be driven or unscrewed using a screwdriver

Technical data

Material composition	Body: polyamide, Screw: 304 stainless steel
Head configuration	Countersunk Phillips



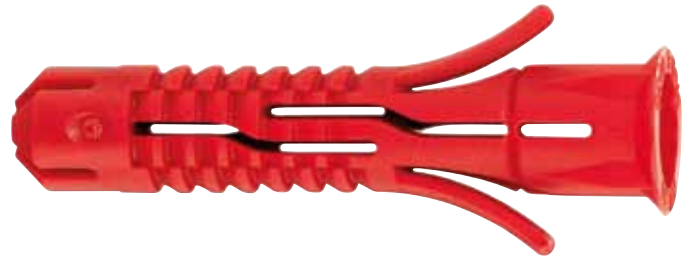
These are abbreviated instructions which may vary by application. Always review/follow the instructions accompanying the product or refer to www.hilti.com/techlib.

Ordering designation	Drill bit diameter	Anchor length	Bit size	Sales pack quantity	Item number
HPS-1 R 5/10x30	5 mm	32 mm	PZ2	200 pc	230524
HPS-1 R 6/5x30	6 mm	32 mm	PZ2	150 pc	260359 ¹⁾
HPS-1 R 6/15x40	6 mm	42 mm	PZ2	100 pc	260360
HPS-1 R 6/25x50	6 mm	52 mm	PZ2	100 pc	260361
HPS-1 R 6/40x65	6 mm	67 mm	PZ2	100 pc	260362
HPS-1 R 8/10x40	8 mm	43 mm	PZ2	100 pc	260363
HPS-1 R 8/30x60	8 mm	63 mm	PZ2	50 pc	260364
HPS-1 R 8/40x70	8 mm	73 mm	PZ2	50 pc	230528 ¹⁾
HPS-1 R 8/60x90	8 mm	93 mm	PZ2	50 pc	260365
HPS-1 R 8/80x110	8 mm	113 mm	PZ2	50 pc	260366 ¹⁾

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Please visit our website for the latest item numbers and related products.

Universal plastic anchor HUD-1



Base materials

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

Applications

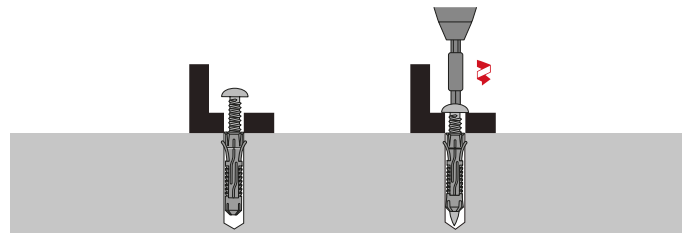
- Many kinds of light-duty fastenings, especially electrical installations, sanitary fixtures, etc.

Advantages

- Base materials: concrete, solid brick, hollow brick, gas (aerated) concrete, gypsum panel
- High holding power
- Suitable for through-fastening with screw

Technical data

Material composition	Polyamide PA 6
Head configuration	n/a



These are abbreviated instructions which may vary by application. Always review/follow the instructions accompanying the product or refer to www.hilti.com/techlib.

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

Please visit our website for the latest item numbers and related products.

Universal plastic anchor HUD-L



Base materials

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

Applications

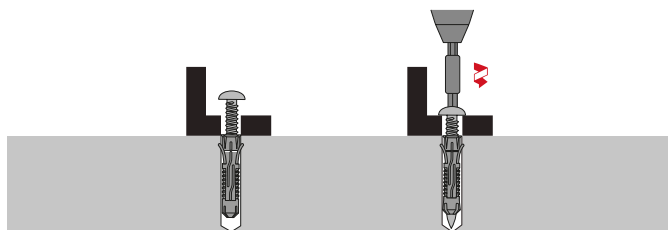
- Refurbishing work on thick layers of plaster and on double-clad drywall panels, e.g. battens, junction boxes, cables, light switches, lights, brackets, signs, shelves, plumbing fixtures, wall brackets etc.
- Extra-long plastic anchor for refurbishment and renovation work or drywall installation

Advantages

- Extra long, for bridging thick layers of plaster up to 30 mm
- Forms a "knot" when set in hollow materials and double-clad drywall panels
- The screw is guided with full control, no breaking through or wandering out of the anchor body

Technical data

Material composition	Body: polyamide
Head configuration	n/a



These are abbreviated instructions which may vary by application. Always review/follow the instructions accompanying the product or refer to www.hilti.com/techlib.

Ordering designation	Drill bit diameter	Anchor length	Sales pack quantity	Item number
HUD-L 6x50	6 mm	47 mm	400 pc	315938 ¹⁾
HUD-L 8x60	8 mm	57 mm	200 pc	315939
HUD-L 10x70	10 mm	70 mm	100 pc	315940

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Please visit our website for the latest item numbers and related products.

Gas concrete anchor HGN



Base materials

- Concrete (aerated)
- Drywall

Applications

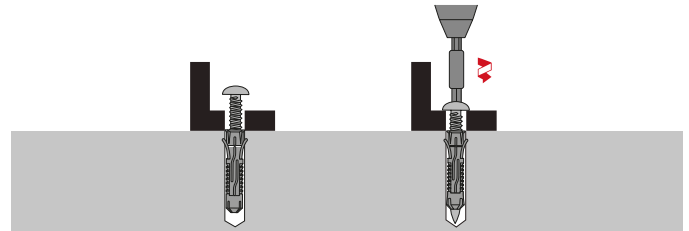
- Many kinds of light-duty fastenings on gas concrete
Fastening battens, lights, switches, signs

Advantages

- Higher loads through well-balanced distribution of forces in the base material
- Reliable setting
- Reliable expansion through accurate screw guidance

Technical data

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



These are abbreviated instructions which may vary by application. Always review/follow the instructions accompanying the product or refer to www.hilti.com/techlib.

Ordering designation	Drill bit diameter	Anchor length	Sales pack quantity	Item number
HGN 12	12 mm	75 mm	50 pc	45626
HGN 14	14 mm	85 mm	50 pc	45627¹⁾

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Please visit our website for the latest item numbers and related products.

Light-duty anchor HLD



Base materials

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

Applications

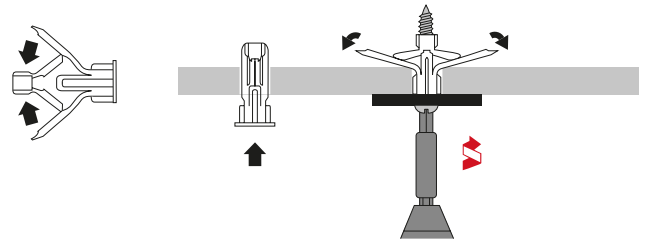
- Fastening on low-strength materials with cavities - for use with standard wood screws
- Anchoring in perforated brick or block, drywall, concrete

Advantages

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

Technical data

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



These are abbreviated instructions which may vary by application. Always review/follow the instructions accompanying the product or refer to www.hilti.com/techlib.

Ordering designation	Drill bit diameter	Anchor length	Sales pack quantity	Item number
HLD 3	10 mm	25 mm	100 pc	335507
HLD 2	10 mm	28 mm	150 pc	335506
HLD 4	10 mm	44 mm	100 pc	335508

Please visit our website for the latest item numbers and related products.

Frame anchor with hex head HRD-H



Base materials

- Concrete (aerated)
- Concrete (cracked)
- Concrete (hollow deck)
- Concrete (uncracked)
- Masonry (grout-filled CMU)
- Masonry (hollow)
- Masonry (hollow CMU)
- Masonry (solid)

Applications

- Fastening metal substructures for ventilated facades
- Typical applications for metal fabricators such as fastening handrails, window bars, railings, balustrades, etc.

Advantages

- Flexible embedment depth (approved at 50 mm and 70 mm embedment depth) - the ideal anchor for a huge range of applications in virtually all base materials
- Pre-assembled for optimum handling and fastening quality
- Available in several sizes, head configurations and materials for a wide range of applications

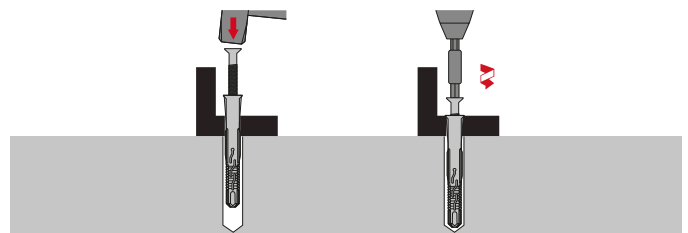
Technical data

Material composition	Steel, zinc-plated (min. 5 µm), Polyamide
Head configuration	Hex head
Anchor size	10 mm
Suitable for cracked concrete with redundant fastenings	Yes

Approvals

ETA | ETA-07/0219 for HRD (ETAG 020-01, Option -)

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



These are abbreviated instructions which may vary by application. Always review/follow the instructions accompanying the product or refer to www.hilti.com/techlib.

Ordering designation	Drill bit diameter	Anchor length	Embedment depth 1	Embedment depth 2	Bit size	Fastening thickness at embed.2	Sales pack quantity	Item number
HRD-H 10x60	10 mm	60 mm	50 mm		T40		50 pc	423870 ¹⁾
HRD-H 10x100	10 mm	100 mm	50 mm	70 mm	T40	30 mm	50 pc	423872 ¹⁾

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Please visit our website for the latest item numbers and related products.

Frame anchor with hex head HRD-HF



Base materials

- Concrete (aerated)
- Concrete (cracked)
- Concrete (hollow deck)
- Concrete (uncracked)
- Masonry (grout-filled CMU)
- Masonry (hollow)
- Masonry (hollow CMU)
- Masonry (solid)

Applications

- Fastening metal substructures for ventilated facades
- Typical applications for metal fabricators such as fastening handrails, window bars, railings, balustrades, etc.

Advantages

- Flexible embedment depth (approved at 50 mm and 70 mm embedment depth) - the ideal anchor for a huge range of applications in virtually all base materials
- Pre-assembled for optimum handling and fastening quality

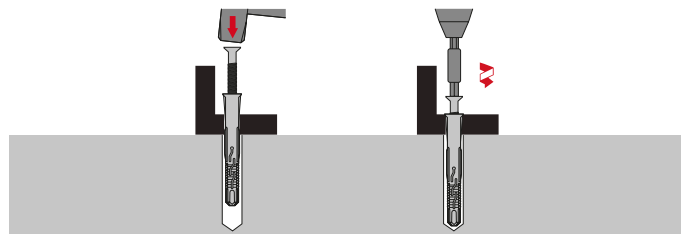
Technical data

Material composition	Steel, hot-dip galvanized (min. 65 µm), Polyamide
Head configuration	Hex head
Anchor size	10 mm
Suitable for cracked concrete with redundant fastenings	Yes

Approvals

ETA | ETA-07/0219 for HRD (ETAG 020-01, Option -)

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



These are abbreviated instructions which may vary by application. Always review/follow the instructions accompanying the product or refer to www.hilti.com/techlib.

Ordering designation	Drill bit diameter	Anchor length	Embedment depth 1	Fastening thickness at embed.1	Screw head diameter	Sales pack quantity	Item number
HRD-HR 10x60	10 mm	60 mm	50 mm	10 mm	18 mm	50 pc	423888 ¹⁾

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Please visit our website for the latest item numbers and related products.

Frame anchor with hex head HRD-HR



Base materials

- Concrete (aerated)
- Concrete (cracked)
- Concrete (hollow deck)
- Concrete (uncracked)
- Masonry (grout-filled CMU)
- Masonry (hollow)
- Masonry (hollow CMU)
- Masonry (solid)

Applications

- Fastening metal substructures for ventilated facades
- Typical applications for metal fabricators such as fastening handrails, window bars, railings, balustrades, etc.

Advantages

- Flexible embedment depth (approved at 50 mm and 70 mm embedment depth) - the ideal anchor for a huge range of applications in virtually all base materials
- Pre-assembled for optimum handling and fastening quality

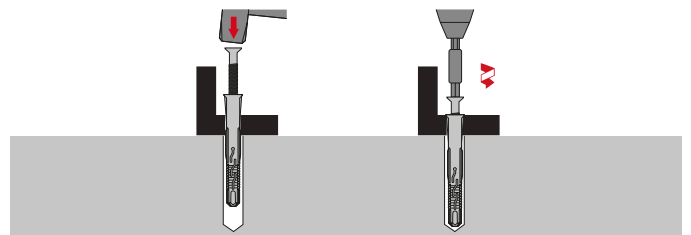
Technical data

Material composition	Steel, A4 (SS 316) or duplex equivalent, Polyamide
Head configuration	Hex head
Anchor size	10 mm
Suitable for cracked concrete with redundant fastenings	Yes

Approvals

ETA | ETA-07/0219 for HRD (ETAG 020-01, Option -)

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



These are abbreviated instructions which may vary by application. Always review/follow the instructions accompanying the product or refer to www.hilti.com/techlib.

Ordering designation	Drill bit diameter	Anchor length	Embedment depth ¹	Fastening thickness at embed.1	Screw head diameter	Sales pack quantity	Item number
HRD-HR 10x60	10 mm	60 mm	50 mm	10 mm	18 mm	50 pc	423888 ¹⁾

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Please visit our website for the latest item numbers and related products.

