



PRODUCTS AND SERVICES 2018



TOP-OF-THE-CLASS TOOL SERVICE



2 Year – No cost warranty



3 Month – Repair quality guarantee



3 Day – Repair turnaround
time promise



ON!TRACK CLOUD-BASED ASSET MANAGEMENT SOLUTION

All-in-one platform for managing
equipment, inventory and certificate

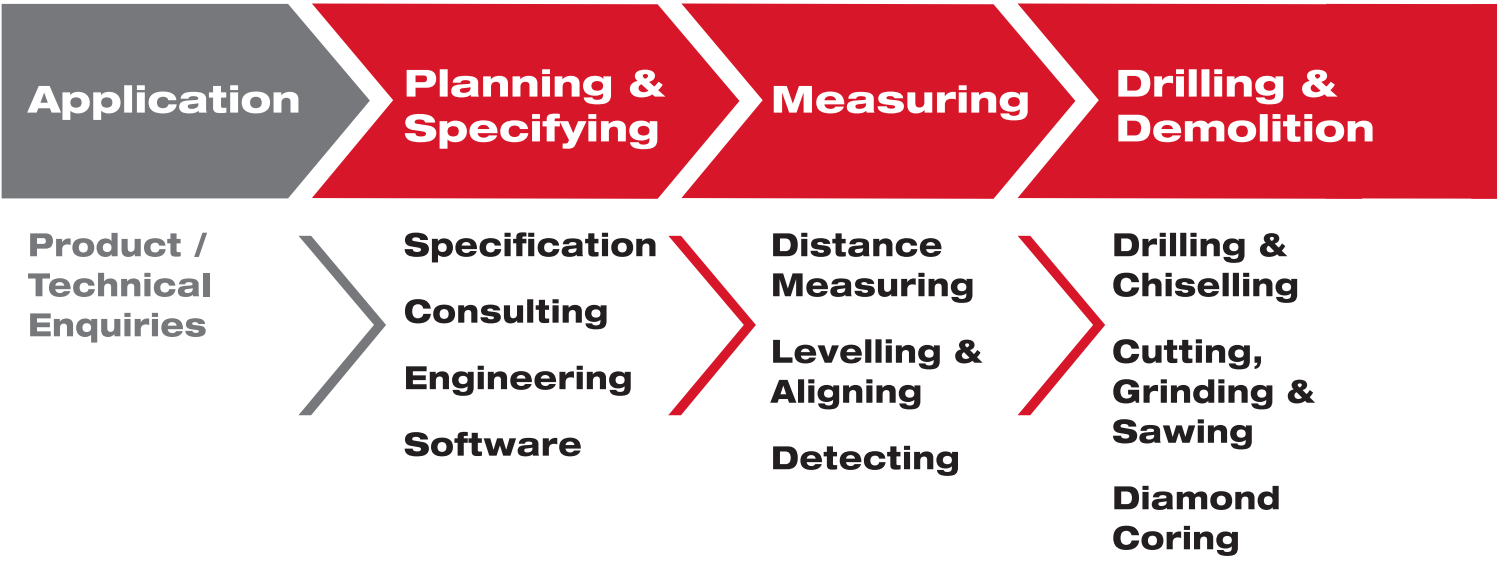


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HILTI TOTAL SOLUTIONS





Fastening & Installation

Direct Fastening
Screw Fastening
Anchoring
Installation

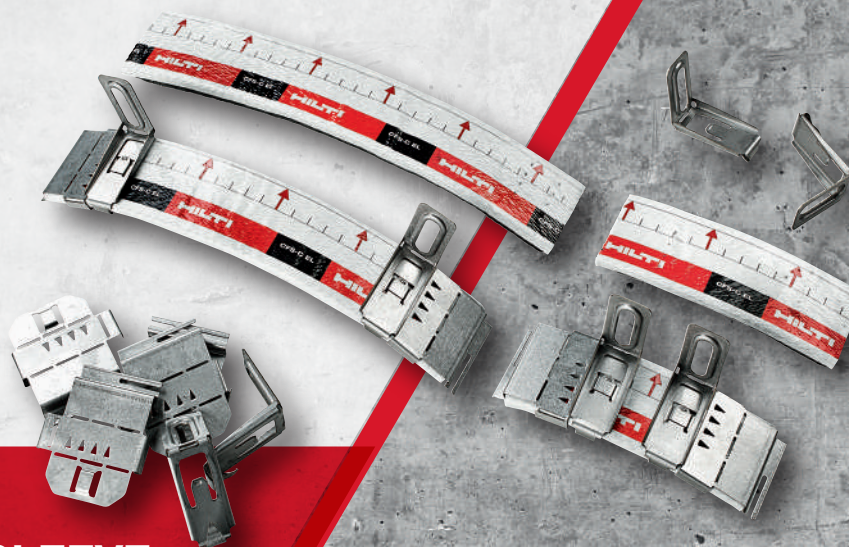
Insulation & Protection

Foam Systems
Fire Stopping

Professional Services

ON!Track
Fleet Management
Tool Service
Calibration Service
Multiple Sales Channels
Hilti Website
Delivery Service
Engineering Support
Hilti PROFIS
DX Tool Training
Anchor and Ferrosan Service
Health and Safety Training

WHAT'S NEW



**CFS-C EL
FIRESTOP SLEEVE**



**HSL-3-R
HEAVY-DUTY
EXPANSION ANCHOR**



**CFS-F FX
FIRESTOP FOAM**



**X-P
HIGH PERFORMANCE
NAIL**



**DX 2
POWDER-ACTUATED
FASTENING TOOL**

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WHAT'S NEW



**AG 125-A36
CORDLESS
5" ANGLE GRINDER**



**SB 4-A22
CORDLESS
BAND SAW**

**SL 2-A12 / SL 2-A22
CORDLESS TASK LIGHT**



**TE-YX
HAMMER DRILL BIT**





**TE 30-A36
CORDLESS
COMBIHAMMER**



**TE 6-A36
CORDLESS
ROTARY HAMMER**



**SF 6-A22 / SF 6H-A22
CORDLESS HAMMER
DRILL DRIVER**



**SID 4-A22
CORDLESS IMPACT
SCREWDRIVER**



**TE 50-AVR
COMBIHAMMER**



**TE 30
COMBIHAMMER**

PRODUCTS AND SERVICES





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Diamond Coring and Sawing

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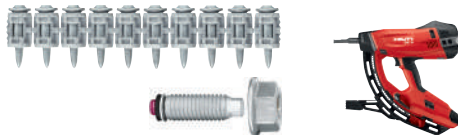
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MEASURING SYSTEMS



Measuring Systems



Laser Range Meters

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Multidirectional Lasers

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Calibration Service

Services

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SAVING TIME IS EASY WITH HILTI MEASURING SYSTEMS

Find the right tool for the right task

Applications	Systems
	<p>Laser Range Meters</p> <ul style="list-style-type: none"> ● Distance ● Area ● Volume  
	<p>Multidirectional Lasers</p> <ul style="list-style-type: none"> ● Levelling ● Aligning ● Plumbing ● Squaring    
	<p>Rotating Lasers</p> <ul style="list-style-type: none"> ● Levelling ● Squaring ● Aligning ● Slope     
	<p>Detection Systems</p> <ul style="list-style-type: none"> ● Verifying reinforcement ● Checking coverage ● Detecting embedded objects in walls/floors  

 Distance measuring
  Levelling/ Height transfer
  Vertical aligning Plumbing
  Slope
  Squaring
  Detection

UNLEASHING FULL MEASURING POWER.

Hilti Pulse Power



Unique measuring performance.

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

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

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

PULSE III POWER

Rotating Lasers



Catch the Beam in one pass

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

Line and Combilasers



Visibility without compromise

The Hilti PM 2-L line laser and the PM 4-M and the PM 40-MG multi-line laser feature outstanding visibility of the lines they project whether working with or without a receiver.

Range Meters



Top measuring performance

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

Detection Systems



Trustworthy detection

For the objects distributed under the wall, it's not always as "neat" as expected. With Pulse Power, more than 1000 pulses are excited from the detector, so that more signals can be collected for calculation, which results in highest accuracy and reliable object detection.

Laser range meter PD 5



APPLICATIONS

- Measuring distances from 0.25 m to 100 m quickly and accurately
- Measuring quickly and safely in places where access is difficult
- Measuring heights from floors to ceilings in a one-man operation

ADVANTAGES

- Simple and intuitive to use
- Single-button operation
- New compact design fits in every pocket
- Water resistant and dust tight
- Measuring results are visible even in dark conditions thanks to automatic display backlight
- Rugged and durable



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2011



reddot design award winner 2011



Technical data	
Measuring range	0.25 m - 100 m
Accuracy	±1.5 mm
Measuring functions	Single and continuous measurement
Data memory	Last 2 measurements
Laser class	< 1 mW, 635 nm, Class 2 (IEC 60825-1:2008), Class II (FDA CFR 21 art.1040)
IP protection class	IP 55 (IEC 529)
Battery type	2 x 1.5 V (AAA)
Operating time with alkaline battery	8000 measurements
Weight with batteries	100 g
Dimensions (LxWxH)	164 x 33 x 21 mm



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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	2004788

Please visit Hilti 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 surface areas for quotations in renovation work
- Determining the length or height of objects that cannot be directly accessed (remote measurement)
- Measuring long distances using outdoor mode
- Measuring heights from floors to ceilings in a one-man operation

ADVANTAGES

- The outdoor display is readable even in very bright sunlight
- LEDs provide clear identification of the measuring reference and thus help avoid measuring mistakes
- Built-in 360° tilt sensor for various application possibilities
- Built-in optical viewfinder for outdoor measurements
- Measuring functions are aided by the graphic display
- Easier targeting and quick, reliable measurements



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2014

Technical data	
Measuring range	0 m - 200 m
Accuracy	±1 mm
Measuring functions	Single and continuous measurement, Outdoor mode, Digital level
Calculation functions	Addition, Subtraction, Area, Volume, Painters area, Setting out, min/max, Timer, Offset, Memory (30x), Trapezoid (2x), Pythagoras (3x), Indirect measurement (4x)
Data memory	Last 30 measurements / graphical calculation result
Laser class	< 1 mW, 635 nm, Class 2 (IEC 60825-1:2007), Class II (FDA CFR 21 art.1040)
IP protection class	IP 65 (EN 60529)
Battery type	2 x 1.5 V (AAA)
Operating time with alkaline battery	5000 measurements
Weight with batteries	165 g











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Ordering designation	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	2061409

Please visit Hilti website for the latest item numbers and related products

Accessories for Laser Range Meters

Ordering designation	PD 5	PD-E	Sales pack quantity	Item number
Laser visibility glasses PP EY-GU R red Lens: PC material, thickness 2.1 mm, Supravision HC-AF coating, filter: 2C-1.2, impact energy: 45m/s, surface resistance to fine particles: K, antifog: N			1 pc	2065448
Target plate PDA 51 Standard target plate Dimensions: 130 x 120 mm, white			1 pc	202414 ¹⁾
Target plate PDA 52 Increases measuring range over long distances and in unfavourable lighting conditions Dimensions: 210 x 297 mm, black			1 pc	226879 ¹⁾
Measuring Extension PDA 72			1 pc	2062052

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

Please visit Hilti website for the latest item numbers and related products

Line laser PM 2-L



APPLICATIONS

- Transferring reference heights
- Leveling suspended ceilings
- Leveling electric sockets, cable trays, radiators and pipe installations
- Leveling and aligning doors and windows
- Aligning pipes vertically

ADVANTAGES

- Horizontal and vertical line with a large fan angle to cover a large working area
- Rubber-coated housing and pendulum lock for higher robustness
- Selectable independent or simultaneous laser lines for horizontal and vertical alignment applications

2
YEARS
WARRANTY

3
YEARS
REPAIRABLE

3
YEARS
CALIBRATION

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Technical data

Accuracy	±3 mm at 10 m
Automatic switch-off	Yes
Battery type	4 x 1.5 V (AA)
Dimensions (LxWxH)	107 x 65 x 95 mm
IP protection class	IP 54 (IEC 529)
Laser class	< 1 mW, 635 nm, Class 2 (IEC 60825-1:2008), Class II (FDA CFR 21 art.1040)
Laser functionality	Level, Align
Low battery indication	Yes
Max. operating distance	10 m (Lines), 30 m (Lines, with receiver)
Operating temperature range	-10 - 50 °C



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Ordering designation PM 2-L	Package contents 1x Line laser PM 2-L, 2x Battery AA (2) alkaline, 1x Bag	Sales pack quantity 1 pc	Item number 2047045
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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 center point for fast, easy alignment
- Fine adjustment knob for precise alignment



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Technical data

Vertical side fan angle	240 °
Accuracy	±2 mm at 10 m
Automatic switch-off	Yes
Battery type	4 x 1.5 V (AA)
Dimensions (LxWxH)	124 x 124 x 187 mm
IP protection class	IP 54 (IEC 529)
Laser class	< 1 mW, 635 nm, Class 2 (IEC 60825-1:2008), Class II (FDA CFR 21 art.1040)
Laser functionality	Square, Level, Align, Plumb
Low battery indication	Yes
Max. operating distance	10 m (Lines), 50 m (Lines, with receiver)



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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