Frame anchor with hex head HRD-HR2



Base materials

- Concrete (aerated)
- Concrete (cracked)
- Concrete (hollow deck)
- Concrete (uncracked)
- Masonry (grout-filled CMU)
- Masonry (hollow)
- Masonry (hollow CMU)
- Masonry (solid)

Applications

- Fastening metal substructures for ventilated facades
- Typical applications for metal fabricators such as fastening handrails, window bars, railings, balustrades, etc.

Advantages

- Flexible embedment depth (approved at 50 mm and 70 mm embedment depth) - the ideal anchor for a huge range of applications in virtually all base materials
- Suitable for fastening thicknesses up to 150 mm (anchor lengths from 60 mm to 200 mm)
- Available in 4 different materials for optimum suitability in all corrosive environments

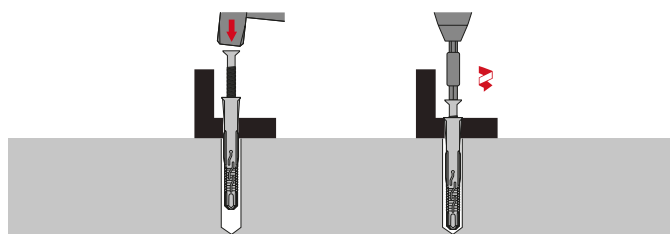
Technical data

Material composition	Steel, A2 (SS 304) or duplex equivalent, Polyamide
Head configuration	Hex head
Anchor size	10 mm
Suitable for cracked concrete with redundant fastenings	Yes

Approvals

ETA | ETA-07/0219 for HRD (ETAG 020-01, Option -)

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



These are abbreviated instructions which may vary by application. Always review/follow the instructions accompanying the product or refer to www.hilti.com/techlib.

Ordering designation	Drill bit diameter	Anchor length	Embedment depth 1	Embedment depth 2	Fastening thickness at embed.2	Screw head diameter	Sales pack quantity	Item number
HRD-HR2 10x60	10 mm	60 mm	50 mm			18 mm	50 pc	423897
HRD-HR2 10x120	10 mm	120 mm	50 mm	70 mm	50 mm	18 mm	50 pc	423900

Please visit our website for the latest item numbers and related products.

Frame anchor with countersunk head HRD-C



Base materials

- Concrete (aerated)
- Concrete (cracked)
- Concrete (hollow deck)
- Concrete (uncracked)
- Masonry (grout-filled CMU)
- Masonry (hollow)
- Masonry (hollow CMU)
- Masonry (solid)

Applications

- Typical applications for metal fabricators such as fastening handrails, window bars, railings, balustrades, etc.
- Fastening wooden substructures for ventilated facades
- Fastening door and window frames

Advantages

- Flexible embedment depth (approved at 50 mm and 70 mm embedment depth) - the ideal anchor for a huge range of applications in virtually all base materials
- Available in 3 different materials for optimum suitability in all corrosive environments
- Pre-assembled for optimum handling and fastening quality

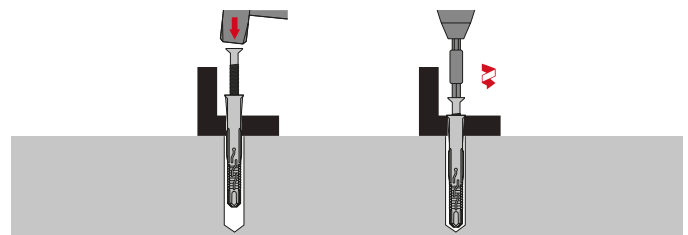
Technical data

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

Approvals

ETA | ETA-07/0219 for HRD (ETAG 020-01, Option -)

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



These are abbreviated instructions which may vary by application. Always review/follow the instructions accompanying the product or refer to www.hilti.com/techlib.

Ordering designation	Drill bit diameter	Anchor length	Embedment depth 1	Embedment depth 2	Bit size	Fastening thickness at embed.2	Sales pack quantity	Item number
HRD-C 8x60	8 mm	60 mm	50 mm		T30		50 pc	202341 ¹⁾
HRD-C 8x80	8 mm	80 mm	50 mm		T30		50 pc	202342 ¹⁾
HRD-C 10x60	10 mm	60 mm	50 mm		T40		50 pc	423859 ¹⁾
HRD-C 10x80	10 mm	80 mm	50 mm	70 mm	T40	10 mm	50 pc	423860 ¹⁾
HRD-C 10x100	10 mm	100 mm	50 mm	70 mm	T40	30 mm	50 pc	423861 ¹⁾
HRD-C 10x120	10 mm	120 mm	50 mm	70 mm	T40	50 mm	50 pc	423862 ¹⁾

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Please visit our website for the latest item numbers and related products.

Frame anchor with countersunk head HRD-CR



Base materials

- Concrete (aerated)
- Concrete (cracked)
- Concrete (hollow deck)
- Concrete (uncracked)
- Masonry (grout-filled CMU)
- Masonry (hollow)
- Masonry (hollow CMU)
- Masonry (solid)

Applications

- Typical applications for metal fabricators such as fastening handrails, window bars, railings, balustrades, etc.
- Fastening wooden substructures for ventilated facades
- Fastening door and window frames

Advantages

- Flexible embedment depth (approved at 50 mm and 70 mm embedment depth) - the ideal anchor for a huge range of applications in virtually all base materials
- Available in 3 different materials for optimum suitability in all corrosive environments
- Pre-assembled for optimum handling and fastening quality

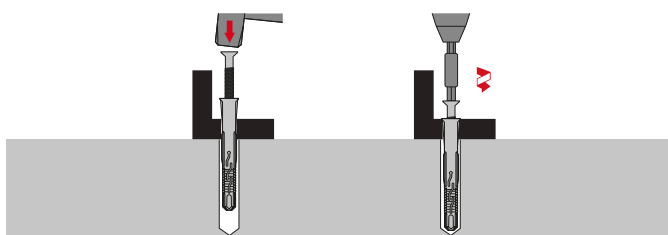
Technical data

Material composition	Steel, A4 (SS 316) or duplex equivalent, Polyamide
Head configuration	Countersunk
Anchor size	10 mm
Suitable for cracked concrete with redundant fastenings	Yes

Approvals

ETA | ETA-07/0219 for HRD (ETAG 020-01, Option -)

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



These are abbreviated instructions which may vary by application. Always review/follow the instructions accompanying the product or refer to www.hilti.com/techlib.

Ordering designation	Drill bit diameter	Anchor length	Embedment depth ¹	Fastening thickness at embed. ¹	Bit size	Screw head diameter	Sales pack quantity	Item number
HRD-CR 10x60	10 mm	60 mm	50 mm	10 mm	T40	14 mm	50 pc	423885 ¹⁾

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Please visit our website for the latest item numbers and related products.

Frame anchor with countersunk head HRD-CR2



Base materials

- Concrete (aerated)
- Concrete (cracked)
- Concrete (hollow deck)
- Concrete (uncracked)
- Masonry (grout-filled CMU)
- Masonry (hollow)
- Masonry (hollow CMU)
- Masonry (solid)

Applications

- Typical applications for metal fabricators such as fastening handrails, window bars, railings, balustrades, etc.
- Fastening wooden substructures for ventilated facades
- Fastening door and window frames

Advantages

- Flexible embedment depth (approved at 50 mm and 70 mm embedment depth) - the ideal anchor for a huge range of applications in virtually all base materials
- Suitable for fastening thicknesses up to 260 mm (anchor lengths from 60 mm to 310 mm)
- Available in 3 different materials for optimum suitability in all corrosive environments

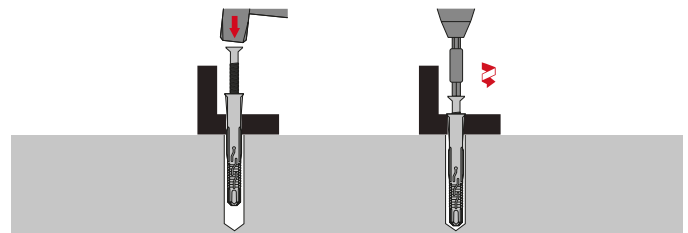
Technical data

Material composition	Steel, A2 (SS 304) or duplex equivalent, Polyamide
Head configuration	Countersunk
Anchor size	10 mm
Suitable for cracked concrete with redundant fastenings	Yes

Approvals

ETA | ETA-07/0219 for HRD (ETAG 020-01, Option -)

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



These are abbreviated instructions which may vary by application. Always review/follow the instructions accompanying the product or refer to www.hilti.com/techlib.

Ordering designation	Drill bit diameter	Anchor length	Embedment depth 1	Fastening thickness at embed.1	Bit size	Screw head diameter	Sales pack quantity	Item number
HRD-CR2 10x60	10 mm	60 mm	50 mm	10 mm	T40	14 mm	50 pc	423892

Please visit our website for the latest item numbers and related products.

Frame anchor with hex head HRD-K



Base materials

- Concrete (aerated)
- Concrete (cracked)
- Concrete (hollow deck)
- Concrete (uncracked)
- Masonry (grout-filled CMU)
- Masonry (hollow)
- Masonry (hollow CMU)
- Masonry (solid)

Applications

- Fastening metal substructures for ventilated facades
- Typical applications for metal fabricators such as fastening handrails, window bars, railings, balustrades, etc.

Advantages

- Flexible embedment depth (approved at 50 mm and 70 mm embedment depth) - the ideal anchor for a huge range of applications in virtually all base materials
- Suitable for fastening thicknesses up to 90 mm (anchor lengths from 60 mm to 140 mm)
- Available in carbon steel and A2 stainless steel

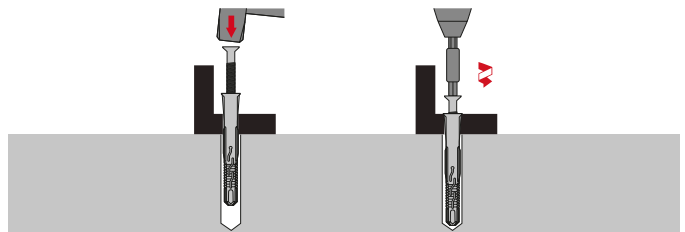
Technical data

Material composition	Steel, zinc-plated (min. 5 µm), Polyamide
Head configuration	Hex head
Anchor size	10 mm
Suitable for cracked concrete with redundant fastenings	Yes

Approvals

ETA | ETA-07/0219 for HRD (ETAG 020-01, Option -)

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



These are abbreviated instructions which may vary by application. Always review/follow the instructions accompanying the product or refer to www.hilti.com/techlib.

Ordering designation	Drill bit diameter	Anchor length	Embedment depth ¹⁾	Fastening thickness at embed. ¹⁾	Bit size	Screw head diameter	Sales pack quantity	Item number
HRD-K 10x60	10 mm	60 mm	50 mm	10 mm	T40	18 mm	50 pc	423878 ¹⁾

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Please visit our website for the latest item numbers and related products.

Frame anchor with hex head HRD-KR2



Base materials

- Concrete (aerated)
- Concrete (cracked)
- Concrete (hollow deck)
- Concrete (uncracked)
- Masonry (grout-filled CMU)
- Masonry (hollow)
- Masonry (hollow CMU)
- Masonry (solid)

Applications

- Fastening metal substructures for ventilated facades
- Typical applications for metal fabricators such as fastening handrails, window bars, railings, balustrades, etc.

Advantages

- Flexible embedment depth (approved at 50 mm and 70 mm embedment depth) - the ideal anchor for a huge range of applications in virtually all base materials
- Suitable for fastening thicknesses up to 90 mm (anchor lengths from 60 mm to 140 mm)
- Available in carbon steel and A2 stainless steel

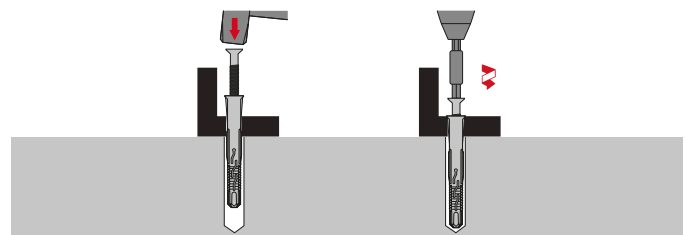
Technical data

Material composition	Steel, A2 (SS 304) or duplex equivalent, Polyamide
Head configuration	Hex head
Anchor size	10 mm
Suitable for cracked concrete with redundant fastenings	Yes

Approvals

ETA | ETA-07/0219 for HRD (ETAG 020-01, Option -)

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



These are abbreviated instructions which may vary by application. Always review/follow the instructions accompanying the product or refer to www.hilti.com/techlib.

Ordering designation	Drill bit diameter	Anchor length	Embedment depth 1	Fastening thickness at embed.1	Screw head diameter	Sales pack quantity	Item number
HRD-KR2 10x60	10 mm	60 mm	50 mm	10 mm	18 mm	50 pc	423902 ¹⁾

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Please visit our website for the latest item numbers and related products.

Frame anchor with pan head HRD-P



Base materials

- Concrete (aerated)
- Concrete (cracked)
- Concrete (hollow deck)
- Concrete (uncracked)
- Masonry (grout-filled CMU)
- Masonry (hollow)
- Masonry (hollow CMU)
- Masonry (solid)

Applications

- Typical applications for metal fabricators such as fastening handrails, window bars, railings, balustrades, etc.

Advantages

- Flexible embedment depth (approved at 50 mm and 70 mm embedment depth) - the ideal anchor for a huge range of applications in virtually all base materials
- Available in 2 different materials for optimum suitability in all corrosive environments
- Pre-assembled for optimal handling and fastening quality

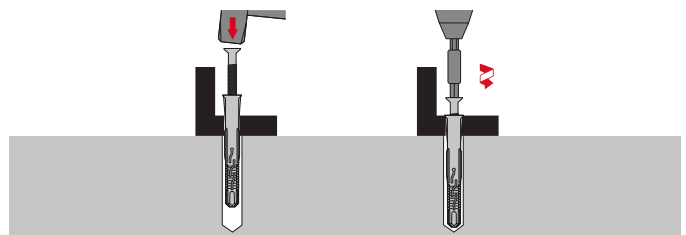
Technical data

Material composition	Steel, zinc-plated (min. 5 µm), Polyamide
Head configuration	Round head
Anchor size	10 mm
Suitable for cracked concrete with redundant fastenings	Yes

Approvals

ETA | ETA-07/0219 for HRD (ETAG 020-01, Option -)

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



These are abbreviated instructions which may vary by application. Always review/follow the instructions accompanying the product or refer to www.hilti.com/techlib.

Ordering designation	Drill bit diameter	Anchor length	Embedment depth 1	Fastening thickness at embed.1	Bit size	Sales pack quantity	Item number
HRD-P 10x60	10 mm	60 mm	50 mm	10 mm	T40	50 pc	423883 ¹⁾

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Please visit our website for the latest item numbers and related products.

Frame anchor with pan head HRD-PR2



Base materials

- Concrete (aerated)
- Concrete (cracked)
- Concrete (hollow deck)
- Concrete (uncracked)
- Masonry (grout-filled CMU)
- Masonry (hollow)
- Masonry (hollow CMU)
- Masonry (solid)

Applications

- Typical applications for metal fabricators such as fastening handrails, window bars, railings, balustrades, etc.

Advantages

- Flexible embedment depth (approved at 50 mm and 70 mm embedment depth) - the ideal anchor for a huge range of applications in virtually all base materials
- Available in 2 different materials for optimum suitability in all corrosive environments
- Pre-assembled for optimal handling and fastening quality

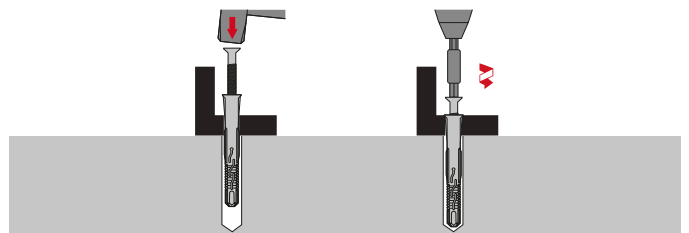
Technical data

Material composition	Steel, A2 (SS 304) or duplex equivalent, Polyamide
Head configuration	Round head
Anchor size	10 mm
Suitable for cracked concrete with redundant fastenings	Yes

Approvals

ETA | ETA-07/0219 for HRD (ETAG 020-01, Option -)

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



These are abbreviated instructions which may vary by application. Always review/follow the instructions accompanying the product or refer to www.hilti.com/techlib.

Ordering designation	Drill bit diameter	Anchor length	Embedment depth 1	Fastening thickness at embed.1	Bit size	Sales pack quantity	Item number
HRD-PR2 10x60	10 mm	60 mm	50 mm	10 mm	T40	50 pc	423907 ¹⁾

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Please visit our website for the latest item numbers and related products.

Insulation fastener and plug IZ



Base materials

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

Applications

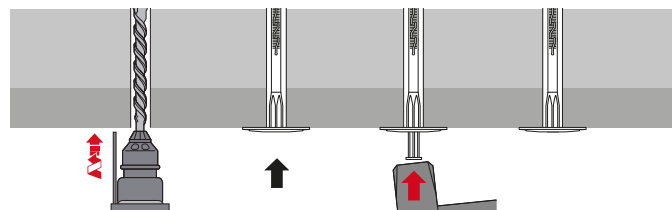
- For fastening insulating materials. e.g. behind curtain wall cladding and for basement insulation

Advantages

- Can be set quickly thanks to simple impact installation
- Can be used on all conventional base materials
- Anchor hole does not need to be cleaned

Technical data

Material composition	Body: polypropylene, Expansion pin: polyamide, fibre-reinforced
ETICS	No
Colour	White
Drill bit diameter	8 mm



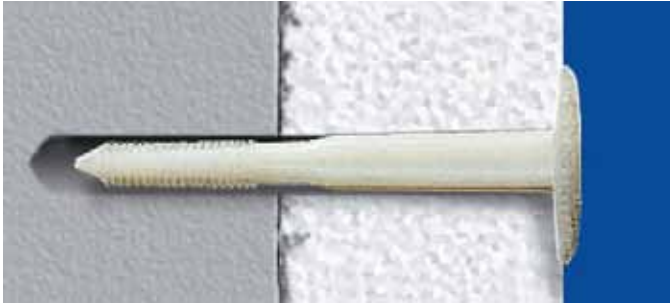
These are abbreviated instructions which may vary by application. Always review/follow the instructions accompanying the product or refer to www.hilti.com/techlib.

Ordering designation	Standard embedment depth	Insulation material thickness fastened - min.	Insulation material thickness fastened - max.	Anchor length	Sales pack quantity	Item number
IZ 8x70	40 mm	10 mm	20 mm	70 mm	250 pc	378160
IZ 8x210	40 mm	160 mm	180 mm	210 mm	100 pc	378167 ¹⁾

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Please visit our website for the latest item numbers and related products.

Insulation anchor IDP



Base materials

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

Applications

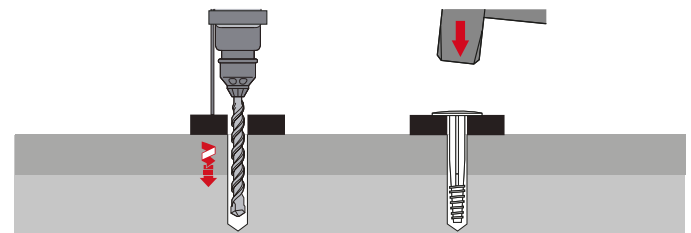
- Fastening hard, self-supporting, insulating materials such as expanded polystyrene

Advantages

- Quick and easy impact installation
- No metal parts, which reduces potential condensation behind finished coat of EIF systems
- Specially structured head to help ensure bonding of plaster applied directly over the anchor

Technical data

Material composition	Polypropylene
ETICS	No
Colour	White
Drill bit diameter	8 mm



These are abbreviated instructions which may vary by application. Always review/follow the instructions accompanying the product or refer to www.hilti.com/techlib.

Ordering designation	Standard embedment depth	Insulation material thickness fastened - min.	Insulation material thickness fastened - max.	Sales pack quantity	Item number
IDP 0/2	25 mm	0 mm	20 mm	250 pc	332105 ¹⁾
IDP 2/4	25 mm	20 mm	40 mm	250 pc	332106 ¹⁾
IDP 4/6	25 mm	40 mm	60 mm	250 pc	332107 ¹⁾
IDP 6/8	25 mm	60 mm	80 mm	250 pc	332108 ¹⁾

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Please visit our website for the latest item numbers and related products.

Metal insulation fastener IDMS



Base materials

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

Applications

- Insulation fastenings with fire resistance requirements

Advantages

- Certified fire resistance
- Fire resistant fastener for insulation materials up to 150 mm
- Simple setting by hammering

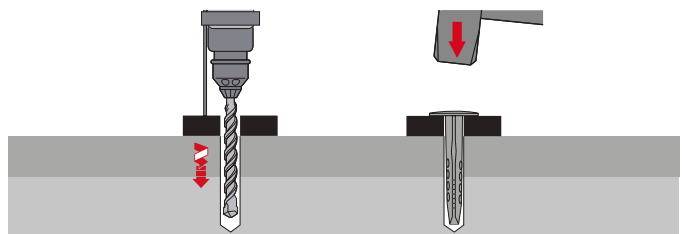
Technical data

Material composition	Steel, zinc-plated (min. 5 µm)
ETICS	No
Drill bit diameter	8 mm

Approvals

Fire resistance	MPA/IBMB for IDMS / IDMR
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Approvals and test reports may apply to selected products only. Please refer to the documents for details.



These are abbreviated instructions which may vary by application. Always review/follow the instructions accompanying the product or refer to www.hilti.com/techlib.

Ordering designation	Standard embedment depth	Insulation material thickness fastened - min.	Insulation material thickness fastened - max.	Anchor length	Sales pack quantity	Item number
IDMS 6/ 9	50 mm	60 mm	90 mm	140 mm	250 pc	65754 ¹⁾
IDMS 9/12	50 mm	90 mm	120 mm	170 mm	150 pc	65725 ¹⁾

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Please visit our website for the latest item numbers and related products.

Anchor channel HAC-20



Base materials

- Concrete (cracked)
- Concrete (uncracked)

Applications

- Brick wall ties
- Connection of brick walls to concrete structures using wall-ties
- Connection of pre-cast components using connectors

Advantages

- Simplification of the range available Versatile channel geometry allowing usage of same bolt type in HAC-10 and HAC-20 channels
- Fast and convenient removal of LDPE foam filling
- European approval according to the latest technical specifications

Technical data

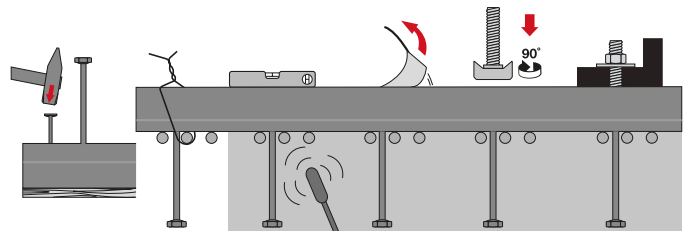
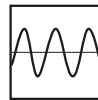
Anchor type	Anchor channel
Material, corrosion	Steel, sherardized / hot-dip galvanized
Width	28 mm
Height	18 mm

Approvals

ETA
Fire resistance
Fatigue

ETA-11/0006 for HAC (ETAG -, Option -)

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



These are abbreviated instructions which may vary by application. Always review/follow the instructions accompanying the product or refer to www.hilti.com/techlib.

Ordering designation	Length	Number of anchors	Anchor distance	Sales pack quantity	Item number
HAC-20 76/100 F	100 mm	2	50 mm	1 pc	431879 ¹⁾
HAC-20 76/150 F	150 mm	2	100 mm	1 pc	431880 ¹⁾
HAC-20 76/200 F	200 mm	2	150 mm	1 pc	431881 ¹⁾
HAC-20 76/250 F	250 mm	2	200 mm	1 pc	431882 ¹⁾
HAC-20 76/350 F	350 mm	3	150 mm	1 pc	431883 ¹⁾
HAC-20 76/450 F	450 mm	3	200 mm	1 pc	431884 ¹⁾

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Please visit our website for the latest item numbers and related products.

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

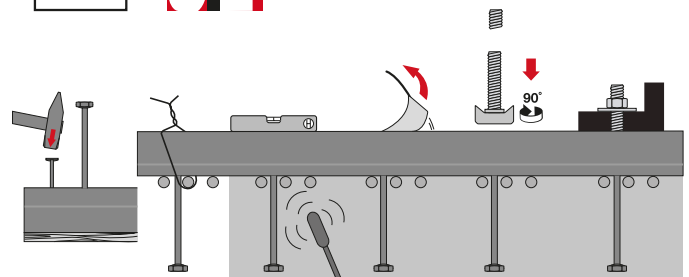
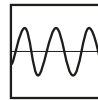
Technical data

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

Approvals

ETA Fire resistance Fatigue	ETA-11/0006 for HAC (ETAG -, Option -)
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Approvals and test reports may apply to selected products only. Please refer to the documents for details.



These are abbreviated instructions which may vary by application. Always review/follow the instructions accompanying the product or refer to www.hilti.com/techlib.

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

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Please visit our website for the latest item numbers and related products.

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)

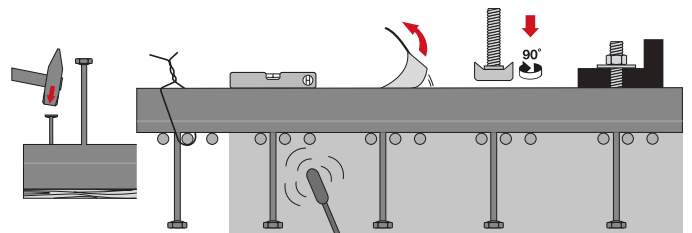
Technical data

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

Approvals

ETA	ETA-11/0006 for HAC (ETAG -, Option -)
Fire resistance	
Fatigue	

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



These are abbreviated instructions which may vary by application. Always review/follow the instructions accompanying the product or refer to www.hilti.com/techlib.

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

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Please visit our website for the latest item numbers and related products.

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)

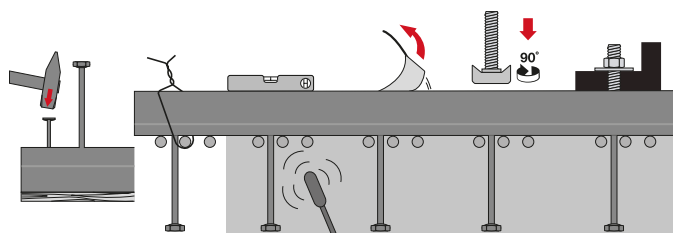
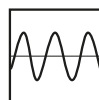
Technical data

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

Approvals

ETA Fire resistance Fatigue	ETA-11/0006 for HAC (ETAG -, Option -)
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Approvals and test reports may apply to selected products only. Please refer to the documents for details.