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Multi-line laser PM 40-MG NEW



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 center point for fast, easy alignment
- Fine adjustment knob for precise alignment



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Technical data

Horizontal side fan angle	360 °
Accuracy	±2 mm at 10 m
Automatic switch-off	Yes, after 60 mins
Battery type	B 12/2.6 Li-ion
Dimensions (LxWxH)	124 x 124 x 187 mm
IP protection class	IP 54 (IEC 529)
Laser class	Class 2, 520 nm, reference part - 630 nm
Laser functionality	Square, Level, Align, Plumb
Low battery indication	Yes
Max. operating distance	20 m (Lines), 50 m (Lines, with receiver)



Ordering designation	Package contents	Sales pack quantity	Item number
PM 40-MG	1x Multi line laser PM 40-MG, 1x Case	1 pc	2152386
PM 40-MG system (110V)	1x Multi line laser PM 40-MG, 1x Battery B 12/2.6Ah, 1x Charger C 4/12-50 110V	1 pc	3579733
PM 40-MG system (230V)	1x Multi line laser PM 40-MG, 1x Battery B 12/2.6Ah, 1x Charger C 4/12-50 230V	1 pc	3579622

Please visit Hilti website for the latest item numbers and related products

Accessories for Multi-Directional Lasers

Ordering designation		PM 2-L	PM 4-M	PM 40-MG	Sales pack quantity	Item number
Laser visibility glasses PP EY-GU R red Lens: PC material, thickness 2.1 mm, Supravision HC-AF coating, filter: 2C-1.2, impact energy: 45m/s, surface resistance to fine particles: K, antifog: N		■	■		1 pc	2065448
Target plate PRA 50 (CM) Significantly improves the visibility of the red laser beam The magnetic target plate attaches perfectly to the metal frame, freeing both hands for easy levelling of the suspended ceiling		■	■		1 pc	285415 ¹⁾
Target plate PRA 54				■	1 pc	226976
Wall mount with magnetic bracket PMA 82 For mounting the tool on perimeter trim or on magnetic surfaces for suspended ceiling applications		■	■	■	1 pc	2160374
Magnetic bracket PMA 83 For mounting the tool on magnetic surface only		■	■	■	1 pc	2098199
Floor track adapter For mounting the tool to dry wall frame				■	1 pc	2160375
Tripod PMA 20 Adjustable in height from 0.42 m to 1.2 m		■	■	■	1 pc	411287
Laser receiver PMA 31		■	■		1 pc	411288
Laser receiver PMA 31G				■	1 pc	2152388
Battery pack B 12/2.6 Li-Ion				■	1 pc	2077976
Battery 12V charger C 4/12-50 110V				■	1 pc	2076995
Battery 12V charger C 4/12-50 230V				■	1 pc	2076994

Please visit Hilti website for the latest item numbers and related products

Rotating laser PR 3-HVSG A12



APPLICATIONS

- Levelling (suspended ceilings, transferring heights)
- Squaring (walls, partitions)
- Aligning (pipe runs and cable trays)

ADVANTAGES

- Provides four times better visibility thanks to the latest Laser Class 2 green diode technology – with no loss of performance
- Built to last – equipped with newly designed shock-absorbing handles and rugged IP 64 protected housing for maximum reliability in the toughest jobsite environments (MIL-STD-810G)
- Single-button operation makes the tool extremely easy to use
- The lithium-ion battery, featuring CPC technology for unique power management, charges within 35 minutes



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Technical data

Tripod thread diameter	5/8 in
Accuracy	±1 mm at 10 m
Battery type	B 12/2.6 Li-ion
Dimensions (LxWxH)	200 x 200 x 230 mm
IP protection class	IP 56 (IEC 529)
Laser functionality	Horizontal levelling, Vertical aligning, One 90° laser beam (green), Manual slope
Max. operating distance with laser receiver (diameter)	150 m
Operating range with laser receiver (diameter)	2 - 150 m
Operating temperature range	-10 - 50 °C
Operating time	16 h



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Ordering designation	Package contents	Sales pack quantity	Item number
PR 3-HVSG A12	1x Rotating laser PR 3-HVSG A12, 1x Remote control, 1x Target plate PRA 54, 1x Battery AA (2) alkaline, 1x Case	1 pc	2106070
PR 3-HVSG A12 (110V)	1x Rotating laser PR 3-HVSG A12, 1x Remote control, 1x Target plate PRA 54, 1x Battery AA (2) alkaline, 1x Battery pack B 12/2.6 Li-Ion, 1x Battery Charger C 4/12-50 110V, 1x Laser receiver PRA 20G, 1x Case	1 pc	3579619
PR 3-HVSG A12 (230V)	1x Rotating laser PR 3-HVSG A12, 1x Remote control, 1x Target plate PRA 54, 1x Battery AA (2) alkaline, 1x Battery pack B 12/2.6 Li-Ion, 1x Battery Charger C 4/12-50 230V, 1x Laser receiver PRA 20G, 1x Case	1 pc	3552703

Please visit Hilti website for the latest item numbers and related products

Rotating laser PR 2-HS A12



APPLICATIONS

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

ADVANTAGES

- 360° Outlast – unique head of the tool together with four shock-absorbing handles and robust receiver holder as well as the rugged IP 66 protected housing (battery excluded) provide the most reliable performance in the toughest jobsite environments (MIL-STD-810G)
- Unaffected by the sun and other light sources thanks to Pulse Power technology
- One button, one function makes the tool extremely easy to use
- Digital measurement indicates to the user precisely how much the measurement deviates from the target value
- Single manual slope mode at up to 60% using the PRA 79 slope adapter
- Extended 12 cm laser receiver window for quick detection of the laser beam over the entire working range
- The lithium-ion battery, featuring CPC technology for unique power management, charges within 35 minutes



Calibration Service

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Technical data

Tripod thread diameter	5/8 in
Accuracy	±0.5 mm at 10 m
Battery type	B 12/2.6 Li-Ion
Dimensions (LxWxH)	200 x 200 x 246 mm
IP protection class	IP 66 (IEC 529)
Laser functionality	Manual slope, Horizontal levelling
Max. operating distance with laser receiver (diameter)	600 m
Operating range with laser receiver (diameter)	2 - 600 m
Operating temperature range	-20 - 50 °C
Operating time with Li-ion battery	16 h















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Ordering designation	Package contents	Sales pack quantity	Item number
PR 2-HS A12	1x Rotating laser PR 2-HS A12, 1x Battery AA (2) alkaline, 1x Laser receiver PRA 20, 1x Laser receiver holder PRA 83, 1x Case	1 pc	2131538
PR 2-HS A12 (110V)	1x Rotating laser PR 2-HS A12, 1x Battery AA (2) alkaline, 1x Laser receiver PRA 20, 1x Laser receiver holder PRA 83, 1x Battery pack B 12/2.6 Li-Ion, 1x Battery Charger C 4/12-50 110V, 1x Case	1 pc	3579620
PR 2-HS A12 (230V)	1x Rotating laser PR 2-HS A12, 1x Battery AA (2) alkaline, 1x Laser receiver PRA 20, 1x Laser receiver holder PRA 83, 1x Battery pack B 12/2.6 Li-Ion, 1x Battery Charger C 4/12-50 230V, 1x Case	1 pc	3552705

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Accessories for Rotating Lasers

Ordering designation		PR 3-HVSG A12	PR 2-HS A12	Sales pack quantity	Item number
Laser Receiver PRA 20 Receiver with millimetre display for digital measurement allows easy, accurate detection of the rotating laser beam within a circular area up to 600 m in diameter			■	1 pc	2071120
Laser Receiver PRA 20G Receiver with millimetre display for digital measurement allows easy, accurate detection of the rotating laser beam within a circular area up to 150 m in diameter		■		1 pc	2106071
Laser receiver holder PRA 83		■	■	1 pc	2071084
Height transfer device PRA 81		■	■	1 pc	368627 ¹⁾
Measuring rod PUA 53 Metal foot plate, adjustable in height from 0.88 m to 5 m		■	■	1 pc	2107220
Tripod PUA 25 (Small tripod) Tripod with 5/8" tread, adjustable in height from 1.0 m to 1.68 m. 3.6 kg in weight		■	■	1 pc	2107119
Crank tripod PA 931 (Large tripod) Tripod with 5/8" tread, adjustable in height from 0.78 m to 2.88 m. 8 kg in weight		■	■	1 pc	315998 ¹⁾
Slope adapter PRA 79 For setting inclinations up to 60%		■	■	1 pc	2071083
Facade adapter PRA 760		■	■	1 pc	435439 ¹⁾
Battery pack B 12/2.6 Li-Ion		■	■	1 pc	2077976
Battery 12V charger C 4/12-50 110V		■	■	1 pc	2076995
Battery 12V charger C 4/12-50 230V		■	■	1 pc	2076994

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

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Multidetector PS 50



APPLICATIONS

- Detecting metal, wood or plastic objects and electrical conduits at depths up to 150 mm
- Quickly and easily locate objects under the surface of structures prior to drilling, coring, sawing or slitting
- Drilling anchor holes or through penetrations for pipe and cable installations with minimized risk of hitting concealed objects
- Locating underfloor heating pipes or other pipe and cable runs
- Setting anchors in hollow or thermally activated slabs
- Locating studs for efficient fastenings

ADVANTAGES

- Helps you drill right first time – knowing where to drill helps
- avoid costly repairs, saves time and drill bits
- A real problem solver that brings peace of mind in anchoring or coring applications when plans are no longer available, e.g. in renovation projects
- Built-in display for easy location of objects detected plus indication of approximate embedment depth and type of material – no expert skills required
- Detection of ferrous and non-ferrous metals, live cables, plastic pipes and other objects like wood and cavities
- Easy menu navigation for selection of the appropriate scanning mode for different base materials (universal, concrete, wet concrete, floor heating, drywall, hollow brick)

Technical data

Accuracy of depth indication ¹⁾	±10 mm
Localisation accuracy ¹⁾	±5 mm
Minimum distance between two neighbouring objects	40 mm
IP protection class	IP 54 (IEC 529)
Dimensions (LxWxH)	195 x 90 x 75 mm
Automatic switch-off	Yes
Low battery indication	Yes
Operating time with alkaline battery	5 h
Max. detection depth for live wires (50/60 Hz, 90 - 240V) ¹⁾	60 mm
Max. detection depth for object localization ¹⁾	150 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 50	1x Multidetector PS 50, 1x Battery AA (2) alkaline, 1x Marker pen PUA 70 set, 1x Hand strap, 1x Toolbag PSA 67, 1x Case	1 pc	2075721

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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 45x45m

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 meters and up to 9 Imagescans



Technical data

Max. detection depth for rebar	160 mm (at 36 mm rebar diameter)
Accuracy of depth measurement for rebar¹⁾	± 1 mm
Localisation accuracy¹⁾	±3 mm
Type of scan	Areas (Imagescan or Blockscan), Quickscan detection, Quickscan recording
IP protection class	IP 54 (IEC 529)
Dimensions (monitor)	292 x 208 x 65 mm
Dimensions (scanner)	260 x 132 x 132 mm
Automatic power-off (monitor)	Configurable
Automatic power-off (scanner)	5 min. after last press of a button
Low battery indication	Yes

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



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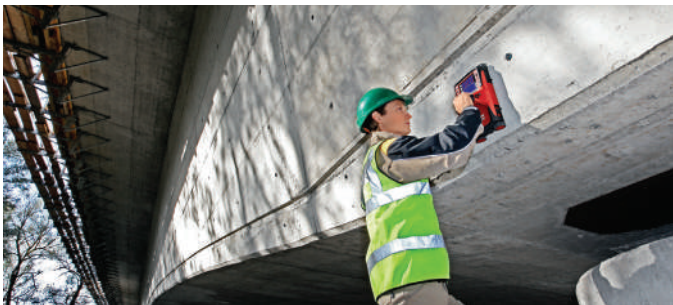


Ordering designation	Package contents	Sales pack quantity	Item number
PS 250	1x Scanner PS 200 S, 1x Battery pack PSA 80, 1x Battery pack PSA 82, 1x Battery charger PUA 80, 1x Battery AA (2) alkaline, 5x Reference grid PSA 10 (MM), 1x Monitor PSA 100, 1x Hand strap, 1x Mains adapter PUA 81, 1x Supply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

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

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X-Scan system PS 1000



APPLICATIONS

- Locating rebars, tendons, metal and plastic conduits, glass-fibre cables, voids and wood in dry concrete structures at depths of up to 300 mm
- Minimizes the risk of hitting concealed objects when drilling anchor holes or through holes, breaking out openings and in diamond coring and sawing work
- Rebar extension (post-installed rebar connections) in structural applications
- Inspection of floors, decks, slabs, balconies, etc. in structures such as tunnels, bridges and buildings
- Detection of voids and cavities
- Quality assessment and checking reinforcement and tensioning cables

ADVANTAGES

- Provides a real-time view of the inside of concrete structures and generates true images automatically for direct on-site evaluation of scan data by the user - no expert skills required
- Features three scan modes for specific applications: Quickscan detection, Quickscan recording and Imagescan (2-D and 3-D data visualization with top view and cross sectional views)
- Compact all-in-one hand-held design offers easy, user-friendly operation, quick start-up for speed of use plus unmatched data visualization
- Displays a top view of the scan for easy object mapping plus cross sections in both directions for easy identification of multiple layers in concrete structures
- Powerful monitor unit for in-depth, on-site scan analysis plus PC software for subsequent data evaluation and documentation
- Reduces risks by helping locate suitable places to cut or drill - hundreds of square metres of concrete can be inspected in a day