These are abbreviated instructions which may vary by application. Always review/follow the instructions accompanying the product or refer to www.hilti.com/techlib.

Ordering designation	Length	Number of anchors	Anchor distance	Sales pack quantity	Item number
HAC-50 106/200 F	200 mm	2	150 mm	1 pc	431835 ¹⁾
HAC-50 106/250 F	250 mm	2	200 mm	1 pc	431836 ¹⁾
HAC-50 106/300 F	300 mm	2	250 mm	1 pc	431837 ¹⁾
HAC-50 106/350 F	350 mm	3	150 mm	1 pc	431838 ¹⁾
HAC-50 106/450 F	450 mm	3	200 mm	1 pc	431839 ¹⁾
HAC-50 106/550 F	550 mm	3	250 mm	1 pc	431840 ¹⁾

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Please visit our website for the latest item numbers and related products.

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)

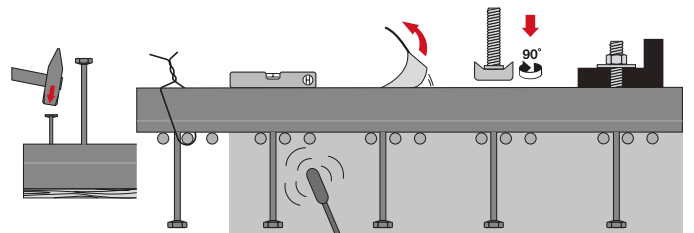
Technical data

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

Approvals

ETA Fire resistance Fatigue	ETA-11/0006 for HAC (ETAG -, Option -)
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Approvals and test reports may apply to selected products only. Please refer to the documents for details.



These are abbreviated instructions which may vary by application. Always review/follow the instructions accompanying the product or refer to www.hilti.com/techlib.

Ordering designation	Length	Number of anchors	Anchor distance	Sales pack quantity	Item number
HAC-60 148/300 F	300 mm	2	250 mm	1 pc	431850¹⁾
HAC-60 148/350 F	350 mm	3	150 mm	1 pc	431851¹⁾
HAC-60 148/450 F	450 mm	3	200 mm	1 pc	431852¹⁾
HAC-60 148/550 F	550 mm	3	250 mm	1 pc	431853¹⁾

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Please visit our website for the latest item numbers and related products.

Anchor channel HAC-70



Base materials

- Concrete (cracked)
- Concrete (uncracked)

Applications

- Fastening curtain wall brackets
- 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

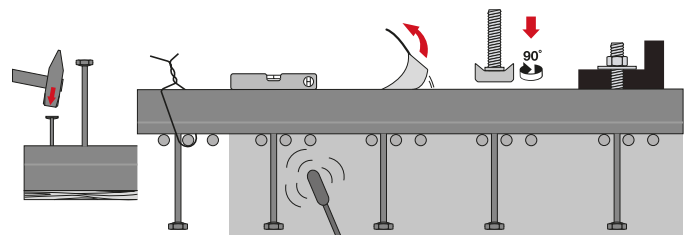
Anchor type	Anchor channel
Material, corrosion	Steel, sherardized / hot-dip galvanized
Width	45 mm
Height	40 mm

Approvals

ETA
Fire resistance
Fatigue

ETA-11/0006 for HAC (ETAG -, Option -)

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



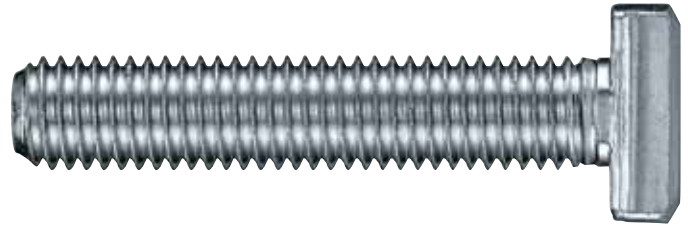
These are abbreviated instructions which may vary by application. Always review/follow the instructions accompanying the product or refer to www.hilti.com/techlib.

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

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Please visit our website for the latest item numbers and related products.

T-head bolt (galvanized) HBC-A



Applications

- For use with HAC-10 and HAC-20 anchor channels

Advantages

- Dustless, low-noise fastening method
- Simplification of the range of items required Only one universal bolt type needed to cover HAC-10 and HAC-20 anchor channel
- European approval in accordance with the latest technical specifications

Technical data

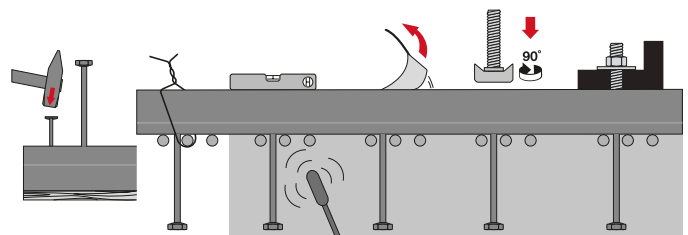
Anchor type	T-head bolt
Material, corrosion	Steel, zinc-plated

Approvals

ETA
Fire resistance
Fatigue

ETA-11/0006 for HAC (ETAG -, Option -)

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



These are abbreviated instructions which may vary by application. Always review/follow the instructions accompanying the product or refer to www.hilti.com/techlib.

Ordering designation

HBC-A M10x60 4.6G

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

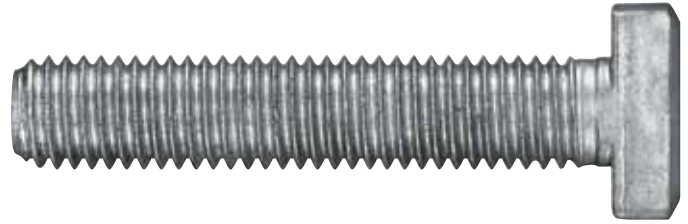
Sales pack quantity

100 pc

Item number

433491¹⁾

Please visit our website for the latest item numbers and related products.

T-head bolt (hot-dip galvanized) incl. hex nut HBC-A 4.6**Applications**

- For use with HAC-10 and HAC-20 anchor channels

Advantages

- Dustless, low-noise fastening method
- Only one universal bolt type needed for HAC-10 and HAC-20 anchor channels
- European Technical Approval in accordance with the latest technical specifications

Technical data

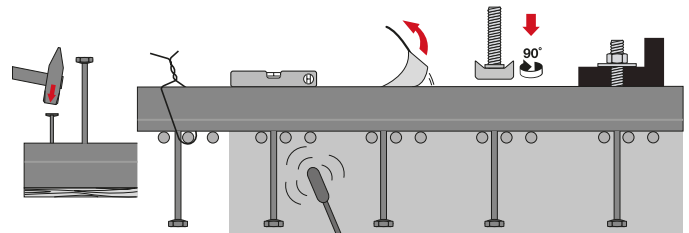
Anchor type	T-head bolt
Material, corrosion	Steel, sherardized / hot-dip galvanized

Approvals

ETA
Fire resistance
Fatigue

ETA-11/0006 for HAC (ETAG -, Option -)

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



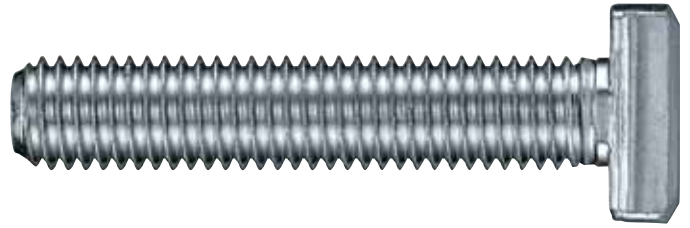
These are abbreviated instructions which may vary by application. Always review/follow the instructions accompanying the product or refer to www.hilti.com/techlib.

Ordering designation	Sales pack quantity	Item number
HBC-A M12x40 4.6F	100 pc	433505¹⁾
HBC-A M12x60 4.6F	100 pc	433507¹⁾

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Please visit our website for the latest item numbers and related products.

T-head bolt (stainless) incl. hex nut HBC-A 50R



Applications

- For use with HAC-10 and HAC-20 anchor channels

Advantages

- Dustless, low-noise fastening method
- Only one universal bolt type needed for HAC-10 and HAC-20 anchor channels
- European Technical Approval in accordance with the latest technical specifications

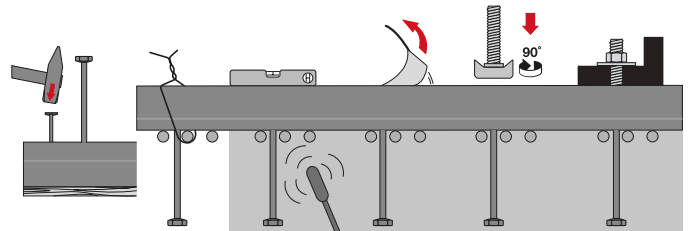
Technical data

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

Approvals

ETA Fire resistance Fatigue	ETA-11/0006 for HAC (ETAG -, Option -)
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Approvals and test reports may apply to selected products only. Please refer to the documents for details.



These are abbreviated instructions which may vary by application. Always review/follow the instructions accompanying the product or refer to www.hilti.com/techlib.

Ordering designation	Sales pack quantity	Item number
HBC-A M10x40 50R	25 pc	433514 ¹⁾
HBC-A M10x50 50R	25 pc	433515 ¹⁾
HBC-A M10x80 50R	25 pc	433517 ¹⁾
HBC-A M12x30 50R	25 pc	433518 ¹⁾
HBC-A M12x50 50R	25 pc	433519 ¹⁾
HBC-A M12x60 50R	25 pc	433521 ¹⁾
HBC-A M12x80 50R	25 pc	433522 ¹⁾
HBC-A M12x100 50R	25 pc	433523 ¹⁾
HBC-A M10x20 50R	50 pc	433511 ¹⁾
HBC-A M10x30 50R	50 pc	433513 ¹⁾

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Please visit our website for the latest item numbers and related products.

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

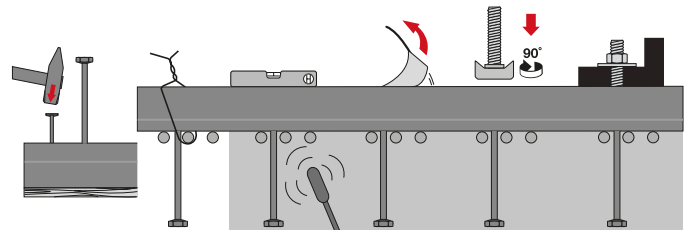
Anchor type	T-head bolt
Material, corrosion	Steel, zinc-plated

Approvals

ETA
Fire resistance
Fatigue

ETA-11/0006 for HAC (ETAG -, Option -)

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



These are abbreviated instructions which may vary by application. Always review/follow the instructions accompanying the product or refer to www.hilti.com/techlib.

Ordering designation

HBC-B M10x60 4.6G

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Sales pack quantity

100 pc

Item number

433528¹⁾

Please visit our website for the latest item numbers and related products.

Hot-dip galvanized T-head bolt 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

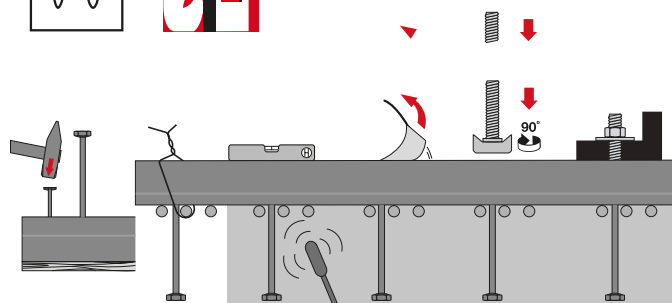
Anchor type	T-head bolt
Material, corrosion	Steel, sherardized / hot-dip galvanized

Approvals

ETA
Fire resistance
Fatigue

ETA-11/0006 for HAC (ETAG -, Option -)

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



These are abbreviated instructions which may vary by application. Always review/follow the instructions accompanying the product or refer to www.hilti.com/techlib.

Ordering designation

HBC-B M12x60 4.6F

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Sales pack quantity

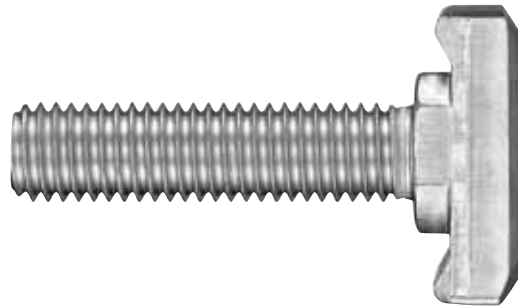
100 pc

Item number

433535¹⁾

Please visit our website for the latest item numbers and related products.