Technical data

Accuracy of depth indication ¹⁾	<100 mm: ±10 mm;>100 mm:±15 %
Localisation accuracy ¹⁾	±10 mm
Minimum distance between two neighbouring objects	40 mm
Type of scan	Imagescan, Quickscan detection, Quickscan recording
IP protection class	IP 54 (IEC 529), Battery IP 56
Dimensions (monitor)	292 x 208 x 65 mm
Dimensions (scanner)	318 x 190 x 143 mm
Automatic power-off (monitor)	Configurable
Automatic power-off (scanner)	Configurable
Automatic switch-off	Configurable

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



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PULSE III POWER

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Ordering designation	Package contents	Sales pack quantity	Item number
PS 1000	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 Toolbag PSA 60, 1x Toolbag PSA 61, 1x Case	1 pc	2007503 ¹⁾

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

Please visit Hilti website for the latest item numbers and related products

Ferrosan service - Professional rebar detection services for you



APPLICATIONS

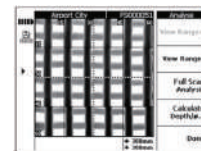
An innovative experience of rebar detection, which is absolutely suitable for:

- The **Clients** like YOU, for the quality inspection of buildings with full confidence
- The **Main contractors** like YOU, for the quality control of working procedures, so as to ensure safety of building structure
- The **Contractors** like YOU, for maximizing working efficiency in A&A projects
- The **Foremen** like YOU, for avoiding rebar hit with competence

Hilti Ferrosan Service



Imagescan



Hilti Ferrosan Service can help you to generate images on-site with **Imagescan mode**, with image 60 cm x 60 cm each, so as to provide rebar layout of scanning area and to measure the depth of any points of rebar from the concrete cover

More insight. Fewer surprises.

Have you ever experienced frequent rebar hits while drilling or setting anchors? Totally no clue of how to start with the building inspection or A&A projects? We are ready to offer helps.

With the PS 200 Ferrosan System, we can provide the market leading Non-destructive Testing Method for you - Rebar inspection without opening the concretes! By simply a scan on concrete surface, the layout of reinforcement and depth measurement in different rebar points are ready for you.

We are ready to serve you!

Upon booking, our professional Ferrosan teams in Hong Kong and Macau can promptly reach you in the job site for on-site evaluation, scanning of the required area as well as the preparation of a tailor-made professional rebar analysis report for your reference or submission.

Ferrosan application

Structure inspection



Applicable for building purpose alternation, building T&C, additional building structure

Checking concrete cover



Applicable for building T&C, renovation, quality control throughout the project

Avoiding rebar hits



Avoid destruction of the structure by rebar hit during drilling or setting anchors

Hilti calibration service (in testing laboratory)



APPLICATIONS

Consistently reliable measuring results for all Hilti measuring tools.

- Rotating Laser
- Multidirectional Laser
- Laser range meter
- Detection tools

Hilti Calibration Service



Calibration Service

Retrieval, adjustment, certification and return transport of the measuring tool through the Hilti Calibration Service.

As good as new - with the Hilti Calibration Service.

In spite of being built extremely durable, Hilti measuring tools, may, as with all precision tools, experience irregularities as result of the harsh atmosphere of everyday use on construction sites, differing storage conditions or other external influences and factors.

Construction professional can always trust their Hilti measuring tools with the Hilti Calibration Service. Regular checking ensures the reliability according to standards and legal requirements. Hilti recommends a regular calibration of every tool if subject to normal use. If irregularities are discovered, the tool is adjusted to ensure it functions as precisely and reliably as ever. Hilti guarantees it-with a calibration certificate that attests that the tool meets specifications, and with a corresponding sticker that shows the date of the most recent calibration.

- Regular calibrating of Hilti laser measuring tools
- Retrieval, checking, adjustment, certification and return transport of the tool around 2 weeks professional service from a single provider
- Reliability in audits
- Service certificate and inspection sticker (ISO 900X)
- Reliable measuring results at all times
- The highest precision

Calibration Label

2011		2012		2013	
1				12	
2				11	
3				10	
4	5	6	7	8	9

Service certificate and dated inspection plate (ISO 900X) confirm that the measuring tool again functions precisely and reliably.

Service certificate

Can be issued for all products over the entire lifespan of the product concerned.

Service certificate without test results

Ordering designation	Item number
Service certificate I - PL/PA/POL	00431148
Service certificate I - PD	00431157
Service certificate I - PM/PML/PMP/PMC	00431158
Service certificate I - PS	00431159
Service certificate I - PR/PRE/PRI	00431160
Service certificate I - Ferrosan/PS 1000	00431161

Service certificate with test results

Ordering designation	Item number
Service certificate II - PL/PA/POL	00431163
Service certificate II - PD	00431164
Service certificate II - PM/PML/PMP/PMC	00431165
Service certificate II - PS	00431166
Service certificate II - PR/PRE/PRI	00431167
Service certificate II - Ferrosan/PS 1000	00431168

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CORDLESS SYSTEMS



Cordless Systems



12V Li-ion Platform

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14V Li-ion Platform

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22V Li-ion Platform

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36V Li-ion Platform

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Cordless Systems



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ADVANCED CORDLESS TECHNOLOGY OF NEW 22V BATTERIES

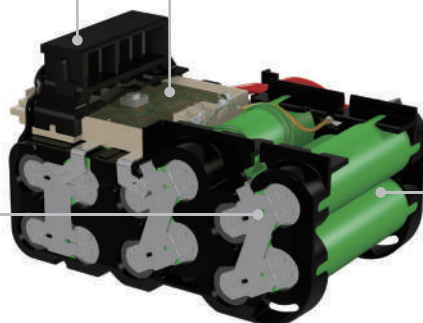


SUB-ZERO ENVIRONMENTS

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

HIGHER, RELIABLE OUTPUT

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



WATER AND DUST RESISTANT

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

LONGER LASTING

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

Old
(3.3Ah)



New
(5.2Ah)



up to 80% increase

MULTIPLE TOOL CONNECTIONS

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



EASY TO MONITOR

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

QUICK CHARGING

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

DROP AND IMPACT RESISTANT

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



APPLICATION AND TOOL SELECTOR FOR CORDLESS IMPACT DRILL / DRILL / DRIVER / IMPACT DRIVE / IMPACT WRENCH / HAMMER

	Cordless Screw Driving & Drilling	Voltage (V)	Weight (kg)	Connection end	Battery capacity (Ah)	Charger C4/12-DC	Charger C4/12-50	Charger C4/36-90	Charger C4/36-350
						Charging time (min)			
Drill / Driver	SF 2-A	10.8	1.0		2.6	35	35	35*	35*
	SFC 14-A	14.4	1.5		1.6	28		21	21
	SFC 22-A	21.6	1.7		2.6 5.2	60 120		37 80	35 35
	SFD 2-A	10.8	1.1		2.6	35	35	35*	35*
	SF 14-A	14.4	2.3		3.3	44		41	23
	SF 6-A22	21.6	2.5		2.6 5.2	60 120		37 80	35 35
Hammer drill / Driver	SFH 14-A	14.4	2.4		3.3	44		41	23
	SF 6H-A22	21.6	2.6		2.6 5.2	60 120		37 80	35 35

	Cordless Impact Driving & Wrenching	Voltage (V)	Weight (kg)	Bits end	Battery capacity (Ah)	Charger C4/12-DC	Charger C4/12-50	Charger C4/36-90	Charger C4/36-350
						Charging time (min)			
Impact Driver	SID 2-A	10.8	1.1		2.6	60	35	35*	35*
	SID 4-A22	21.6	1.4/1.7		2.6	60		37	35
					5.2	120		80	35
Impact Wrench	SIW 14-A	14.4	1.3/1.5		1.6/3.3	28/44		21/41	21/23
	SIW 22-A 1/2"	21.6	1.5/1.8		2.6	60		37	35
	SIW 22T-A 1/2"	21.6	3.0		5.2	120		80	35
					2.6	60		37	35
	SIW 22T-A 3/4"	21.6	3.2		5.2	120		80	35

*To be used together with charging adaptor CA-B12

Rotary and combihammer	Voltage (V)	Weight (kg)	Ratio drilling / chiseling	Working direction	Drill bit connection end	Material for drilling			
						Highly reinforced concrete	Concrete/ Granite/ Stone/ Solid brick	Hollow brick/ Tile	Wood/ Metal
TE 2-A22	21.6	2.7							
TE 4-A22	21.6	3.3							
TE 6-A36	36	3.7							
TE 30-A36	36	5.1							

Screw driving			Drilling			Hammer Drilling		Page
Woodscrew into chipboard (mm)	Woodscrew into plastic anchor (mm)	Self-drilling metal construction screw (mm)	Wood/ chipboard (mm)	Holesaw in chipboard (mm)	Metal sheet (mm)	Brick and masonry (mm)	Concrete (mm)	
Ø6	Ø8	Ø4.8x19	Ø20	Ø40		—	—	38
Ø8	Ø8	Ø4.8x19	Ø20	Ø68	Ø10	—	—	43
Ø6	Ø8	Ø4.8x19	Ø26	Ø82	Ø10	—	—	49
Ø6	Ø8	Ø4.8x19	Ø20	Ø40		—	—	39
Ø8	Ø10	Ø4.8x19	Ø28	Ø102	Ø13	—	—	44
Ø10	Ø12	Ø6.3x50	Ø32	Ø125	Ø13	—	—	50
Ø8	Ø10	Ø4.8x19	Ø28	Ø102	Ø13	Ø10	Ø6	45
Ø10	Ø12	Ø6.3x50	Ø32	Ø125	Ø13	Ø12	Ø8	51

Screw driving						Page
Woodscrew into chipboard (mm)	Woodscrew into plastic anchor (mm)	Drywall screw into drywall (mm)	Self tapping screw into metal (mm)	Screw anchor into concrete (mm)	Bolt tightening	
Ø6	Ø8	Ø4.8x19			M8	40
Ø12	Ø12	Ø5.2	Ø5.5		M10	52
Ø12	Ø12			Ø6	M6-M16	46
Ø12	Ø12			Ø6	M6-M16	53
Ø12	Ø12			Ø8-Ø14	M12-M24	54
Ø12	Ø12			Ø8-Ø14	M12-M24	55

■ = Very Suitable, ■ = Suitable, ■ = Possible

Battery capacity (Ah)	Charger C4/12-DC	Charger C4/36-90	Charger C4/36-350	Anchor holes / through holes (diameters in mm)													Page		
	Charging time (min)			4	5	6	8	10	12	14	16	18	20	22	24	26		28	30
2.6	60	37	35	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	56
5.2	120	80	35	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	57
2.6/ 5.2	104/ 210	75/ 130	35/ 35	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	68
2.6/ 5.2	104/ 210	75/ 130	35/ 35	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	70

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

VOLTAGES THAT MEET YOUR REQUIREMENTS PERFECTLY. 12*, 14, 22 AND 36 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.



12V Li-ion Platform 2.6Ah *compatible for C4/36-90 and C4/36-350 chargers with charging adapter CA-B12



			
SF 2-A Drill / Driver P. 38	SFD 2-A Drill / Driver P. 39	SID 2-A Impact screwdriver P. 40	SL 2-A12 Task light P. 41

14V Li-ion Platform 1.6Ah / 3.3Ah



				
SFC 14-A Compact drill / Driver P. 43	SF 14-A Drill / Driver P. 44	SFH 14-A Hammer drill / Driver P. 45	SIW 14-A Impact wrench P. 46	SFL 14-A Lamp P. 47

22V Li-ion Platform 2.6Ah / 5.2Ah



						
TE 2-A22 Rotary hammer P. 56	TE 4-A22 Rotary hammer P. 57	SFC 22-A Compact drill driver P. 49	SF 6-A22 Drill driver P. 50	SF 6H-A22 Hammer drill driver P. 51	SID 4-A22 Impact screwdriver P. 52	
						
SIW 22-A 1/2" Impact wrench P. 53	SIW 22T-A 1/2" Impact wrench P. 54	SIW 22T-A 3/4" Impact wrench P. 55	SCM 22-A Circular saw P. 59	SCW 22-A Circular saw P. 60	SC 70W-A22 Circular saw P. 61	SB 4-A22 Cordless band saw P. 64
						
AG 125-A22 5" Angle grinder P. 63	WSR 22-A Reciprocating saw P. 62	HDE 500-A22 Dispenser P. 249	BX 3 Battery-actuated fastening tool P. 211, 213	ST 1800-A22 Cordless metal construction screwdriver P. 198	SL 2-A22 Task light P. 65	

36V Li-ion Platform 2.6 Ah / 5.2 Ah



				
TE 6-A36 Rotary hammer P. 68	TE 30-A36 Combihammer P. 70	WSR 36-A Reciprocating saw P. 71	AG 125-A36 5" Angle grinder P. 72	SFL 36-A Lamp P. 73



HILTI DUST REMOVAL SYSTEMS

Four components – one winner

1

Air turbulence and air flow are defined exactly by the special shape and design for the tool

- Built in DRS air channels extract the dust right at its source
- Entire tool is designed specifically for the best-possible dust removal



2

Advanced ergonomic design captures dust the moment it is generated

- Optimized air-flow inside tool's built-in dust removal hood
- The dust removal efficiency extends life of cutting discs, improve cutting



3

Made from extremely robust and durable – unmatched in the market

- Keyless quick –release mounting system
- Dual-chamber dynamic air-flow system
- Compact and very convenient



4

Combination of a small, mobile and robust vacuum cleaner with continuous high suction performance

- New filter technology briefly reverses the flow of air inside the system and thus blasts the filter clean every 15 seconds



Vacuum cleaner



VC 20 / 40-U
or
VC 20 / 40-Y

DRS module



TE-DRS-S

or



TE-CD



DC-EX 125/5"-C
or
DC-EX 125/5"-M
or
DG-EX 125/5"

Tool



TE 2-A22



TE 30-A36



AG 125-A22



AG 125-A36



SCW 22-A



SC 70W-A22

Built in



TE DRS-4-A



TE DRS-6-A



TE 4-A22



TE 6-A36

Cordless compact drill driver SF 2-A



APPLICATIONS

- Installation of electrical switches, sockets, pipe rings and other equipment
- Driving screws up to 6 mm diameter in wood
- Driving self-tapping screws up to 4.8 mm diameter in metal
- Drilling with HSS bits up to 8 mm diameter in metal
- Drilling with auger and spade bits up to 14 mm diameter in wood
- Hole sawing up to 35 mm diameter in metal

ADVANTAGES

- Precision clutch provides fine control for delicate screwdriving jobs
- High productivity thanks to a drilling speed of up to 1,500 /min
- Optional belt hook or holster for extra mobility and convenience
- Ultra-compact design for good access in tight corners
- Ergonomic grip and perfect balance for maximum working comfort
- Built-in double LED in the foot of the tool for ideal illumination of the work area



No costs for maximum 1 time replacement within the first year
This tool cannot be repaired

Technical data

Rated voltage	10.8 V
Rotation speed	Gear 1: 400 rpm; Gear 2: 1500 rpm
Max. torque	12 Nm (soft joint), 24 Nm (hard joint)
Torque range	0.5 - 3.5 Nm
Weight according to EPTA Procedure 01/2003	1.0 kg
Dimensions (LxWxH)	178 x 70 x 206 mm
Tool chuck type	3-jaw chuck, 0.8 - 10 mm



Order Now **Watch Video**



Package contents

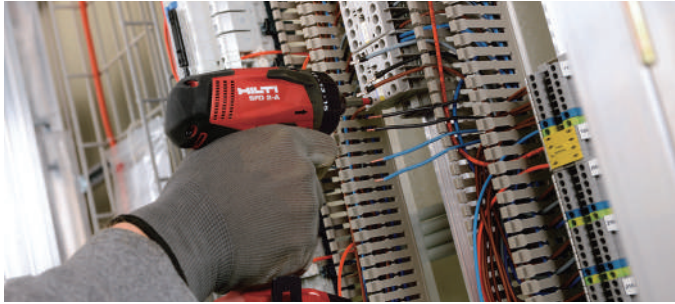
	Battery	Charger	Inserts HSS Co / Bit Set	Item Number	
SF 2-A Body	N/A	N/A	3MM MP10	3553357	
			6MM MP10	3553358	
	2 X 2.6AH BATTERY	12V CHARGER 4/12-50 110V	6.5MM MP10	3579314	
			1 - 13MM Kit	3579315	
			3MM MP10	3553361	
			6MM MP10	3553362	
			6.5MM MP10	3579316	
			1 - 13MM Kit	3579317	
			12V CHARGER 4/12-50 230V	3MM MP10	3553359
				6MM MP10	3553360
				6.5MM MP10	3579318
				1 - 13MM Kit	3579319

Please visit Hilti website for the latest item numbers and related products

Related products on page

Inserts 42, 75-79

Cordless drill driver SFD 2-A



APPLICATIONS

- Installation of electrical switches, sockets and other equipment
- Driving screws up to 6 mm diameter in wood
- Drilling with HSS bits up to 8 mm diameter in metal
- Driving screws up to 6 mm diameter in plastic anchors
- Drilling with auger and spade bits up to 14 mm diameter in wood

ADVANTAGES

- 144 mm length and ultra-compact design for maximum accessibility
- Quick-release chuck optimized for 25 mm bit length for maximum convenience and minimum overall tool length with the bit fitted
- Built-in double LED for almost shadowless illumination of the work area
- Ergonomic grip and perfect balance for maximum working comfort
- Precision clutch provides fine control for delicate screwdriving job
- Side rubber contact points for improved ruggedness and protection of the work surface



No costs for maximum 1 time replacement within the first year
This tool cannot be repaired

Technical data	
Rated voltage	10.8 V
Rotation speed	Gear 1: 400 rpm; Gear 2: 1500 rpm
Max. torque	12 Nm (soft joint), 24 Nm (hard joint)
Torque range	0.5 - 3.5 Nm
Weight according to EPTA Procedure 01/2003	1.1 kg
Dimensions (LxWxH)	144 x 70 x 206 mm
Tool chuck type	1/4" in hexagonal



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Package contents

	Battery	Charger	Inserts HSS Co / Bit Set	Item Number
SFD 2-A Body	N/A	N/A	N/A	2093386
	2 X 2.6AH BATTERY	12V CHARGER 4/12-50 110V	Bit Set S-BSC UNI 50/2" T (6)	3579374
			N/A	3533391
		12V CHARGER 4/12-50 230V	Bit Set S-BSC UNI 50/2" T (6)	3579375
			N/A	3532506
			Bit Set S-BSC UNI 50/2" T (6)	3579376

Please visit Hilti website for the latest item numbers and related products

Related products on page

Inserts 42

Cordless impact screwdriver SID 2-A



APPLICATIONS

- Setting HUS 6 screw and frame anchors in masonry and concrete
- Driving screws in HRD frame anchors up to 8 mm in masonry and concrete
- Drilling in wood with WDB-S spade bits
- Driving lag bolts up to 6 mm diameter in wood

ADVANTAGES

- High productivity thanks to driving speeds of up to 2,500 /min
- Ultra-compact design for easy use wherever space is limited
- Ideal illumination thanks to double LEDs incorporated in the foot of the tool
- Optional belt hook or holster for extra mobility and convenience
- Perfect grip and balance for unmatched productivity
- Rapid switch reaction for full control of the drilling or driving operation



No costs for maximum 1 time replacement within the first year
This tool cannot be repaired

Technical data

Rated voltage	10.8 V
Rotation speed	2500rpm
Max. torque	110 Nm
Full hammering frequency	3,410 impacts /minute
Weight according to EPTA Procedure 01/2003	1.1 kg
Dimensions (LxWxH)	157 x 70 x 206 mm
Tool chuck type	1/4" in hexagonal



Order Now [Watch Video](#)



Package contents

	Battery	Charger	Inserts HSS Co / Bit Set	Item Number
SID 2-A Body	N/A	N/A	N/A	2081472
			Bit Set S-BSC UNI 50/2" T (6)	3579377
	2 X 2.6AH BATTERY	12V CHARGER 4/12-50 110V	N/A	3533392
			Bit Set S-BSC UNI 50/2" T (6)	3579378
			N/A	3532507
			Bit Set S-BSC UNI 50/2" T (6)	3579379

Please visit Hilti website for the latest item numbers and related products

Related products on page

Inserts 42

Cordless task light SL 2-A12 NEW



2

APPLICATIONS

- Illumination of unlit and poorly lit work areas
- Inspection of painted and other finished surfaces

ADVANTAGES

- LED panel provides a light output of 500 lumens while staying cool to the touch
- Natural white light clearly illuminates dark work areas with high color accuracy
- Up to a full working day of light on a single battery charge

Technical data	
Rated voltage	10.8 V
LED lamp power	6.4 W
Lumens	500 lm



Package contents

Ordering designation	Sales pack quantity	Item number
SL 2-A12 Body	1 pc	2163833

Please visit Hilti website for the latest item numbers and related products

Related products on page
Inserts 42

Accessories for 12V Li-ion platform

Ordering designation		SF 2-A	SFD 2-A	SID 2-A	SL 2-A12	Sales pack quantity	Item number
Battery 12V charger C 4/12-50 110V		■	■	■	■	1 pc	2076995
Battery 12V charger C 4/12-50 230V		■	■	■	■	1 pc	2076994
Battery quick charger C 4/36-350 110V		■*	■*	■*	■*	1 pc	2028877
Battery quick charger C 4/36-350 230V		■*	■*	■*	■*	1 pc	2028876
Battery standard charger C 4/36-90 110V		■*	■*	■*	■*	1 pc	2015763
Battery standard charger C 4/36-90 230V		■*	■*	■*	■*	1 pc	2015762
Battery car charger C 4/36-DC		■*	■*	■*	■*	1 pc	2119234
Battery pack B 12/2.6 Li-Ion		■	■	■	■	1 pc	2077976
Charging adapter CA-B12 Used with Battery standard charger C 4/36-90 or Battery quick charger C 4/36-350		■	■	■	■	1 pc	2077005
Torsion Bit-Set S-BSC UNI 50/2" T (6) PH2; PH3; PZ2; TX25; TX30; TX40		■	■	■		1 pc	2057803
Torsion Bit-Set S-BSC+ UNI 25/1" T (10) Bit holder; PH1; PH2; PH3; PZ1; PZ2; PZ3; TX25; TX30; TX40		■	■	■		1 pc	2039186
Diamond Bit-Set S-BSC+ UNI 25/1" T-D (10) Bit holder; PH1; 3x PH2; PH3; PZ1; 2x PZ2; PZ3		■	■	■		1 pc	2039183
Bit-Set S-BSP+ 25/1" (35) steel Bit holder; TX10; TX15; 3x TX20; 3x TX25; 2x TX30; 2x TX40; 2x PH1; 5x PH2; 2x PH3; 2x PZ1; 5x PZ2; 2x PZ3; NS8; NS10; NS12; NS3/8; NS13		■	■	■		1 pc	2039199
Torsion Driver Bit S-B PH2 50/2" T (5)		■	■	■		5 pc	2039079
Diamond Driver Bit S-B PH2 25/1" T-D (10)		■	■	■		10 pc	2039038 ¹⁾
Torsion Double Bit S-DB PH2 65 T (5)		■	■	■		5 pc	2039146
Torsion Double Bit S-DB PH2 110 T (5)		■	■	■		5 pc	2039149
Long Bit S-SY PH2 166/6 1/2" (5)		■	■	■		5 pc	2039153 ¹⁾
Bit Holder S-BH RC 50/2"		■	■	■		1 pc	2039219 ¹⁾
Nut setting socket S-NSD 7		■	■	■		1 pc	2039243 ¹⁾
Nut setting socket S-NSD 8		■	■	■		1 pc	2039244
Nut setting socket S-NSD 10		■	■	■		1 pc	2039245
Nut setting socket S-NSD 3/8"		■	■	■		1 pc	2039250 ¹⁾
Holtser		■	■	■		1 pc	2090729
Belt hook compact		■	■	■		1 pc	2012703

* Compatible with charging adapter CA-B12.