T-head bolt (galvanized) incl. hex nut HBC-C 8.8



Applications

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

Advantages

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

Technical data

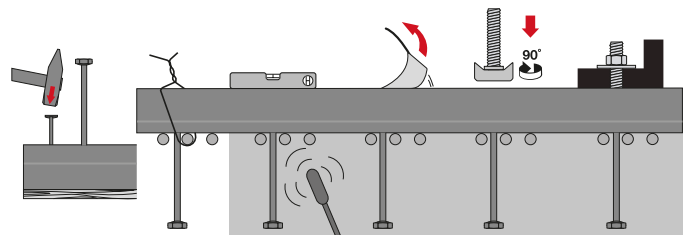
Anchor type	T-head bolt
Material, corrosion	Steel, zinc-plated

Approvals

ETA
Fire resistance
Fatigue

ETA-11/0006 for HAC (ETAG -, Option -)

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



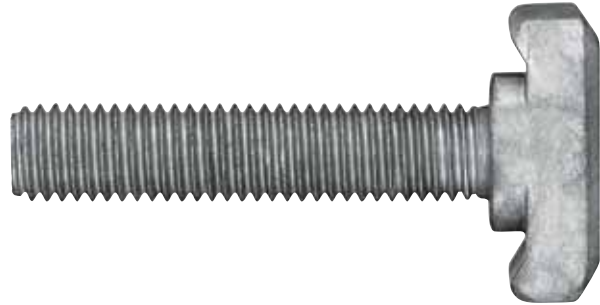
These are abbreviated instructions which may vary by application. Always review/follow the instructions accompanying the product or refer to www.hilti.com/techlib.

Ordering designation	Sales pack quantity	Item number
HBC-C M16x80 8.8G	50 pc	434381 ¹⁾
HBC-C M16x100 8.8G	50 pc	434382 ¹⁾
HBC-C M16x50 8.8G	100 pc	434378 ¹⁾
HBC-C M16x60 8.8G	100 pc	434379 ¹⁾
HBC-C M16x70 8.8G	100 pc	434380 ¹⁾

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Please visit our website for the latest item numbers and related products.

T-head bolt hot-dip galvanized (HDG) incl. hex nut HBC-C 8.8



Applications

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

Advantages

- Dust-free, 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 the latest technical specifications

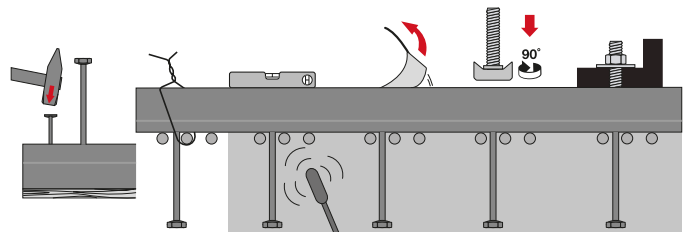
Technical data

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

Approvals

ETA	ETA-11/0006 for HAC (ETAG -, Option -)
Fire resistance	
Fatigue	

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



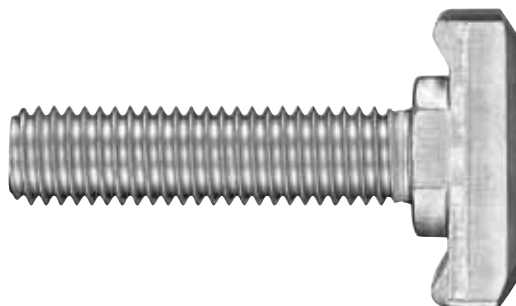
These are abbreviated instructions which may vary by application. Always review/follow the instructions accompanying the product or refer to www.hilti.com/techlib.

Ordering designation	Sales pack quantity	Item number
HBC-C M20x125 8.8F	25 pc	434410 ¹⁾
HBC-C M20x150 8.8F	25 pc	434411 ¹⁾
HBC-C M16x80 8.8F	50 pc	434406 ¹⁾
HBC-C M16x100 8.8F	50 pc	434407 ¹⁾
HBC-C M20x60 8.8F	50 pc	434408 ¹⁾
HBC-C M20x100 8.8F	50 pc	434409 ¹⁾
HBC-C M12x80 8.8F	100 pc	2019732 ¹⁾
HBC-C M12x100 8.8F	100 pc	2019733 ¹⁾
HBC-C M12x40 8.8F	100 pc	434401 ¹⁾
HBC-C M12x50 8.8F	100 pc	434402 ¹⁾
HBC-C M12x60 8.8F	100 pc	434403 ¹⁾
HBC-C M16x50 8.8F	100 pc	434404 ¹⁾
HBC-C M16x60 8.8F	100 pc	434405 ¹⁾

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Please visit our website for the latest item numbers and related products.

T-head bolt (stainless) incl. hex nut HBC-C 50R



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

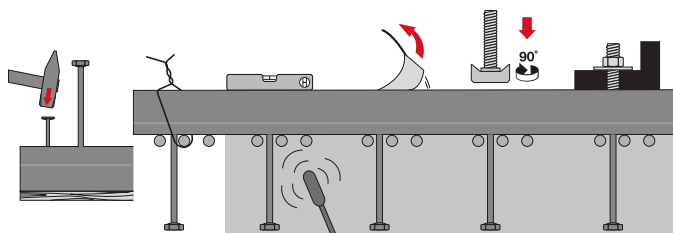
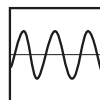
Anchor type	T-head bolt
Material, corrosion	Steel, stainless

Approvals

ETA
Fire resistance
Fatigue

ETA-11/0006 for HAC (ETAG -, Option -)

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



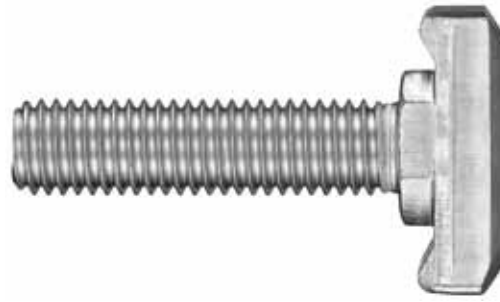
These are abbreviated instructions which may vary by application. Always review/follow the instructions accompanying the product or refer to www.hilti.com/techlib.

Ordering designation	Sales pack quantity	Item number
HBC-C M10x40 50R	25 pc	433460 ¹⁾
HBC-C M10x50 50R	25 pc	433461 ¹⁾
HBC-C M12x30 50R	25 pc	433462 ¹⁾
HBC-C M12x40 50R	25 pc	433463 ¹⁾
HBC-C M12x50 50R	25 pc	433465 ¹⁾
HBC-C M12x80 50R	25 pc	433466 ¹⁾
HBC-C M12x100 50R	25 pc	433467 ¹⁾
HBC-C M12x125 50R	25 pc	433468 ¹⁾
HBC-C M16x80 50R	25 pc	433474 ¹⁾
HBC-C M16x100 50R	25 pc	433475 ¹⁾
HBC-C M16x125 50R	25 pc	433476 ¹⁾
HBC-C M16x150 50R	25 pc	433477 ¹⁾
HBC-C M10x30 50R	50 pc	433459 ¹⁾
HBC-C M16x30 50R	50 pc	433469 ¹⁾
HBC-C M16x40 50R	50 pc	433470 ¹⁾
HBC-C M16x50 50R	50 pc	433471 ¹⁾
HBC-C M16x60 50R	50 pc	433472 ¹⁾
HBC-C M16x65 50R	50 pc	433473 ¹⁾

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Please visit our website for the latest item numbers and related products.

Galvanized T-head bolt HBC-C 4.6



Advantages

- Only one universal bolt type needed for all channel sizes from HAC-40 to HAC-70
- European Technical Approval in accordance with the latest technical specifications

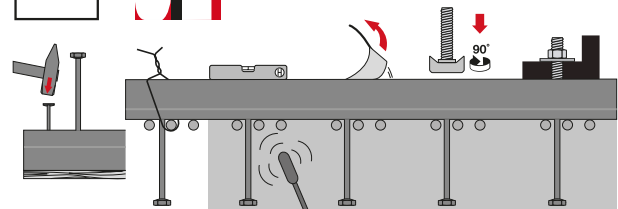
Technical data

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

Approvals

ETA Fire resistance Fatigue	ETA-11/0006 for HAC (ETAG -, Option -)
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Approvals and test reports may apply to selected products only. Please refer to the documents for details.



These are abbreviated instructions which may vary by application. Always review/follow the instructions accompanying the product or refer to www.hilti.com/techlib.

Ordering designation	Sales pack quantity	Item number
HBC-C M10x60 4.6G	100 pc	433528¹⁾

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Please visit our website for the latest item numbers and related products.

T-head bolt (hot-dip galvanized) incl. hex nut HBC-C 4.6



Advantages

- Only one universal bolt type needed for all channel sizes from HAC-40 to HAC-70
- European Technical Approval in accordance with the latest technical specifications

Technical data

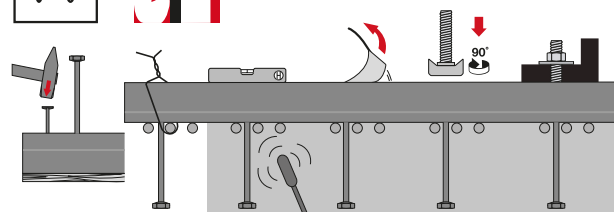
Anchor type	T-head bolt
Material, corrosion	Steel, sherardized / hot-dip galvanized

Approvals

ETA
Fire resistance
Fatigue

ETA-11/0006 for HAC (ETAG -, Option -)

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



These are abbreviated instructions which may vary by application. Always review/follow the instructions accompanying the product or refer to www.hilti.com/techlib.

Ordering designation

HBC-C M12x50 4.6F

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Sales pack quantity

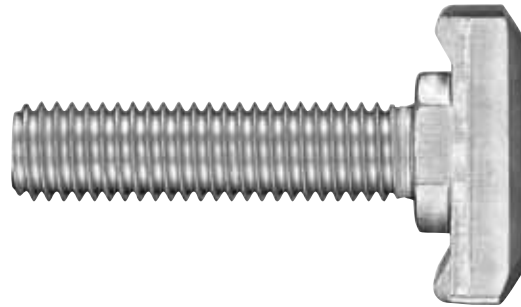
100 pc

Item number

434387¹⁾

Please visit our website for the latest item numbers and related products.

T-head bolt (galvanized) HBC-C-E



Applications

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

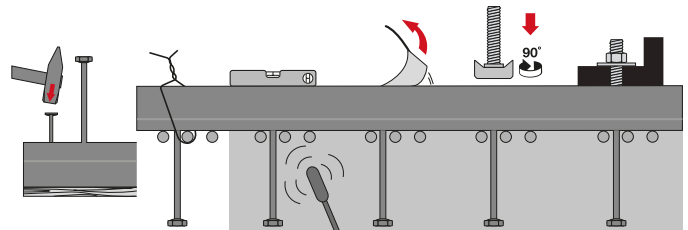
Technical data

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

Approvals

ETA Fire resistance Fatigue	ETA-11/0006 for HAC (ETAG -, Option -)
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Approvals and test reports may apply to selected products only. Please refer to the documents for details.



These are abbreviated instructions which may vary by application. Always review/follow the instructions accompanying the product or refer to www.hilti.com/techlib.

Ordering designation	Sales pack quantity	Item number
HBC-C-E M12x60 8.8G	100 pc	433540¹⁾

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Please visit our website for the latest item numbers and related products.

T-head bolt hot-dip galvanized (HDG) incl. hex nut HBC-C-N 8.8



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

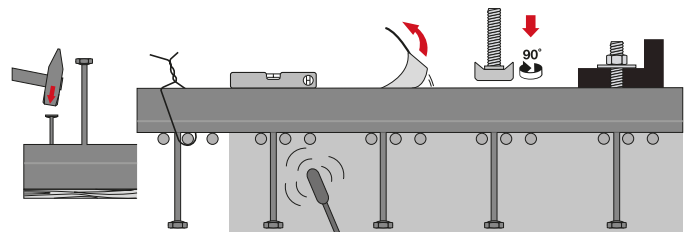
Anchor type	T-head bolt
Material, corrosion	Steel, sherardized / hot-dip galvanized

Approvals

ETA
Fire resistance
Fatigue

ETA-11/0006 for HAC (ETAG -, Option -)

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



These are abbreviated instructions which may vary by application. Always review/follow the instructions accompanying the product or refer to www.hilti.com/techlib.

Ordering designation	Sales pack quantity	Item number
HBC-C-N M16x50 8.8F	100 pc	433478¹⁾

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Please visit our website for the latest item numbers and related products.



Firestop Systems and Construction Chemicals

Hilti. Outperform. Outlast.





Introduction

Firestop Solutions and Attributes	Page 299 - 300
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Firestop Sealants and Sprays

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Firestop Putties

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Firestop Foams

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Firestop Foam CP 620	Page 308
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Firestop Mortars, Coating Systems and Cushions

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Firestop Cushion CP 651N	Page 312
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Firestop Wraps and Collars

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Cable protection

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Construction Chemical

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Insulation Foam CF-I 750	Page 320
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Hilti Firestop Solutions

For each of the firestopping problems illustrated on the facing page, Hilti has designed and tested a specific solution. Not only is there a solution for each type of opening, but Hilti also offers a choice of firestop systems for several applications, according to the size of the opening and whether the installation is permanent or temporary.