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

Please visit Hilti website for the latest item numbers and related products

Cordless compact drill driver SFC 14-A



APPLICATIONS

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

ADVANTAGES

- Very compact design for best-possible access in tight corners
- Ergonomically designed grip for maximum working comfort
- 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



Technical data

Rated voltage	14.4 V
Rotation speed	Gear 1: 500 rpm; Gear 2: 1700 rpm
Max. torque	24 Nm (soft joint), 45 Nm (hard joint)
Torque range (adjustable)	2 - 10 Nm
Chuck clamping range	2 - 13 mm
Weight according to EPTA Procedure 01/2003	1.5 kg
Dimensions (LxWxH)	192 x 80 x 225 mm
Tool chuck type	3-jaw chuck, 1.5 - 13 mm



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Package contents

	Battery	Charger	Inserts HSS Co	Item Number
SFC 14-A Body	N/A	N/A	3MM MP10	3553363
			6MM MP10	3553364
	2 X 1.6AH BATTERY	STANDARD CHARGER 4/36-90 230V	6.5MM MP10	3579320
			1 - 13MM Kit	3579321
			3MM MP10	3553365
			6MM MP10	3553366
			6.5MM MP10	3579322
			1 - 13MM Kit	3579333
			3MM MP10	3553367
			6MM MP10	3553368
			6.5MM MP10	3579334
			1 - 13MM Kit	3579335
2 X 3.3AH BATTERY	STANDARD CHARGER 4/36-90 230V			

Please visit Hilti website for the latest item numbers and related products

Related products on page

Inserts 48, 75-79

Cordless drill driver SF 14-A



APPLICATIONS

- Cutting recesses and through-holes with hole saws
- Driving heavy-gauge wood screws up to 8 mm diameter
- Drilling with auger and spade bits up to 28 mm diameter in wood
- Driving screws up to 4.8 mm diameter in metal
- Driving screws for plastic anchors up to 14 mm diameter

ADVANTAGES

- Powerful, high-torque motor for top performance at all times
- Fastest drill driver in the 14 V class (2,250 RPM)
- Perfect illumination of the work area thanks to built-in LED lamp
- All-metal Gearing and impact-resistant, glass-fibre-reinforced casing
- Intelligent electrical components guarantee longest system life



Technical data

Rated voltage	14.4 V
Rotation speed	Gear 1: 400 rpm; Gear 2: 1300 rpm; Gear 3: 2250 rpm
Max. torque	40 Nm (soft joint), 70 Nm (hard joint)
Torque range (adjustable)	2 - 12 Nm
Chuck clamping range	2 - 13 mm
Weight according to EPTA Procedure 01/2003	2.3 kg
Dimensions (LxWxH)	229 x 80 x 249 mm
Tool chuck type	3-jaw chuck, 1.5 - 13 mm



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Package contents

	Battery	Charger	Inserts HSS Co	Item Number
SF 14-A Body	N/A	N/A	3MM MP10	3553369
			6MM MP10	3553370
			6.5MM MP10	3579336
			1 - 13MM Kit	3579337
	2 X 1.6AH BATTERY	STANDARD CHARGER 4/36-90 230V	3MM MP10	3553371
			6MM MP10	3553372
			6.5MM MP10	3579338
			1 - 13MM Kit	3579339
			3MM MP10	3553373
			6MM MP10	3553374
2 X 3.3AH BATTERY	STANDARD CHARGER 4/36-90 230V	6.5MM MP10	3579340	
		1 - 13MM Kit	3579341	

Please visit Hilti website for the latest item numbers and related products

Related products on page

Inserts 48, 75-79

Cordless hammer drill driver SFH 14-A



APPLICATIONS

- Hammer drilling in diameters up to 14 mm in brick, masonry and soft concrete
- Cutting recesses and through-holes with hole saws
- Driving heavy-gauge wood screws up to 8 mm diameter
- Drilling with auger and spade bits up to 28 mm diameter in wood
- Driving screws up to 4.8 mm diameter in metal
- Driving screws for plastic anchors up to 14 mm diameter

ADVANTAGES

- Powerful, high-torque motor for top performance at all times
- Fastest drill driver in the 14 V class (2,250 RPM)
- Perfect illumination of the work area thanks to built-in LED lamp
- All-metal Gearing and impact-resistant, glass-fibre reinforced casing
- Intelligent electrical components guarantee longest system life

Technical data	
Rated voltage	14.4 V
Rotation speed	Gear 1: 400 rpm; Gear 2: 1300 rpm; Gear 3: 2250 rpm
Max. torque	40 Nm (soft joint), 70 Nm (hard joint)
Full hammering frequency	40500 impacts/minute
Torque range (adjustable)	2 - 12 Nm
Chuck clamping range	2 - 13 mm
Weight according to EPTA Procedure 01/2003	2.4 kg
Dimensions (LxWxH)	245 x 80 x 249 mm
Tool chuck type	3-jaw chuck, 1.5 - 13 mm



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Package contents

	Battery	Charger	Inserts HSS Co	Item Number
SFH 14-A Body	N/A	N/A	3MM MP10	3553375
			6MM MP10	3553376
	2 X 1.6AH BATTERY	STANDARD CHARGER 4/36-90 230V	6.5MM MP10	3579342
			1 - 13MM Kit	3579343
			3MM MP10	3553377
			6MM MP10	3553378
			6.5MM MP10	3579344
			1 - 13MM Kit	3579345
			3MM MP10	3553379
			6MM MP10	3553380
			6.5MM MP10	3579346
			1 - 13MM Kit	3579347
2 X 3.3AH BATTERY	STANDARD CHARGER 4/36-90 230V			

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Related products on page

Inserts 48, 75-79

Cordless impact wrench SIW 14-A



APPLICATIONS

- Driving 6 mm HUS screw anchors in concrete
- Tightening and releasing nuts and bolts in the sizes M6 to M16
- Driving lag bolts up to 8 mm in diameter in wood
- Driving 8 mm and 10 mm HRD frame anchors in masonry and concrete

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 for easy switching between different driving speeds and torques
- 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
- Electronic variable speed control trigger and motor brake for precise starting and stopping



Technical data

Rated voltage	14.4 V
Rotation speed (setting)	1000 rpm (1); 1500 rpm (2); 2300 rpm (3);
Max. torque (setting)¹⁾	65 Nm (1); 115 Nm (2); 160 Nm (3);
Full hammering frequency	3400 impacts/minute
Weight according to EPTA Procedure 01/2003	1.3 kg
Dimensions (LxWxH)	154 x 81 x 228 mm
Tool chuck type	1/2" in square

¹⁾ Do not use the tool for applications where an exact torque or maximum torque is specified - there is a risk of over-tightening and damaging the screw or workpiece.



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Package contents

	Battery	Charger	Inserts	Item Number
SIW 14-A Body	N/A	N/A	N/A	2006066
	2 X 1.6AH BATTERY	STANDARD CHARGER 4/36-90 230V		3485630
	2 X 3.3AH BATTERY	STANDARD CHARGER 4/36-90 230V		3485631

Tool guide for bolting by ISO thread

ISO Metric thread	M6	M8	M10	M12	M14	M16	M18	M20	M22	M24
Wrench size (mm)	10	13	17	19	22	24	27	30	32	36
SIW 14-A / SIW 22-A	■	■	■	■	■	■	■	■	■	■
SIW 22T-A				■	■	■	■	■	■	■

Tool guide by Anchor Ø

HUS Ø	6	8	10	14
Wrench size (mm)		13	15	21
SIW 14-A / SIW 22-A / SID 14-A / SID 22-A	■			
SIW 22T-A		■	■	■

Please visit Hilti website for the latest item numbers and related products

Related products on page

Inserts 48, 80-81

Cordless lamp SFL 14-A



APPLICATIONS

- Providing illumination in dark environments

ADVANTAGES

- Rugged, simple design - easy to use and carry, takes up little space in a toolbox
- Energy-efficient LED technology for extra-long battery life and bright, even light
- "Parking" position protects the lens during transportation and storage



Technical data	
LED lamp power	3 W
Light output	190 lm
Beam angle	28.1 °



Package contents

Ordering designation	
1x Cordless lamp SFL 14-A Body only	426115 ¹⁾

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

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Related products on page

Inserts 48

Accessories for 14V Li-ion platform

Ordering designation		SFC 14-A	SF 14-A	SFH 14-A	SIW 14-A	SFL 14-A	Sales pack quantity	Item number
Battery quick charger C 4/36-350 110V		■	■	■	■	■	1 pc	2028877
Battery quick charger C 4/36-350 230V		■	■	■	■	■	1 pc	2028876
Battery standard charger C 4/36-90 110V		■	■	■	■	■	1 pc	2015763
Battery standard charger C 4/36-90 230V		■	■	■	■	■	1 pc	2015762
Battery car charger C 4/36-DC		■	■	■	■	■	1 pc	2119234
Battery pack B 14/1.6 Li-Ion		■	■	■	■	■	1 pc	426174
Battery pack B 14/3.3 Li-Ion		■	■	■	■	■	1 pc	426175
Torsion Bit-Set S-BSC UNI 50/2" T (6) PH2; PH3; PZ2; TX25; TX30; TX40		■	■	■			1 pc	2057803
Torsion Bit-Set S-BSC+ UNI 25/1" T (10) Bit holder; PH1; PH2; PH3; PZ1; PZ2; PZ3; TX25; TX30; TX40		■	■	■			1 pc	2039186
Diamond Bit-Set S-BSC+ UNI 25/1" T-D (10) Bit holder; PH1; 3x PH2; PH3; PZ1; 2x PZ2; PZ3		■	■	■			1 pc	2039183
Bit-Set S-BSP+ 25/1" (35) steel Bit holder; TX10; TX15; 3x TX20; 3x TX25; 2x TX30; 2x TX40; 2x PH1; 5x PH2; 2x PH3; 2x PZ1; 5x PZ2; 2x PZ3; NS8; NS10; NS12; NS3/8; NS13		■	■	■			1 pc	2039199
Torsion Driver Bit S-B PH2 50/2" T (5)		■	■	■			5 pc	2039079
Diamond Driver Bit S-B PH2 25/1" T-D (10)		■	■	■			10 pc	2039038 ¹⁾
Torsion Double Bit S-DB PH2 65 T (5)		■	■	■			5 pc	2039146
Torsion Double Bit S-DB PH2 110 T (5)		■	■	■			5 pc	2039149
Long Bit S-SY PH2 166/6 1/2" (5)		■	■	■			5 pc	2039153 ¹⁾
Bit Holder S-BH RC 50/2"		■	■	■			1 pc	2039219 ¹⁾
Nut setting socket S-NSD 7		■	■	■			1 pc	2039243 ¹⁾
Nut setting socket S-NSD 8		■	■	■			1 pc	2039244
Nut setting socket S-NSD 10		■	■	■			1 pc	2039245
Nut setting socket S-NSD 3/8"		■	■	■			1 pc	2039250 ¹⁾
Belt hook compact		■	■	■	■		1 pc	2012703

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

Please visit Hilti website for the latest item numbers and related products

Cordless compact drill driver SFC 22-A



APPLICATIONS

- Driving wood screws up to 8 mm diameter
- Driving screws up to 4.8 mm diameter in steel
- Drilling in wood with auger bits up to 26 mm diameter
- Drilling in steel with bits up to 10 mm diameter
- Hole sawing in diameters up to 82 mm
- Hole saws up to 68 mm diameter

ADVANTAGES

- Very compact design for best-possible access in tight corners
- Ergonomically designed grip for maximum working comfort
- High, precisely controllable drilling and screwdriving speed up to 1,800 /min.

Technical data

Rated voltage	21.6 V
Rotation speed	Gear 1: 600 rpm; Gear 2: 1800 rpm
Max. torque	28 Nm (soft joint), 55 Nm (hard joint)
Torque range (adjustable)	2 - 10 Nm
Chuck clamping range	2 - 13 mm
Weight according to EPTA Procedure 01/2003	1.7 kg
Dimensions (LxWxH)	202 x 92 x 234 mm
Tool chuck type	3-jaw chuck, 1.5 - 13 mm

2 YEAR WARRANTY

3 YEAR REPAIR WARRANTY

3 YEAR REPAIR WARRANTY

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Package contents

	Battery	Charger	Inserts HSS Co	Item Number
SFC 22-A Body	N/A	N/A	3MM MP10	3553381
			6MM MP10	3553382
			6.5MM MP10	3579348
			1 - 13MM Kit	3579349
	2 X 2.6AH BATTERY	STANDARD CHARGER 4/36-90 230V	3MM MP10	3553383
			6MM MP10	3553384
			6.5MM MP10	3579350
			1 - 13MM Kit	3579352
	2 X 2.6AH BATTERY	QUICK CHARGER 4/36-350 230V	3MM MP10	3553385
			6MM MP10	3553386
			6.5MM MP10	3579351
			1 - 13MM Kit	3579129
	2 X 5.2AH BATTERY	STANDARD CHARGER 4/36-90 230V	3MM MP10	3570847
			6MM MP10	3570848
			6.5MM MP10	3579130
			1 - 13MM Kit	3579132
2 X 5.2AH BATTERY	QUICK CHARGER 4/36-350 230V	3MM MP10	3570849	
		6MM MP10	3570850	
		6.5MM MP10	3579131	
		1 - 13MM Kit	3579353	

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Related products on page

Inserts 66-67, 75-79

Cordless drill driver SF 6-A22 **NEW**



APPLICATIONS

- Driving heavy-gauge wood screws
- Drilling with auger and spade bits up to 32 mm diameter in wood
- Fast drilling with high torque in diameters up to 13 mm in metal
- Cutting recesses and through-holes with hole saws up to 125 mm diameter

ADVANTAGES

- Outstanding performance-to-size ratio
- Hilti's exclusive Active Torque Control provides additional protection from tool over-rotation when bits stick
- The "intelligent" electronic clutch provides different operating modes for various applications
- Top speed of 1600 rpm for fast drilling



Fleet Management



Technical data

Rated voltage	21.6 V
Rotation speed	Gear 1: 480 rpm; Gear 2: 1600 rpm
Max. torque	50 Nm (soft joint), 80 Nm (hard joint)
Torque range (adjustable)	3 - 40 Nm
Chuck clamping range	2 - 13 mm
Weight according to EPTA Procedure 01/2003	2 kg
Dimensions (LxWxH)	206 x 92 x 210 mm
Tool chuck type	3-jaw chuck, 1.5 - 13 mm



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Package contents

	Battery	Charger	Inserts HSS Co	Item Number
SF 6-A22 Body	N/A	N/A	3MM MP10	3570851
			6MM MP10	3570852
			6.5MM MP10	3579354
			1 - 13MM Kit	3579355
	2 X 2.6AH BATTERY	STANDARD CHARGER 4/36-90 230V	3MM MP10	3570943
			6MM MP10	3570944
			6.5MM MP10	3579356
			1 - 13MM Kit	3579358
	2 X 2.6AH BATTERY	QUICK CHARGER 4/36-350 230V	3MM MP10	3570945
			6MM MP10	3570946
			6.5MM MP10	3579357
			1 - 13MM Kit	3579359
	2 X 5.2AH BATTERY	STANDARD CHARGER 4/36-90 230V	3MM MP10	3573526
			6MM MP10	3573527
6.5MM MP10			3579360	
1 - 13MM Kit			3579362	
2 X 5.2AH BATTERY	QUICK CHARGER 4/36-350 230V	3MM MP10	3573528	
		6MM MP10	3573529	
		6.5MM MP10	3579361	
		1 - 13MM Kit	3579363	

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Related products on page

Inserts 66-67, 75-79

Cordless hammer drill driver SF 6H-A22 NEW



APPLICATIONS

- Driving screws for plastic anchors up to 14 mm diameter
- Fast drilling with high torque in diameters up to 13 mm in metal
- Cutting recesses and through-holes with holes saws up to 125 mm diameter
- Hammer drilling in diameters up to 14 mm in brick, masonry, sand-lime block and 8 mm in concrete

ADVANTAGES

- Outstanding performance-to-size ratio
- Hilti's exclusive Active Torque Control provides additional protection from tool over-rotation when bits stick
- The "intelligent" electronic clutch provides different operating modes for various applications
- Top speed of 1600 rpm for fast drilling plus high hammer drilling speed

Technical data

Rated voltage	21.6 V
Rotation speed	Gear 1: 480 rpm; Gear 2: 1600 rpm
Max. torque	50 Nm (soft joint), 80 Nm (hard joint)
Full hammering frequency	28800 impacts/minute
Torque range (adjustable)	3 - 40 Nm
Chuck clamping range	2 - 13 mm
Weight according to EPTA Procedure 01/2003	2 kg
Dimensions (LxWxH)	212 x 92 x 210 mm
Tool chuck type	3-jaw chuck, 1.5 - 13 mm



Package contents

	Battery	Charger	Inserts HSS Co	Item Number
SF 6H-A22 Body	N/A	N/A	3MM MP10	3570951
			6MM MP10	3570952
			6.5MM MP10	3579364
			1 - 13MM Kit	3579365
	2 X 2.6AH BATTERY	STANDARD CHARGER 4/36-90 230V	3MM MP10	3570953
			6MM MP10	3570954
			6.5MM MP10	3579366
			1 - 13MM Kit	3579368
	2 X 2.6AH BATTERY	QUICK CHARGER 4/36-350 230V	3MM MP10	3570955
			6MM MP10	3570956
			6.5MM MP10	3579367
			1 - 13MM Kit	3579369
	2 X 5.2AH BATTERY	STANDARD CHARGER 4/36-90 230V	3MM MP10	3573604
			6MM MP10	3573605
			6.5MM MP10	3579370
			1 - 13MM Kit	3579372
2 X 5.2AH BATTERY	QUICK CHARGER 4/36-350 230V	3MM MP10	3573606	
		6MM MP10	3573607	
		6.5MM MP10	3579371	
		1 - 13MM Kit	3579373	

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Related products on page

Inserts 66-67, 75-79

Customer Hotline: Hong Kong 8228 8118, Macau 00800 8228 8118 Email: hksales@hilti.com

Cordless impact screwdriver SID 4-A22 **NEW**



APPLICATIONS

- Driving self-drilling and self-tapping screws up to 4.8 mm diameter in steel
- Driving Spax screws up to 8 mm diameter in wood
- Driving 6 mm diameter HUS screw anchors in masonry and concrete

ADVANTAGES

- Brushless motor for long life and more work per charge
- 3 Gears and electronic speed control for easy switching between different driving speeds
- Compact design allows easy use in tight corners and wherever space is limited
- Perfect balance and low weight



Fleet Management

Technical data

Rated voltage	21.6 V
Rotation speed (setting)	1000 rpm (1); 1500 rpm (2); 2700 rpm (3)
Max. torque (setting)¹⁾	60 Nm (1); 110 Nm (2); 194 Nm (3)
Full hammering frequency	3500 impacts/minute
Weight according to EPTA Procedure 01/2003	1.4 kg
Dimensions (LxWxH)	147 x 93 x 224 mm
Tool chuck type	1/4" in hexagonal

¹⁾ Do not use the tool for applications where an exact torque or maximum torque is specified - there is a risk of over-tightening and damaging the screw or workpiece.



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Package contents

	Battery	Charger	Inserts	Item Number
SID 4-A22 Body	N/A	N/A	N/A	2137090
	2 X 2.6AH BATTERY	STANDARD CHARGER 4/36-90 230V	Bit Set S-BSC UNI 50/2" T (6)	3579380
			N/A	3558533
		QUICK CHARGER 4/36-350 230V	Bit Set S-BSC UNI 50/2" T (6)	3579381
			N/A	3558534
	2 X 5.2AH BATTERY	STANDARD CHARGER 4/36-90 230V	Bit Set S-BSC UNI 50/2" T (6)	3579382
			N/A	3570392
		QUICK CHARGER 4/36-350 230V	Bit Set S-BSC UNI 50/2" T (6)	3579383
			N/A	3571043
			Bit Set S-BSC UNI 50/2" T (6)	3579384

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Related products on page

Inserts 66-67

Cordless impact wrench SIW 22-A 1/2"



2

APPLICATIONS

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

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

Rated voltage	21.6 V
Rotation speed (setting)	1000 rpm (1); 1500 rpm (2); 2300 rpm (3);
Max. torque (setting)¹⁾	90 Nm (1); 135 Nm (2); 200 Nm (3);
Full hammering frequency	3500 impacts/minute
Weight according to EPTA Procedure 01/2003	1.5 kg
Dimensions (LxWxH)	154 x 94 x 228 mm
Tool chuck type	1/2" in square

¹⁾ Do not use the tool for applications where an exact torque or maximum torque is specified - there is a risk of over-tightening and damaging the screw or workpiece.



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Package contents

	Battery	Charger	Inserts	Item Number
SIW 22-A Body	N/A	N/A	N/A	2006075
	2 X 2.6AH BATTERY	STANDARD CHARGER 4/36-90 230V		3553411
		QUICK CHARGER 4/36-350 230V		3553412
	2 X 5.2AH BATTERY	STANDARD CHARGER 4/36-90 230V		3570964
QUICK CHARGER 4/36-350 230V		3570965		

Tool guide for bolting by ISO thread

ISO Metric thread	M6	M8	M10	M12	M14	M16	M18	M20	M22	M24
Wrench size (mm)	10	13	17	19	22	24	27	30	32	36
SIW 14-A / SIW 22-A	■	■	■	■	■	■	■	■	■	■
SIW 22T-A				■	■	■	■	■	■	■

Tool guide by Anchor Ø

HUS Ø	6	8	10	14
Wrench size (mm)		13	15	21
SIW 14-A / SIW 22-A / SID 14-A / SID 22-A	■			
SIW 22T-A		■	■	■

Please visit Hilti website for the latest item numbers and related products

Related products on page

Inserts 66-67, 80-81

Cordless impact wrench SIW 22T-A 1/2"



APPLICATIONS

- Machine screws, nuts and bolts from M12 to M24
- Driving HUS screw anchors 8 mm to 14 mm in diameter in concrete
- Assembling steel profiles, timber or pre-cast concrete components
- Installing HCA coil anchors and HRD frame anchors
- Driving screws in HRD frame anchors 10 mm to 14 mm in diameter in masonry and concrete
- Driving lag bolts and particle board screws up to 12 mm in diameter in wood

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



Fleet Management



product design award 2010



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Technical data

Rated voltage	21.6 V
Rotation speed (setting)	2000 rpm (1);
Max. torque (setting) ¹⁾	450 Nm (1);
Full hammering frequency	2500 impacts/minute
Weight according to EPTA Procedure 01/2003	3 kg
Dimensions (LxWxH)	232 x 94 x 258 mm
Tool chuck type	1/2" in square

¹⁾ Do not use the tool for applications where an exact torque or maximum torque is specified - there is a risk of over-tightening and damaging the screw or workpiece.



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Package contents

	Battery	Charger	Inserts	Item Number
SIW 22T-A 1/2" Body	N/A	N/A	N/A	409459
	2 X 2.6AH BATTERY	STANDARD CHARGER 4/36-90 230V		3553413
		QUICK CHARGER 4/36-350 230V		3553414
	2 X 5.2AH BATTERY	STANDARD CHARGER 4/36-90 230V		3570968
QUICK CHARGER 4/36-350 230V		3570969		

Tool guide for bolting by ISO thread

ISO Metric thread	M6	M8	M10	M12	M14	M16	M18	M20	M22	M24
Wrench size (mm)	10	13	17	19	22	24	27	30	32	36
SIW 14-A / SIW 22-A	■	■	■	■	■	■	■	■	■	■
SIW 22T-A				■	■	■	■	■	■	■

Tool guide by Anchor Ø

HUS Ø	6	8	10	14
Wrench size (mm)		13	15	21
SIW 14-A / SIW 22-A / SID 14-A / SID 22-A	■			
SIW 22T-A			■	■

Please visit Hilti website for the latest item numbers and related products

Related products on page

Inserts 66-67, 80-81

Cordless impact wrench SIW 22T-A 3/4" NEW



2

APPLICATIONS

- Tightening and releasing nuts and bolts from M12 to M24
- Driving HUS screw anchors 8 mm to 14 mm in diameter in concrete
- Assembling steel profiles, timber or pre-cast concrete components
- Installing HCA coil anchors and HRD frame anchors
- Driving screws in HRD frame anchors 10 mm to 14 mm in diameter in masonry and concrete
- Driving lag bolts and particle board screws up to 12 mm in diameter in wood

ADVANTAGES

- 3/4" square drive with through-hole for solidity and secure socket retention
- Rubber cap for comfortable handling and protection of the working surface
- No kick-back thanks to tangential impact: much less tiring to use

Technical data

Rated voltage	21.6 V
Rotation speed (setting)	2000 rpm (1)
Max. torque (setting)¹⁾	450 Nm (1)
Full hammering frequency	2500 impacts/minute
Weight according to EPTA Procedure 01/2003	3.2 kg
Dimensions (LxWxH)	251 x 94 x 258 mm
Tool chuck type	3/4" in square

¹⁾ Do not use the tool for applications where an exact torque or maximum torque is specified - there is a risk of over-tightening and damaging the screw or workpiece.



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Package contents

	Battery	Charger	Inserts	Item Number
SIW 22T-A 3/4" Body	N/A	N/A	N/A	2069468
	2 X 2.6AH BATTERY	STANDARD CHARGER 4/36-90 230V		3579163
		QUICK CHARGER 4/36-350 230V		3579062
	2 X 5.2AH BATTERY	STANDARD CHARGER 4/36-90 230V		3579165
QUICK CHARGER 4/36-350 230V		3579164		

Tool guide for bolting by ISO thread

ISO Metric thread	M6	M8	M10	M12	M14	M16	M18	M20	M22	M24
Wrench size (mm)	10	13	17	19	22	24	27	30	32	36
SIW 14-A / SIW 22-A	■	■	■	■	■	■	■	■	■	■
SIW 22T-A				■	■	■	■	■	■	■

Tool guide by Anchor Ø

HUS Ø	6	8	10	14
Wrench size (mm)			15	21
SIW 14-A / SIW 22-A / SID 14-A / SID 22-A	■			
SIW 22T-A		■	■	■

Please visit Hilti website for the latest item numbers and related products

Related products on page

Inserts 66-67, 80-81

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



Fleet Management



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SDS plus



with TE-DRS-S

Technical data

Rated voltage	21.6 V
Hammer drill bits (optimum diameter range)	4 - 12 mm
Drilling diameter range for hammer drill bits	4 - 16 mm
Rotation speed Gear 1 under no load	1090 rpm
Full hammering frequency	5040 impacts/minute
Single impact energy	1.5 J
Triaxial vibration value for hammer drilling into concrete (ah,HD) ¹⁾	15 m/s ²
Weight according to EPTA Procedure 01/2003	2.7 kg
Dimensions (LxWxH)	322 x 94 x 238 mm
Working mode	Hammer drilling, Drilling only

¹⁾ according to EN 60745-2-6



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Package contents

	Battery	Charger	Inserts TE CX	Item Number	
TE 2-A22 Body	N/A	N/A	6/17 MP8	3552496	
			8/17 MP8	3552497	
	2 X 2.6AH BATTERY	STANDARD CHARGER 4/36-90 230V	10/17 MP8	3552498	
			12/17 MP8	3552499	
			M1 pack	3568223	
			6/17 MP8	3552504	
			8/17 MP8	3552505	
			10/17 MP8	3552506	
			12/17 MP8	3552507	
			M1 pack	3571447	
			QUICK CHARGER 4/36-350 230V	6/17 MP8	3552500
				8/17 MP8	3552501
			10/17 MP8	3552502	
			12/17 MP8	3552503	
		M1 pack	3571048		

Please visit Hilti website for the latest item numbers and related products

Related products on page

Inserts 66-67, 82-86

Cordless rotary hammer TE 4-A22



2

APPLICATIONS

- Drilling anchor holes and small openings in concrete, stone and masonry: maximum diameter range 5-16 mm; recommended diameter range 4-12 mm;
- Occasional drilling in wood, steel and plastics using a special chuck adapter
- Screwdriving using the TE-C (SDS Plus) special bit holder