Hilti Product	Description	Application	F Rating
Metallic & Non-metallic Pipes			
CP 648-E	Firestop Endless Wrap	Plastic pipes with diameter up to 160 mm	Up to 4 hours
CP 620/660	Firestop Foams	Plastic conduit with diameter up to 50 mm	Up to 3 hours
CP 644	Firestop Collar	Plastic pipes with diameter up to 250 mm	Up to 4 hours
CP 643N	Firestop Collar	Plastic pipes with diameter up to 160 mm	Up to 4 hours
CP 601S/606	Firestop Sealants	Metal pipes	Up to 4 hours
CP 601S/606	Firestop Sealants	Metal pipes with vibrations	Up to 4 hours
CP 648-E	Firestop Endless Wrap	Plastic pipes with diameter up to 160 mm	Up to 4 hours
Cables & Cable Trays			
CP 660	Firestop Foam	Bunched Cables	Up to 3 hours
CP 670	Firestop Acoustic Board	Temporary and Permanent sealing of cables and cable trays	Up to 4 hours
CP 620	Firestop Foam	Permanent sealing of cables and cable trays	Up to 2 hours
CP 636/637/638	Firestop Mortar	Permanent sealing of cables and cable trays	Up to 4 hours
CP 660	Firestop Foam	Single or bunched cables	Up to 2 hours
CP 617	Firestop Putty Pad	Electrical boxes	Up to 2 hours
Multiple Penetrations			
CP 620/660	Firestop Foams	Permanent sealing of metal and plastic pipes, up to 50 mm, cables and cable trays	Up to 3 hours
CP 636/637/638	Firestop Mortar	Permanent sealing of metal pipes, cables and cable trays	Up to 4 hours
CP 670	Firestop Acoustic Board	Temporary and Permanent sealing of cables, cable trays and metal pipes	Up to 4 hours
Heating / Ventilation / Air-conditioning			
CP 601S	Elastomeric Firestop Sealant	Sealing around metal ducts	Up to 4 hours
CP 606	Flexible Firestop Sealant	Sealing around metal ducts	Up to 4 hours
Joints/Curtain Walls			
CP 606	Flexible Firestop Sealant	Sealing floor joints, head of wall and wall to wall joints	Up to 4 hours
CP 601S	Elastomeric Firestop Sealant	Sealing floor, top-of-wall and wall to wall joints	Up to 4 hours
CFS-SP WB	Joint Spray	Sealing top-of-wall, wall to wall and floor to walls (Perimeter/Curtain walls)	Up to 3 hours

Additional attributes – “More than just firestoppers”

Ageing resistance

Fire resistance test reports, approvals and certificates normally do not contain any information on the service life of a firestop product or assembly. By carrying out its own additional ageing tests which simulate extreme temperature and humidity conditions, Hilti provides a very high level of information on product reliability and the service life expectancy of Hilti firestop systems. On the basis of the ageing cycles obtained in these test procedures and the experience gained in the field of concrete construction, it can be assumed that Hilti firestop systems have a service life (ageing resistance) of approximately 30 years from manufacturing date. Please note that this expected long-term ageing resistance of Hilti firestop systems, which is given on the basis of the above-mentioned tests, depends on a number of factors on which Hilti basically has no influence (e.g. environmental factors such as extreme environmental conditions, e.g. chemicals, etc.) and, therefore, is subject to the following conditions which must be strictly observed by the user with regard to the respective Hilti firestop system:

- Strict adherence to Hilti's operating, setting, installing and other technical instructions
- Rigorous compliance with all other conditions set out in the respective specifications during the lifetime of the Hilti firestop systems, in particular with regard to regular control and maintenance as well as to foreseeable use under normal climatic conditions in the respective field of application.

Water resistance

Water resistance is understood by Hilti to mean a construction material's ability to withstand the effects of water and moisture not only in the completed, occupied building, but also during the construction phase. During the construction of the shell of a building, before it is fully sealed and weatherproof, entire floors may be flooded by rainwater. Inadequately hardened sealants may be washed out. These products therefore require a certain degree of rain resistance. In rooms where humidity is high there is a risk of mould or mildew forming even after a firestop product has cured. In the event of the formation of mould, this must have no negative effect on the intended function of the firestop product. But a certain degree of water resistance must also be provided for openings in a fireproof wall to avoid water damage from water pipe breaks or, in case of fire, water used in extinguishing a fire. Water resistance is therefore an important ancillary element of firestop systems. Hilti firestop systems are not merely tested and approved in accordance with international firestop requirements, but have also been tested for their water-resistant properties according to the valid national and international standards.

Smoke- & gas-tightness

The smoke-and gas-tightness of firestop products is of decisive importance in the event of fire as it may save lives. Moreover, gas-tightness also plays an important role in the thermal insulation of buildings. The requirements to be complied with in terms of smoke-and gas-tightness are laid down in various laws and regulations.

Hilti firestop products are not only tested and approved internationally in accordance with the stipulations of passive fire prevention regulations, they are also comprehensively tested to ensure compliance with the standards currently applicable to smoke- and gas-tightness.

The subject of smoke- and gas-tightness is of decisive importance in the following applications:

■ Smoke- and gas-tightness in the event of fire

The most important point is imperviousness to smoke and fumes. It is the smoke and fumes from fires that cause most deaths and the greatest damage. Accordingly, these must be effectively prevented from spreading in the event of fire. Gas extinguishing systems also have an influence on firestop products. Firstly, these systems cause a significant rise in pressure in the room concerned. Secondly, the extinguishing gas may be harmful to the persons present in the building.

■ Gas- and air-tightness of buildings

Within the scope of regulations to promote energy conservation, laws in various countries specify that joints and penetrations in buildings must be air-and gas-tight.

■ Protection from odours and hazardous gases - gas diffusion

In many branches of industry, the spread of odours or critical gases must be prevented through use of impermeable materials. One further aspect of gas-tightness is protection from odours and hazardous gases, for example:

- Swimming pools – chlorine
- Petrochemicals – petrol / gasoline and oil vapours
- Filling stations – fuel vapours
- Sewage treatment plants – sewage gas

In situations where firestop products are constantly exposed to hazardous gases, two points must be taken into account: chemical resistance and gas-tightness.

Sound insulation

Sound insulation in buildings is of great significance to the health and well-being of the occupants. Sound insulation is of particular importance in residential construction because an apartment provides not only a place of rest and relaxation, it also serves to screen off the personal domestic environment from that of neighbours.

Specific regulations apply to certain types of buildings such as schools, hospitals, hotels and office accommodation. The sound insulation requirements to be complied with are laid down in directives, standards and regulations throughout the world.

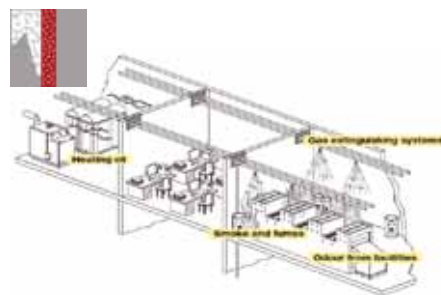
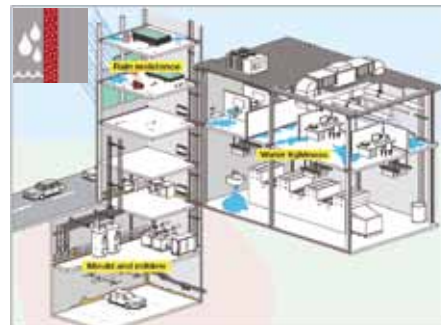
Hilti firestop products are not only tested and approved internationally in accordance with the stipulations of passive fire prevention regulations, they are also comprehensively tested to ensure compliance with sound insulation requirements.

■ Airborne sound

“Airborne sound” is the term applied to fluctuations in pressure which spread out in a wave pattern and thereby induce oscillation in the objects or parts of a structure they collide with. Airborne sound in buildings is transformed into structure-borne sound as it strikes walls, floors or ceilings and is passed on through the structure in this form before subsequently radiating into neighbouring rooms as airborne sound. At the same time, the sound becomes weaker as it passes through a wall or ceiling.

■ Structure-borne sound

Sound that carries or spreads through a solid object is known as structure-borne sound. Structure-borne sound is usually not perceived as sound or noise but is noticed, if at all, in the form of vibration. It becomes audible, nevertheless, when radiated from the surfaces of the structure and thus transformed into airborne sound. As the energy loss in the transmission of structure-borne sound through solid objects is minimal, the sound can travel over great distances. Accordingly, measures must be taken to isolate living accommodation and other occupied rooms from structure-borne sound.



Flexible firestop sealant CP 606

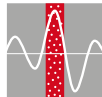
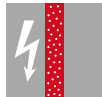


Applications

- 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
- Not for use on areas immersed in water or outdoors

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, ETA
Movement¹⁾	±12.5% (ISO 11600)
Acoustics performance	Test report available
LEED VOC	75 g/l
Can be painted	Yes
Approx. curing time²⁾	3 mm/3 days
Intumescent	No
Application temperature range	5 - 40 °C

¹⁾ according to HTC 1250

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



Ordering designation	Volume per unit	Content per can/cartridge	Sales pack quantity	Item number
CP 606 310ml white	310 ml	310 ml	1 pc	209625
CP 606 310ml INT grey	310 ml	310 ml	1 pc	209630
CP 606 580ml white	580 ml	580 ml	1 pc	209632 ¹⁾
CP 606 580ml INT grey	580 ml	580 ml	1 pc	209633 ¹⁾

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Please visit our website for the latest item numbers and related products.

Elastomeric silicone sealant CP 601S

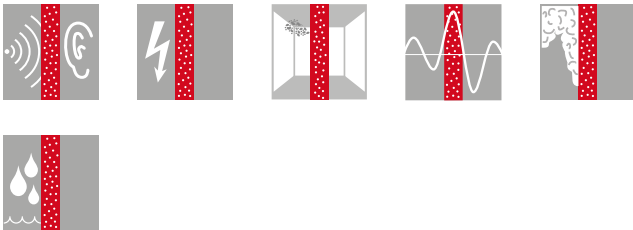


Applications

- Expansion or stretched connection joints in fire compartment walls and floors
- Uninsulated metal pipes in penetrations through fire compartment walls and floors
- Acoustic insulation of pipes
- For use on concrete and masonry (indoors/outdoors)

Advantages

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



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, ETA
Movement¹⁾	± 25% (ISO 11600)
Acoustics performance	Test report available
LEED VOC	3 g/l
Can be painted	No
Approx. curing time²⁾	2 mm/3 days
Intumescent	No
Application temperature range	5 - 40 °C

¹⁾ according to HTC 1250

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



Ordering designation	Volume per unit	Content per can/cartridge	Sales pack quantity	Item number
CP 601S 310ML white	310 ml	310 ml	1 pc	310633
CP 601S 310ML grey	310 ml	310 ml	1 pc	310635
CP 601S 600ML white	600 ml	600 ml	1 pc	310637 ¹⁾
CP 601S 600ML grey	600 ml	600 ml	1 pc	312111 ¹⁾

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Please visit our website for the latest item numbers and related products.

Firestop intumescent sealant CP 611A



Applications

- Single cables and cable bundles
- Plastic pipes up to 50 mm (2") diameter without additional collar
- Sealing penetrations previously sealed with firestop mortar, after installing additional cables
- Small openings

Advantages

- Paintable
- Fast, easy application and cleaning up
- Particularly suitable for laying new cables
- Silicone-free
- Easy to clean with water



Technical data

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

¹⁾ according to HTC 1250

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



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

Please visit our website for the latest item numbers and related products.

Firestop joint spray CFS-SP WB

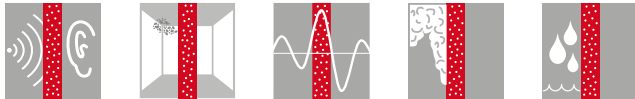


Applications

- Sealing openings between the top of walls and concrete or metal floors / 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



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, ETA
Movement¹⁾	Up to 50 %
LEED VOC	73 g/l
Can be painted	Yes
Approx. curing time²⁾	3 mm/day
Intumescent	No
Application temperature range	4 - 40 °C
Smoke resistance	Yes

¹⁾ according to HTC 1250

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



Firestop Systems and Construction Chemicals

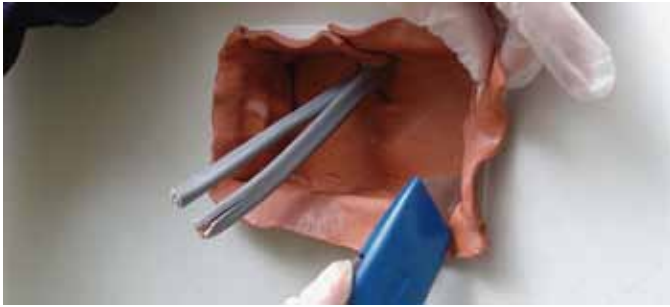
Ordering designation	Volume per unit	Sales pack quantity	Item number
CFS-SP WB red	19000 ml	1 pc	430815

Please visit our website for the latest item numbers and related products.

Accessories for Firestop Sealants, Sprays

Ordering designation		CP 606	CP 601S	CP 611A	Sales pack quantity	Item number
Dispenser CFS-DISP 310 ml cartridge dispenser		■	■	■	1 pc	2005843
		■	■		1 pc	24669

Firestop putty pad (BS) CP 617



Applications

- Approved for use on all types of lightweight partition wall (including timber stud)
- Acoustic sealing and firestopping of electrical boxes and switches in drywalls to be fitted to the inside or the outside of the box
- Can be used for commercial and residential applications
- Outstanding solution where two electrical boxes are within a single stud on opposite sides of wall (back-to-back)
- Substitutes the need for baffle boxes
- All sizes of plastic or metal back-boxes

Advantages

- Pad can be moulded by hand to fit any size of outlet box
- No electrical conductivity
- Smoke and gas tight



Technical data

Intumescent	Yes
Colour	Red
Base materials	Gypsum
Application temperature - max.	40 °C
Application temperature - min.	0 °C
Application temperature range	0 - 40 °C
Electrical resistance data	Non-conductive
Fire rating	See Approvals
Length	0 m
Mold and mildew performance	Class 0 (EN ISO 846)



Ordering designation	Package contents	Sales pack quantity	Item number
CP 617 170x170	1x Firestop putty pad CP 617 170x170	20 pc	39214
CP 617 170x230	1x Firestop putty pad CP 617 170x230	20 pc	39215 ¹⁾

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Please visit our website for the latest item numbers and related products.