ADVANTAGES

- Virtually dustless drilling with the DRS 4-A dust removal system
- Ideal for overhead use
- Electropneumatic hammering mechanism for longest lifetime
- Compatible with the 22 volt platform
- Low system weight thanks to Li-ion technology
- First-class performance-to-weight ratio

Technical data

Rated voltage	21.6 V
Hammer drill bits (optimum diameter range)	4 - 12 mm
Drilling diameter range for hammer drill bits	5 - 16 mm
Rotation speed Gear 1 under no load	1090 rpm
Full hammering frequency	5200 impacts/minute
Single impact energy	2 J
Triaxial vibration value for hammer drilling into concrete (ah,HD) ¹⁾	11 m/s ²
Weight according to EPTA Procedure 01/2003	3.3 kg
Dimensions (LxWxH)	324 x 94 x 201 mm
Working mode	Hammer drilling, Drilling only

¹⁾ according to EN 60745-2-6



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Package contents

	Battery	Charger	Inserts TE CX	Item Number
TE 4-A22 Body	N/A	N/A	6/17 MP8	3552508
			8/17 MP8	3552509
			10/17 MP8	3552510
			12/17 MP8	3552511
			15/17 MP4	3568563
			M1 pack	3568564
	2 X 5.2AH BATTERY	QUICK CHARGER 4/36-350 230V	6/17 MP8	3571448
			8/17 MP8	3571449
			10/17 MP8	3571450
			12/17 MP8	3571451
			15/17 MP4	3571452
			M1 pack	3571493
		STANDARD CHARGER 4/36-90 230V	6/17 MP8	3571494
			8/17 MP8	3571495
			10/17 MP8	3571496
			12/17 MP8	3571497
			15/17 MP4	3571498
			M1 pack	3571499

Please visit Hilti website for the latest item numbers and related products

Related products on page

Inserts 66-67, 82-86

Dust removal system TE DRS-4-A



APPLICATIONS

- Dust-free drilling with TE 4-A22
- For the health and safety of the user and for clean surroundings: virtually dustless drilling in critical environments, e.g. occupied rooms, hospitals, laboratories, production lines, etc.

ADVANTAGES

- Own motor for maximum system energy efficiency
- Provides 100% suction power from the beginning
- Easy one-handed operation to attach/detach the TE DRS-4-A
- Can be fitted at any time without use of tools
- No vacuum cleaner, no additional hoses required
- All functions integrated in the module



Technical data

Rated input power	60 W
Drill bit diameter	5-16 mm
Suction performance	250L/min
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-4-A box	1x Dust removal system TE DRS-4-A	1 pc	2098487

Please visit Hilti website for the latest item numbers and related products

Related products on page

Tools 57

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
- Smooth, clean cuts in sandwich panels and corrugated sheets
- Cutting channels, pipes, conduits and profiles quickly and accurately

ADVANTAGES

- 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
- Cold cutting





 Fleet Management

Technical data

Rated voltage	21.6 V
No-load speed	3500 rpm
Blade diameter - range	160 - 165 mm
Max. cutting depth	57 mm
Arbour	20 mm
Weight according to EPTA Procedure 01/2003	4 kg
Dimensions (LxWxH)	370 x 206 x 242 mm



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Package contents

	Battery	Charger	Inserts	Item Number
SCM 22-A Body	N/A	N/A	1 x 165MM STEEL BLADE	2024449
	1 X 5.2AH BATTERY	STANDARD CHARGER 4/36-90 230V		3570829
	2 X 5.2AH BATTERY			3570830
	1 X 5.2AH BATTERY	QUICK CHARGER 4/36-350 230V		3570831
	2 X 5.2AH BATTERY			3570832

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Related products on page

Inserts 66-67, 87

Cordless circular saw for cutting wood SCW 22-A



APPLICATIONS

- General construction: cutting formwork boards, OSB, plywood, chipboard, plastics, rafters and battens
- Interior finishing: cutting drywall board, cement board, MDF and HDF
- Up to 25 metres total length of cut per battery charge in 21 mm concrete forming board

ADVANTAGES

- Impressive cutting performance for a tool of this size and weight
- Light weight of only 3.9 kg compared to 5.6 kg of competitors' corded tools - easier and less tiring to use
- Suitable for use with the Hilti guide rail
- Dust extraction

Technical data

Rated voltage	21.6 V
No-load speed	4000 rpm
Blade diameter - range	160 - 165 mm
Max. cutting depth	57 mm
Arbour	20 mm
Cutting depth at 45 degrees	42 mm
Cutting depth at 50 degrees	38 mm
Weight according to EPTA Procedure 01/2003	3.9 kg
Dimensions (LxWxH)	393 x 208 x 241 mm



Fleet Management



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with VC 20/40-U / VC 40-U-Y



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Package contents

	Battery	Charger	Inserts	Item Number
SCW 22-A Body	N/A	N/A	1 x 165MM UNIVERSAL BLADE	423165
	1 X 5.2AH BATTERY	STANDARD CHARGER 4/36-90 230V		3570822
	2 X 5.2AH BATTERY			3570833
	1 X 5.2AH BATTERY	QUICK CHARGER 4/36-350 230V		3570834
	2 X 5.2AH BATTERY			3570824

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Related products on page

Inserts 66-67, 86

Cordless circular saw for cutting wood SC 70W-A22



APPLICATIONS

- Cutting formwork boards, planks, battens, OSB, chipboard, plywood and plastics, up to 70 mm depth
- Interior finishing: cutting drywall board, cement board, MDF and HDF

ADVANTAGES

- Fast blade brake, reliable and robust pivoting guard, LED light for better visibility of the cutting line, safe power-off battery position
- Optimised dust collection
- Preselection of cutting angle: 22.5, 45 and 50 degrees
- Full guide rail compatibility - 45 and 90 degree angles

DRS
with VC 20/40-U / VC 40-U-Y

Technical data	
Rated voltage	21.6 V
No-load speed	3500 rpm
Blade diameter - range	190 mm
Max. cutting depth	70 mm
Arbour	30 mm
Cutting depth at 45 degrees	51 mm
Cutting depth at 50 degrees	45 mm
Weight according to EPTA Procedure 01/2003	4.5 kg



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Package contents

	Battery	Charger	Inserts	Item Number
SC 70W-A22 Body	N/A	N/A	1 x 190MM UNIVERSAL BLADE	2089210
	1 X 5.2AH BATTERY	STANDARD CHARGER 4/36-90 230V		3570825
	2 X 5.2AH BATTERY			3570826
	1 X 5.2AH BATTERY	QUICK CHARGER 4/36-350 230V		3570827
	2 X 5.2AH BATTERY			3570828

Please visit Hilti website for the latest item numbers and related products

Related products on page
 Inserts 66-67, 86

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 enable smooth, easy cutting
- High-performance, lightweight tool with long service life and compact design for maximum freedom of movement

Technical data

Rated voltage	21.6 V
Stroke length	28 mm
Stroke rate	3000 strokes/minute
Blade clamp	1/2" keyless
Active Vibration Reduction	Yes
Weight according to EPTA Procedure 01/2003	3.8 kg
Dimensions (LxWxH)	492 x 96 x 196 mm



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Package contents

	Battery	Charger	Inserts	Item Number
WSR 22-A Body	N/A	N/A	UD 15 1014 BLADE MP5	3553422
	1 X 5.2AH BATTERY	STANDARD CHARGER 4/36-90 230V		3570814
		QUICK CHARGER 4/36-350 230V		3570815
	2 X 5.2AH BATTERY	STANDARD CHARGER 4/36-90 230V		3570816
QUICK CHARGER 4/36-350 230V		3570817		

Please visit Hilti website for the latest item numbers and related products

Related products on page

Inserts 66-67, 88-89

Cordless 5" angle grinder AG 125-A22



APPLICATIONS

- Cutting and grinding steel and other metals
- Finishing
- Deburring and polishing metal
- Demolition
- Cutting and grinding mineral materials
- Cutting tiles using a continuous rim diamond disc

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 optimised for use with this tool

Technical data

Rated voltage	21.6 V
Disc diameter	125 mm
Max. cutting depth	34 mm
No-load speed	9500 rpm
Dimensions (LxWxH)	351 x 93 x 131 mm
Weight according to EPTA Procedure 01/2003	2.7 kg
Active torque control	Yes

1
YEAR
NO COST WARRANTY

3
YEAR
REPAIR WARRANTY

3
YEAR
CUT-OFF REPAIR SERVICE

Fleet Management

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ATG
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DRS

with VC 20/40-U / VC 40-U-Y and DC-EX 125/5" C / DG-EX 125/5" (Only for concrete slitting or grinding)

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Package contents

	Battery	Charger	Inserts	Item Number	
AG 125-A22 Body	N/A	N/A	CUTTING DISC AC-D 5" SP MP25	3545971	
	1 X 5.2AH BATTERY	STANDARD CHARGER 4/36-90 230V		3570818	
		QUICK CHARGER 4/36-350 230V		3570820	
	2 X 5.2AH BATTERY	STANDARD CHARGER 4/36-90 230V		3570819	
QUICK CHARGER 4/36-350 230V		3570821			

Please visit Hilti website for the latest item numbers and related products

Related products on page
 Inserts 66-67, 90

Cordless band saw SB 4-A22 **NEW**



APPLICATIONS

- Cutting metal installation channels and pipes with reduced sparking and low noise
- Cutting plastic pipes
- Cutting threaded rods

ADVANTAGES

- Cutting with low noise and low debris
- Cold cutting and precise cutting
- Impact-resistant, glass-fibre-reinforced tool and battery casings
- Built-in LED lamp for a shadow-free view of the cutting line
- Compatible with 733 x 12.7 x 0.5 mm band saw blades



Fleet Management

Technical data

Rated voltage	21.6 V
No-load speed	167 rpm
Max. cutting depth	64 mm
Weight according to EPTA Procedure 01/2003	4 kg
Dimensions (LxWxH)	351 x 248 x 217 mm



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Package contents

	Battery	Charger	Inserts	Item Number
SB 4-A22 Body	N/A	N/A	3 x TPI 10/14 SAW BLADE	3579385
	1 X 5.2AH BATTERY	STANDARD CHARGER 4/36-90 230V		3579386
	2 X 5.2AH BATTERY			3579387
	1 X 5.2AH BATTERY	QUICK CHARGER 4/36-350 230V		3579388
	2 X 5.2AH BATTERY			3579389

Please visit Hilti website for the latest item numbers and related products

Related products on page

Inserts 66-67, 87

Cordless task light SL 2-A22 NEW



2

APPLICATIONS

- Illumination of unlit and poorly lit work areas
- Inspection of painted and other finished surfaces

ADVANTAGES

- LED panel provides a light output of 500 lumens while staying cool to the touch
- Natural white light clearly illuminates dark work areas with high color accuracy
- Up to 3 working days of light on a single battery charge

Technical data

Rated voltage	21.6 V
LED lamp power	7.2 W
Lumens	500 lm




























Ordering designation	Sales pack quantity	Item number
SL 2-A22 box	1 pc	2163832

Please visit Hilti website for the latest item numbers and related products

Related products on page	
Inserts	66-67

Accessories for 22V Li-ion platform

Ordering designation	SFC 22-A	SF 6-A22	SF 6H-A22	SID 4-A22	SIW 22-A	SIW 22T-A	TE 2-A22	TE 4-A22	SCM 22-A	SCW 22-A	SC 70W-A22	WSR 22-A	AG 125-A22	SB 4-A22	Sales pack quantity	Item number
Battery quick charger C 4/36-350 110V 	■	■	■	■	■	■	■	■	■	■	■	■	■	■	1 pc	2028877
Battery quick charger C 4/36-350 230V 	■	■	■	■	■	■	■	■	■	■	■	■	■	■	1 pc	2028876
Battery standard charger C 4/36-90 110V 	■	■	■	■	■	■	■	■	■	■	■	■	■	■	1 pc	2015763
Battery standard charger C 4/36-90 230V 	■	■	■	■	■	■	■	■	■	■	■	■	■	■	1 pc	2015762
Battery car charger C 4/36-DC 	■	■	■	■	■	■	■	■	■	■	■	■	■	■	1 pc	2119234
Battery pack B 22/2.6 Li-Ion 	■	■	■	■	■	■									1 pc	2110532
Battery pack B 22/5.2 Li-Ion 	■	■	■	■	■	■	■	■	■	■	■	■	■	■	1 pc	2136396
Torsion Bit-Set S-BSC UNI 50/2" T (6) PH2; PH3; PZ2; TX25; TX30; TX40 	■	■	■	■											1 pc	2057803
Torsion Bit-Set S-BSC+ UNI 25/1" T (10) Bit holder; PH1; PH2; PH3; PZ1; PZ2; PZ3; TX25; TX30; TX40 	■	■	■	■											1 pc	2039186
Diamond Bit-Set S-BSC+ UNI 25/1" T-D (10) Bit holder; PH1; 3x PH2; PH3; PZ1; 2x PZ2; PZ3 	■	■	■	■											1 pc	2039183
Bit-Set S-BSP+ 25/1" (35) steel Bit holder; TX10; TX15; 3x TX20; 3x TX25; 2x TX30; 2x TX40; 2x PH1; 5x PH2; 2x PH3; 2x PZ1; 5x PZ2; 2x PZ3; NS8; NS10; NS12; NS3/8; NS13 	■	■	■	■											1 pc	2039199
Torsion Driver Bit S-B PH2 50/2" T (5) 	■	■	■	■											5 pc	2039079
Diamond Driver Bit S-B PH2 25/1" T-D (10) 	■	■	■	■											10 pc	2039038 ¹⁾
Torsion Double Bit S-DB PH2 65 T (5) 	■	■	■	■											5 pc	2039146
Torsion Double Bit S-DB PH2 110 T (5) 	■	■	■	■											5 pc	2039149
Long Bit S-SY PH2 166/6 1/2" (5) 	■	■	■	■											5 pc	2039153 ¹⁾
Bit Holder S-BH RC 50/2" 	■	■	■	■											1 pc	2039219 ¹⁾
Nut setting socket S-NSD 7 	■	■	■	■											1 pc	2039243 ¹⁾
Nut setting socket S-NSD 8 	■	■	■	■											1 pc	2039244
Nut setting socket S-NSD 10 	■	■	■	■											1 pc	2039245
Nut setting socket S-NSD 3/8" 	■	■	■	■											1 pc	2039250 ¹⁾
Belt hook compact 	■	■	■	■	■										1 pc	2012703
Quick-release chuck 13 (with TE-C BFH) 							■	■							1 pc	60208
Chuck spindle TE-C-BFH 							■	■							1 pc	60459
Bit holder S-BH QC 75 SDS 							■	■							1 pc	2039218