Firestop foam CP 660



Applications

- Electrical: cables, cable bundles, cable trays and cable trunking
- Mixed penetrations Repenetration with single cables

Advantages

- 3-phase technology with optimum application characteristics (easily shapeable foam)
- Easily applied with a Hilti cordless electric dispenser
- Neat and tidy application
- Very quick and easy to install, with only one product, and provides a reliable firestop seal
- Maintenance and retrofitting of cables is very easy
- Reliable sound insulation properties, due to a flexible foam structure



Technical data

Foam yield (up to)	2.1 l
Intumescent	Yes
Acoustics performance	Test report available
Tested in accordance with	UL 1479, ETA
Approx. tack-free time (at 23°C / 50% rel. humidity)	5 min
Approx. cut time (at 23°C / 50% rel. humidity)	10 min
Approx. curing time¹⁾	10 min
Fire rating	See Approvals
Storage and transportation temperature range	5 - 25 °C
Temperature resistance range	-30 - 60 °C

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



Ordering designation	Package contents	Sales pack quantity	Item number
CP 660 INT	1x Firestop foam CP 660 Internat.	1 pc	203517

Please visit our website for the latest item numbers and related products.

Firestop foam CP 620



Applications

- Concrete, drywall and masonry
- Multiple and mixed penetrations
- Single cables, cable bundles and cable trays
- Metal pipes
- Suitable for irregular and difficult-to-reach openings

Advantages

- Innovative firestopping solution for complex and difficult-to-reach applications
- Virtually impervious to smoke
- Excellent water and vapour resistance
- Single-sided installation possible
- Easy to use in openings where access is poor



Technical data




Foam yield (up to)	1.9 l
Intumescent	Yes
Acoustics performance	Test report available
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



Ordering designation	Package contents	Sales pack quantity	Item number
CP 620	1x Firestop foam CP 620 EN/DE/FR/IT/NL/TH	1 pc	2025083

Please visit our website for the latest item numbers and related products.

Accessories for Firestop foams

		CP 620		
Ordering designation			Sales pack quantity	Item number
Dispenser DSC box Cartridge foam dispenser		■	1 pc	338720
Extension tube CP 620-EXT		■	12 pc	338716
Mixer CP 620-M		■	12 pc	338718

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



Technical data

Base materials	Concrete, Masonry
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
Approvals	ETA
Working time (approx.)	45 min
Temperature resistance range	-10 - 80 °C

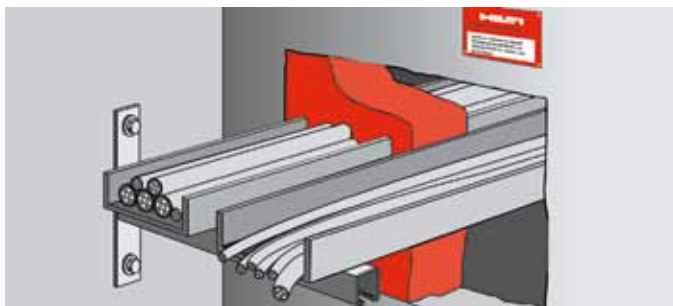


Firestop Systems and Construction Chemicals

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

Please visit our website for the latest item numbers and related products.

Firestop mortar CP 637



Applications

- Permanent fire seal for cables and cable trays
- Permanent fire seal for non-combustible pipes and combustible pipes (in combination with collars or wraps)
- Medium to large multiple penetrations in concrete and masonry in combination with other products

Advantages

- Quick-setting - forms can be removed in as little as 2 hours
- Superior working properties - saves time
- Can be pumped, poured or trowelled - easy to form and apply
- Can be used in horizontal or vertical applications
- Low shrinkage



Technical data

Base materials	Concrete, Aerated concrete, Masonry
Intumescent	No
Application temperature range	5 - 45 °C
Reusable (and removable)	Not possible
Setting time (approx.)	45 min
Fire rating	See Approvals
Working time (approx.)	30 min
Temperature resistance range	-20 - 100 °C
Storage and transportation temperature range	5 - 35 °C
Approvals	BS 476-20



Ordering designation	Sales pack quantity	Item number
CP 637 FS GB	1 pc	340785

Please visit our website for the latest item numbers and related products.

Firestop cushion CP 651N

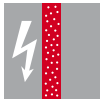


Applications

- Permanent firestopping of cable penetrations in walls and floors
- Temporary sealing of openings in floors and walls through construction phase

Advantages

- Quick and easy installation
- No special tools required
- Very economical in use thanks to optimized cushion dimensions
- Re-usable and thus economical
- No packaging waste and thus ecological
- Fully functional immediately after installation



Technical data

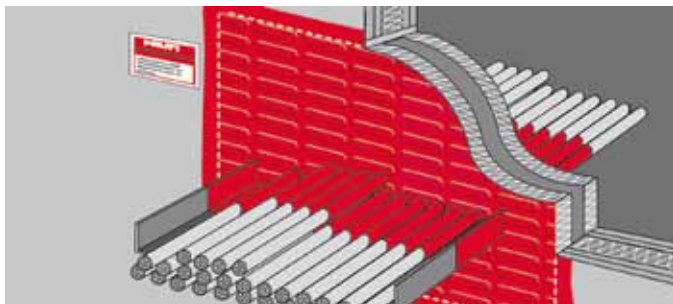
Base materials	Drywall, Concrete, Masonry
Intumescent	Yes
Re-penetration	Easy
Application temperature range	-30 - 35 °C
Reusable (and removable)	Easy
Approvals	ETA
Temperature resistance range	-40 - 120 °C
Storage and transportation temperature range	-30 - 40 °C
Temporary closing	Yes
Acoustic insulation	Yes



Ordering designation	Dimensions (LxWxH)	Sales pack quantity	Item number
CP 651N-S	300 x 40 x 30 mm	30 pc	382624
CP 651N-M	300 x 80 x 30 mm	15 pc	382625
CP 651N-L	300 x 170 x 30 mm	6 pc	382626

Please visit our website for the latest item numbers and related products.

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

- Highly flexible coating dries quickly to form an elastic protective layer
- Dry film thickness 0.7 mm - up to 30% material savings
- Single-layer coating - up to 50% labor savings



Technical data

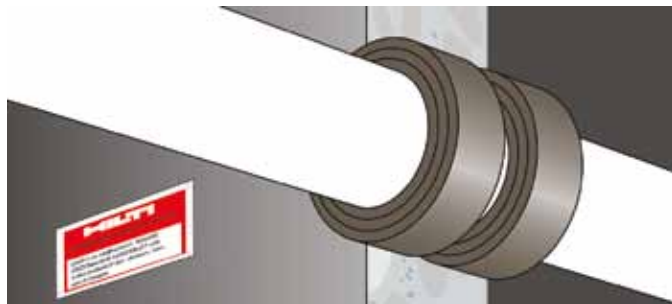
Base materials	Drywall, Concrete, Masonry
Intumescent	No
Re-penetration	Possible
Application temperature range	5 - 40 °C
Complementary products	CP 606
Fire rating	See Approvals
Temperature resistance range	-40 - 100 °C
Storage and transportation temperature range	5 - 30 °C
Acoustic insulation	Yes
Approvals	BS 476-20, ETA



Ordering designation	Weight	Sales pack quantity	Item number
CP 670 6kg	6 kg	1 pc	376023
CP 670 17,5kg	17.5 kg	1 pc	286955

Please visit our website for the latest item numbers and related products.

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



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
Approvals	ETA
Can be painted	No



Ordering designation

CP 648-E-W45/1.8"

Sales pack quantity

1 pc

Item number

304310

Please visit our website for the latest item numbers and related products.

Firestop collar CP 643 N

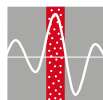


Applications

- Plastic pipes with diameters from 32 - 170 mm
- Suitable for PVC, HDPE, PP and ABS pipes

Advantages

- Latch mechanism for quick and easy closure
- Allows correct installation in situations where space is tight
- Flexible tab positioning for convenient fastening
- Ready-to-use product



Technical data

Base materials	Concrete, Drywall, Masonry
Expansion temperature (approx.)	250 °C
Intumescent	Yes
Storage and transportation temperature range	-5 - 50 °C
Application temperature range	-5 - 50 °C
Temperature resistance range	-20 - 100 °C
Tested in accordance with	UL 1479, CAN/ULC-S115, ASTM E814, ASTM G21, ETA
LEED VOC	7.6 g/l
Complementary products	CP 643/644 Fastening hook
Acoustic insulation	No



Ordering designation	Pipe diameter - range	Outside diameter	Height	Sales pack quantity	Item number
CP 643-50/1.5" N	32 - 51 mm	67 mm	22 mm	1 pc	304325
CP 643-63/2" N	52 - 64 mm	82 mm	32 mm	1 pc	304326
CP 643-90/3" N	79 - 91 mm	116 mm	42 mm	1 pc	304328
CP 643-110/4" N	92 - 115 mm	146 mm	47 mm	1 pc	304329

Please visit our website for the latest item numbers and related products.

Firestop collar CP 644

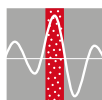


Applications

- Sealing flammable pipes from 32mm to 250mm in diameter in penetrations through fire compartment walls and floors

Advantages

- Ready-to-use firestop collar with a galvanized steel housing
- Latch mechanism for quick and easy closure
- Flexible hook positioning for convenient fastening



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
Tested in accordance with	UL 1479, ETA
LEED VOC	7.6 g/l
Complementary products	CP 643/644 Fastening hook
Acoustic insulation	No



Ordering designation	Pipe diameter - range	Outside diameter	Height	Sales pack quantity	Item number
CP 644-180/7"		228 mm	153 mm	1 pc	304339
CP 644-200/8"		257 mm	178 mm	1 pc	304340
CP 644-225/9"		289 mm	203 mm	1 pc	304342
CP 644-250/10"		319 mm	233 mm	1 pc	304343
CP 644-50/1.5"	32 - 51 mm	67 mm	22 mm	1 pc	304332
CP 644-63/2"	52 - 64 mm	82 mm	32 mm	1 pc	304333
CP 644-90/3"	79 - 91 mm	117 mm	42 mm	1 pc	304335
CP 644-110/4"	92 - 115 mm	146 mm	47 mm	1 pc	304336
CP 644-125/5"	116 - 125 mm	166 mm	48 mm	1 pc	304337
CP 644-160/6"	126 - 170 mm	236 mm	48 mm	1 pc	304338

Please visit our website for the latest item numbers and related products.

Firestop speed sleeve CP 653

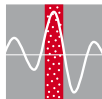


Applications

- Sealing penetrations with single cables and cable bundles
- Suitable for small to medium-sized circular openings in walls, ceilings and floors
- For use on concrete, masonry and drywall

Advantages

- Easy and fast to install and to inspect
- Fully functional immediately after installation
- Robust
- Optimum smoke-restriction performance
- Easy maintenance and retro-fitting of cables
- Fire resistance rating of up to 2 hours



Technical data

Base materials	Concrete, Masonry, Drywall
Expansion temperature (approx.)	160 °C
Intumescent	Yes
Storage and transportation temperature range	-5 - 50 °C
Application temperature range	-5 - 50 °C
Temperature resistance range	-30 - 100 °C
Approvals	FM,UL
Tested in accordance with	ASTM E814, UL 1479, CAN/ULC-S115, UL 2043, ASTM G21, ETA
Reusable (and removable)	Possible
Acoustics performance	Test report available



Ordering designation	Sales pack quantity	Item number
CP 653 2"	1 pc	236323
CP 653 4"	1 pc	236324 ¹⁾

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Please visit our website for the latest item numbers and related products.

Firestop cable coating CP 678



Applications

- Protection of cables and bunched cables on cable trays in indoor installations
- Meets IEC 60332-3-22 Category A standard for reduced spread of flame
- Factory Mutual Approved (fire retardant coating of electrical cables)
- Also suitable for providing protection against the spread of flames on timber panels
- For use in power plants, telecommunications complexes, industrial plants, petrochemical plants, paper mills, factories and production facilities
- Easy to apply using a paint brush or airless spray gun

Advantages

- Intumescent
- Water soluble, odourless and solvent free
- Free of fibres and asbestos
- No derating effects on cables
- Rapid drying, remains flexible when dry
- Compatible with the sheathing of electrical cables



Technical data

Application temperature range	5 - 40 °C
Approvals	FM, GL
Approx. curing time¹⁾	24 h
Colour	White
Storage and transportation temperature range	5 - 30 °C
Temperature resistance range	-30 - 80 °C
Viscosity (approx.)	0.05 Pas
Water based	Yes
Weight	20 kg
Approx. wet density	1300 kg/m ³

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



Ordering designation

CP 678 20KG

Sales pack quantity

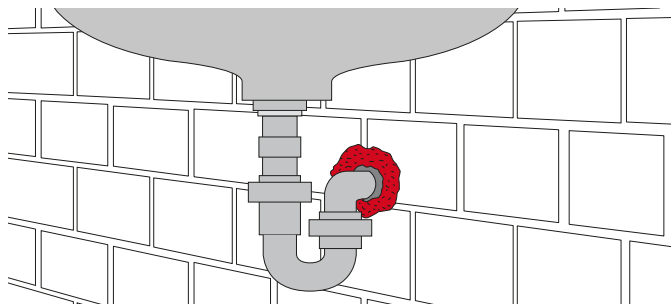
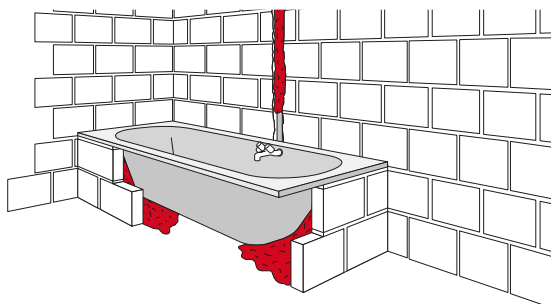
1 pc

Item number

334892

Please visit our website for the latest item numbers and related products.

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



Ordering designation

CF-F 750

Sales pack quantity

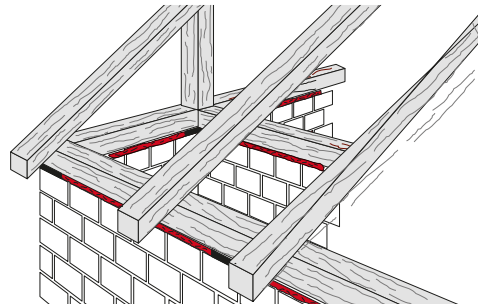
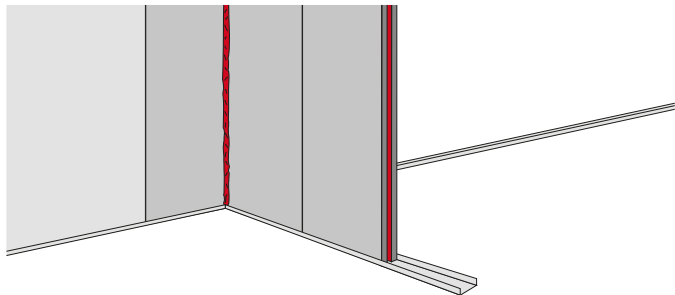
1 pc

Item number

369811

Please visit our website for the latest item numbers and related products.

Insulating foam CF-I 750



Applications

- Insulating window joints, attics, drywall

Advantages

- Suitable for universal use
- HFC-free
- Stop-and-go controlled dispensing
- Minimal subsequent expansion

Technical data

Approx. density	20 kg/m ³
Foam yield (up to)	50 l
Approx. cut time (at 23°C / 50% rel. humidity)	25 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	0.05 N/mm ²



Ordering designation

CF-I 750

Sales pack quantity




1 pc

Item number

369800

Please visit our website for the latest item numbers and related products.

Accessories for Foams

		CF-F	CF-I 750	Sales pack quantity	Item number
Ordering designation					
Cleaner CFR1 500ML		■	■	1 pc	55019
Dispenser gun CF DS-1			■	1 pc	259768
Finger adapter CF-FA1		■		12 pc	259766



Services

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SUPPORT SERVICES.

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WE MANAGE YOUR TOOLS.

So you can manage your business.

We look after your entire fleet of tools so you can concentrate on your own daily business.

- Increased jobsite productivity
- Tool fleet transparency
- Back-office efficiency gains
- Cost management

Absolute cost control



Easy budgeting

- A low monthly usage fee replaces a large upfront cash investment
- Predictable costs

No additional costs



All inclusive

- No additional repair or service costs, including batteries and chargers
- Fast, high-quality tool repair process without quotes

Full tool transparency



Tool inventory and labelling

- Add new tools and arrange repairs for your fleet online
- All fleet tools are labelled with your company name

Less downtime



Loan tools

- In the event of a breakdown, a complimentary loan tool is provided
- Keeps your teams working

Reduced financial risk



Theft coverage

- Limits your financial exposure in the event of a theft

Continuous performance



Tool exchange

- High-performing tools increase your productivity
- Latest technology for your employees' safety and compliance with H&S requirements



OUTSTANDING SERVICES FOR A PRODUCT LIFETIME.

The unique service package for those who prefer to own their tools.

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

No repair costs whatsoever for up to 1 year from the date of purchase! This includes:

- Pick-up - just give us a call!
- Labour costs
- 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 1 Year
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 1 Year
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	up to 1 Year
LIFETIME SERVICE	NO COSTS
Lifetime	Lifetime
REPAIR COST LIMIT	MANUFACTURER'S WARRANTY



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and right on your jobsite.**

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Your local Hilti representative is at your service on your job-sites, bringing experience that helps you stay a step ahead by providing application know-how and solutions for complex situations, helping you select the optimum product for the job, as well as giving on-site demonstrations of innovative products.

Customer Service takes your orders

We're ready to answer your questions, take your orders, and meet your requests – all day long from 8:30 am to 5:30 pm. But don't worry if you can't find the time to talk to us- Email us at sg-customerservice@hilti.com.

Faulty or broken-down Hilti tool? Just call us and we'll have it picked up free of charge and without delay, so you can benefit in full from our rapid repair turnaround time (usually within 3 working days).

Phone: 6777-7887 Fax: 6586-0721 Email: sg-customerservice@hilti.com

Hilti Center – your shop around the corner

Where Hilti products are available off the shelf – backed by the know-how and experience of our competent staff. Ask for a product demonstration and be sure to leave with the right solution for your needs.

Bring us your Hilti tool if it needs servicing – we'll check it in the shop and suggest the best course of action.

- **Hilti Center Ubi**
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#01-43, Frontier
Singapore 408867
Phone: 6547-5477 Fax: 6742-6831
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Saturday: 9am - 12pm
Lunch hours: 1pm - 2pm
- **Hilti Center Jalan Besar**
113, Jalan Besar
Singapore 208833
Phone: 6377-0377 Fax: 6377-2677
Operating hours*: Monday to Friday: 9am - 6pm
Saturday: 9am - 12pm
Lunch hours: 1pm - 2pm
- **Hilti Center Toh Guan**
48, Toh Guan Road East
#01-102, Enterprise Hub
Singapore 608586
Phone: 6686-3911 Fax: 6686-3955
Operating hours*: Monday to Friday: 8am - 5pm
Saturday: 8am - 11am
Lunch hours: 12pm - 1pm

*Closed on Sundays and Public Holidays



Hilti Online

AT YOUR FINGERTIPS.

Order, manage your inventory,
check shipping status
and more.

Online purchasing

Shop online, anytime, and get what you need the fast way. Registration is easy and Online ordering is convenient and fast.

Your business made easy

By giving you access to your full order history and favorites lists for your most important Hilti products, Hilti Online ensures total transparency. It also lets you manage your fleet of Hilti tools the easy way – with Hilti Fleet Management.

Technical and product information

Hilti Online provides access to all relevant technical information such as safety data sheets, approvals, and specifications for Hilti products. The most up-to-date information on new and innovative Hilti products is always at your fingertips. Hilti software for planners, specifiers and engineers as well as the latest specifications can be downloaded free of charge.

Visit us at www.hilti.com.sg



Hilti Logistics services

AT YOUR CONVENIENCE.

**Quick, reliable delivery
wherever you want.**

You need it – we supply it

As simple as it gets: you order and we supply. All standard orders are delivered the next day or at your convenience on the day of your choice.

Quick and special delivery

You need same-day delivery? You want us to deliver to a specific jobsite? We can meet your needs. Just call 6777-7887 for more details.

Customized packaging

How do you need the items packaged? You tell us and we'll do it. Flexible packaging systems let us meet your needs for special lots and special assembly requirements.

Dedicated warehouse for channel and installation systems

With a view to ensuring outstanding availability of all items, Hilti has set up a dedicated warehouse for channel and installation systems. Services provided include customized cutting and pre-assembly to your specifications, with next-day delivery to your site possible.



QUALITY AND SPEED.

A repair service that goes beyond just fixing tools.

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 option

Measuring services and calibration

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

■ Hilti Repair Center

196, Pandan Loop
#04-24, PanTech Business Hub
Singapore 128384

Phone: 6777-7887 Fax: 6278-6687

Operating hours: Monday to Friday: 8:30am - 5:30pm

(Closed on Saturdays, Sundays and Public Holidays)



Engineering and technical support

PROFESSIONAL ASSISTANCE.

Helps make every project a success.

On-site technical consulting and support

Our engineers 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.

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.sg

iBMB MPA
TU BRAUNSCHWEIG

Prüfzeugnis

chnitt 3.4 bis 3.8 und
CP 601S Elastische
rstandsklasse F 30,



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wendbar.

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KNOW-HOW.

For everyone in construction.

Training

To ensure you profit from Hilti's vast experience, we organize training on any current topic concerning Hilti products and services. These events are organized throughout the country. For details of dates and locations, go to www.hilti.com.sg or ask your local Hilti representative.

What we offer and how you benefit

- Training duration 1-2 hours
- Technical and practical know-how
- Increased safety and productivity in your work and projects
- Certification

Specific courses

- HIT rebar training
- Firestop seminars
- DX training
- Hilti rebar design training
- Hilti anchor channel design training
- Hilti anchor design training



WE BUILD A BETTER FUTURE.

Dedicated to reducing our environmental impact.

Environmental protection is an integral part of our culture and is manifest in our corporate purpose, “We passionately create enthusiastic customers and build a better future!” We take the environment and various aspects of health and safety into account during development, design, manufacturing, delivery, product use and disposal. We strive to ensure compliance with current and future environmental and safety legislation as well as global environmental standards by making constant improvements at Hilti’s plants and by working with our suppliers so that they, too, may adapt and support this culture. We strongly believe that only if we shoulder our responsibility to the environment can we enjoy sustainable growth.

Minimizing environmental impact

Hilti manages environmental issues with the same rigor and enthusiasm as other aspects of the company. We strive to minimize any possible damaging effects to the environment which may result as a consequence of our actions or the actions of our suppliers. Hilti and its suppliers thus continuously aim to reduce the negative environmental impact of manufacturing and supply operations.

Duty-bound to humanity and the environment

Hilti endorses the 10 principles of the United Nations Global Compact which calls on companies to recognize, support and put into practice within their sphere of influence a catalog of basic values pertaining to human rights, labor norms, environmental protection and combating corruption. The Hilti Code of Conduct for Suppliers spells out Hilti’s expectations of its partners and suppliers with regard to social, safety and environmental requirements, as well as legal requirements and the company’s commitment to fighting corruption.

Hilti embraces ecological responsibility and, among other environmental concerns, climate protection. In 2007, Hilti signed the Caring for Climate convention.

Hilti adheres to the indicators provided by the Global Reporting Initiative (GRI) and reports Hilti relevant indicators in its Annual Report.

Compliance with regulations is prerequisite for responsible action and behaviour

For Hilti products, stringent compliance with RoHS (restriction of the use of certain hazardous substances in electrical and electronic equipment), WEEE (Waste Electrical and Electronic Equipment) and REACH (Registration, Evaluation and Authorization of Chemicals) is prerequisite. We also strive to comply with any further legislative provision worldwide. In addition, Hilti was first accredited to ISO 9001 in 1985 and added ISO 14001 accreditation in 1997. These ISO standards provide the basis of our integrated management system which is independently certified by the Swiss Accreditation Service (SQS).



IMPORTANT INFORMATION.

Terms and Conditions / Returns and Cancellations.

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

Payment Terms: Net 30 days from the date of invoice unless otherwise stated. Customer agrees to pay all costs incurred by Hilti in collecting delinquent amounts, if any, including reasonable attorney's fees and Hilti is entitled to charge and to be paid interest at 2% above the then current base rate of The Development Bank of Singapore Ltd on any overdue amounts.

Order Lead-time: Order lead-time is as published in the Hilti Products and Services Catalogue. Hilti reserves the right to alter the order lead-time without prior notice.

Delivery Service:

Delivery Options Monday to Friday (Except public holidays)	Order Received Monday to Friday (Except public holidays)	Goods Arrival Monday to Friday (Except public holidays)
Standard	Before 11.30 am (11 am for online orders)	Same day by 6.00 pm
	Before 4.30 pm (4 pm for online orders)	Next working day by 12.30 pm except Friday where delivery will be on Monday by 12.30 pm
Premium	For urgent delivery service within 3 hours or with specific timing requests, please call our customer service hotline for details.	
*Orders received over the weekend will be delivered on the next working day by 6.00 pm.		

Credit: All orders sold on credit are subject to Credit Department's approval.

Return Policy: Hilti must be notified of all returns within 6 months from delivery. 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's inspection and acceptance. Items with limited shelf life must be subjected to testing before approval for return. Request for return after 6 months of delivery will not be accepted. Non-stocking, non-standard items and discontinued items are not eligible for return credit.

Repairs: Hilti provides your new tool with no repair costs whatsoever for up to 1 year depending on the tool type. After reaching the end of the no-cost period, a repair cost limit applies in the event of a repair. The typical repair service lead time is three to four days from receiving of tool. Should there be any changes to the service required, Hilti personnel will notify the Customer.

Hilti reserves the right to take possession and dispose off at its own discretion should any tools remain in Hilti's possession for more than 4 weeks after quotation or repair and customer fails to collect the tool.

Hilti. Outperform. Outlast.

Customer Service 6777-7887

Hilti Far East Pte Ltd | 20 harbour Drive, #06-06 PSA Vista, Singapore 117812 | T 6777 7887 | F 6777 3057
www.hilti.com.sg