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

Please visit Hilti website for the latest item numbers and related products

Accessories for 22V Li-ion platform



Ordering designation	SFC 22-A	SF 6-A22	SF 6H-A22	SID 4-A22	SIW 22-A	SIW 22T-A	TE 2-A22	TE 4-A22	SCM 22-A	SCW 22-A	SC 70W-A22	WSF 22-A	AG 125-A22	SB 4-A22	Sales pack quantity	Item number
Dust extr. hood (grinding) DG-EX 125/5" 													■		1 pc	267719
Dust extr. hood (cutting) DC-EX 125/5"C 													■		1 pc	284978
Side handle 													■		1 pc	282140 ¹⁾
Nut M14 													■		1 pc	435770 ¹⁾
Kwik lock nut 													■		1 pc	2149274 ¹⁾
Flange M14 													■		1 pc	2009990 ¹⁾
Protective cover 													■		1 pc	341429 ¹⁾
Clip-on front cover 													■		1 pc	2103510 ¹⁾
Dust removal system TE DRS-4-A 								■							1 pc	2098487
Dust removal system TE-DRS-S 							■								1 pc	340602
Blade guard 													■		1 pc	2149569
Rafter holder 													■		1 pc	2162085

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

Please visit Hilti website for the latest item numbers and related products

Cordless rotary hammer TE 6-A36 **NEW**



APPLICATIONS

- Drilling and hammer drilling in concrete and masonry
- Occasional drilling in wood and steel with optional quick-release chuck
- Light chiselling

ADVANTAGES

- Brushless motor for exceptionally high performance and superior system efficiency
- Extremely powerful rotary hammer, designed for serial anchor drilling
- Very convenient and lightweight for superior handling
- Active Vibration Reduction (AVR) system designed to protect the user from hand-arm vibration
- Virtually dustless drilling with the DRS-6-A dust removal system

Technical data

Rated voltage	36 V
Optimum drilling diameter range for hammer drill bits	6 - 16 mm
Drilling diameter range for hammer drill bits	5 - 20 mm
Rotation speed Gear 1 under no load	1050 rpm
Full hammering frequency	5100 impacts/minute
Single impact energy	2.5 J
Triaxial vibration value for hammer drilling into concrete (ah,HD) ¹⁾	13 m/s ²
Weight according to EPTA Procedure 01/2003	3.7 kg
Dimensions (LxWxH)	367 x 92 x 201 mm
Working mode	Chisel setting, Chiselling, Drilling only, Hammer drilling

¹⁾ according to EN 60745-2-6

²⁾ according to EN 60745



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with TE DRS-6-A



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Package contents

	Battery	Charger	Inserts TE CX	Item Number
TE 6-A36 Body	N/A	N/A	10/17 MP8	3558514
			12/17 MP8	3558515
	2 X 2.6AH BATTERY	QUICK CHARGER 4/36-350 230V	15/17 MP4	3568569
			16/17 MP4	3558516
			M1 pack	3568570
			10/17 MP8	3558517
			12/17 MP8	3558518
			15/17 MP4	3568287
			16/17 MP4	3558519
			M1 pack	3568288
			10/17 MP8	3558520
			12/17 MP8	3558521
	2 X 5.2AH BATTERY	QUICK CHARGER 4/36-350 230V	15/17 MP4	3568289
			16/17 MP4	3558522
			M1 pack	3568290

Please visit Hilti website for the latest item numbers and related products

Related products on page

Inserts 69, 74, 82-86

DUST REMOVAL SYSTEM TE DRS-6-A **NEW**



APPLICATIONS

- Dust-free drilling with TE 6-A36
- For the health and safety of the user and for clean surroundings: virtually dustless drilling in critical environments, e.g. occupied rooms, hospitals, laboratories, production lines, etc

ADVANTAGES

- Own motor for maximum system energy efficiency
- Provides 100% suction power from the beginning
- Easy one-handed operation to attach/detach the TE DRS-6-A
- Can be fitted at any time without use of tools
- No vacuum cleaner, no additional hoses required
- All functions integrated in the module



Technical data

Rated input power	60 W
Drill bit diameter	5-16 mm
Suction performance	250L/min
Weight according to EPTA Procedure 01/2003	1 kg
Dimensions (LxWxH)	345 x 89 x 227 mm
Depth gauge	Yes



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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	2098238

Please visit Hilti website for the latest item numbers and related products

Related products on page
Tools 68

Combihammer TE 30-A36 **NEW**



APPLICATIONS

- Drilling anchor holes and through-holes in concrete and masonry, diameter range 4-28 mm, recommended range 10-20 mm
- Drilling holes for rebar doweling, diameter range 4 - 28 mm, recommended range 10 - 20 mm
- Corrective chiselling

ADVANTAGES

- Brushless motor for exceptionally high performance and superior system efficiency
- High-capacity battery and powerful charger for short charging times, allowing for a full day's work with one battery
- The unique ATC (Active Torque Control) system stops the motor almost instantly if the bit binds and the tool begins to rotate too quickly, reducing the potential of sudden rotation of the combihammer about its own axis
- Very low vibration thanks to AVR (Active Vibration Reduction)



Fleet Management SDS plus

AVR ATC **DRS**
with VC 20/40-U / VC 40-U-Y and TE-CD or TE DRS-S

Technical data

Rated voltage	36 V
Optimum drilling diameter range for hammer drill bits	10 - 20 mm
Drilling diameter range for hammer drill bits	4 - 28 mm
Rotation speed Gear 1 under no load	850 rpm
Full hammering frequency	4500 impacts/minute
Single impact energy	3.6 J
Triaxial vibration value for hammer drilling into concrete (ah,HD) ¹⁾	10.6 m/s ²
Active Torque Control	Yes
Dimensions (LxWxH)	418 x 111 x 219 mm
Weight according to EPTA Procedure 01/2003	5.1 kg
A-weighted emission sound power level ²⁾	99 dB (A)
Working Mode	Chisel setting, chiselling, drilling only, hammer drilling

¹⁾ according to EN 60745-2-6

²⁾ according to EN 60745



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Package contents

	Battery	Charger	Inserts TE CX	Item Number
TE 30-A36 G3 Body	N/A	N/A	12/17 MP8	3571509
			15/17 MP4	3571510
	2 X 5.2AH BATTERY	QUICK CHARGER 4/36-350 230V	16/17 MP4	3571511
			20/22 MP2	3571512
			12/17 MP8	3571513
			15/17 MP4	3571514
			16/17 MP4	3571515
			20/22 MP2	3571516

Please visit Hilti website for the latest item numbers and related products

Related products on page

Inserts 74, 82-86

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
- Electronic stroke rate preselection with 6 settings for optimum cutting performance in all materials and to ease the load on the battery
- Up to three times more cuts per charge thanks to the efficient Hilti Gearing system
- Greater performance and versatility: up to 32 mm stroke length

Technical data

Rated voltage	36 V
Stroke length	32 mm
Stroke rate	2850 strokes/minute
Blade clamp	1/2" keyless
Active Vibration Reduction	Yes
Orbital action	No
Weight according to EPTA Procedure 01/2003	4.4 kg
Dimensions (LxWxH)	440 x 92 x 224 mm



Order Now



Package contents

	Battery	Charger	Inserts	Item Number
WSR 36-A Body	N/A	N/A	UD 15 1014 BLADE MP5	3558252
	1 X 2.6AH BATTERY	QUICK CHARGER 4/36-350 230V		3558543
	1 X 5.2AH BATTERY			3558544
	2 X 2.6AH BATTERY			3558545
	2 X 5.2AH BATTERY			3558546

Please visit Hilti website for the latest item numbers and related products

Related products on page

Inserts 74, 88-89

Cordless 5" angle grinder AG 125-A36 **NEW**



APPLICATIONS

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

ADVANTAGES

- Outstanding ergonomic design and superior safety features (disc brake, ATC, automatic off)
- Class-leading performance and battery capacity
- Perfect balance and low weight make the tool less tiring and more flexible to use
- Powerful and robust 36V CPC battery for high performance and long life
- Active Torque Control (ATC) technology minimises undesirable kick-back



ATC

Fleet Management



DRS

with VC 20/40-U / VC 40-U-Y and
and DC-EX 125/5" C / DG-EX 125/5"
(Only for concrete slitting or grinding)

Technical data

Rated voltage	36 V
Disc diameter	125 mm
Max. cutting depth	34 mm
No-load speed	9500 rpm
Dimensions (LxWxH)	415 x 93 x 165 mm
Weight according to EPTA Procedure 01/2003	3.45 kg



Order Now



Package contents

	Battery	Charger	Inserts	Item Number
AG 125-A36 Body	N/A	N/A	CUTTING DISC AC-D 5" SP MP25	3558247
	1 X 2.6AH BATTERY	QUICK CHARGER 4/36-350 230V		3558250
	2 X 2.6AH BATTERY			3558248
	1 X 5.2AH BATTERY			3558251
	2 X 5.2AH BATTERY			3558249

Please visit Hilti website for the latest item numbers and related products

Related products on page

Inserts 74, 90

Cordless lamp SFL 36-A



APPLICATIONS

- Providing illumination in dark environments

ADVANTAGES

- Rugged, simple design - easy to use and carry, takes up little space in a toolbox
- Energy-efficient LED technology for extra-long battery life and bright, even light
- "Parking" position protects the lens during transportation and storage

Technical data	
Battery type	Li-ion
LED lamp power	3 W
Light output	190 lm
Beam angle	28.1°



Order Now

Package contents

Tool Body	
1x Cordless lamp SFL 36-A Body	2026734

Please visit Hilti website for the latest item numbers and related products

Related products on page

Inserts 74

Accessories for 36V Li-ion platform

		TE 6-A36	TE 30-A36	WSR 36-A	AG 125-A36		
Ordering designation						Sales pack quantity	Item number
Battery quick charger C 4/36-350 110V		■	■	■	■	1 pc	2028877
Battery quick charger C 4/36-350 230V		■	■	■	■	1 pc	2028876
Battery standard charger C 4/36-90 110V		■	■	■	■	1 pc	2015763
Battery standard charger C 4/36-90 230V		■	■	■	■	1 pc	2015762
Battery car charger C 4/36-DC		■	■	■	■	1 pc	2119234
Battery pack B 36/2.6 Li-Ion		■	■	■	■	1 pc	2098208
Battery pack B 36/5.2 Li-Ion		■	■	■	■	1 pc	2098470
Replacement chuck		■				1 pc	2123617
Replacement chuck			■			1 pc	2052753 ¹⁾
Quick release chuck		■				1 pc	2123166
Quick release chuck			■			1 pc	224119
Quick release 3 jaw chuck			■			1 pc	282341
Key type chuck		■	■			1 pc	282342 ¹⁾
Angular chuck TE-AC 2		■				1 pc	2126158
Bit holder S-BH QC 75 SDS		■	■			1 pc	2039218
Adapter for pipe cutting				■		1 pc	378888
Dust removal system TE DRS-6-A		■				1 pc	2098238
Dust removal system TE-DRS-S			■			1 pc	340602
Dust extr. hood (grinding) DG-EX 125/5"					■	1 pc	267719
Dust extr. hood (cutting) DC-EX 125/5"C					■	1 pc	284978
Side handle					■	1 pc	282140 ¹⁾
Nut M14					■	1 pc	435770 ¹⁾
Kwik lock nut					■	1 pc	2149274 ¹⁾
Flange M14					■	1 pc	2009990 ¹⁾
Protective cover					■	1 pc	341429 ¹⁾
Clip-on front cover					■	1 pc	2103510 ¹⁾

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

Please visit Hilti website for the latest item numbers and related products

HSS twist drill bits

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 2-A, SF 14-A, SFC 14-A, SFH 14-A, SF 6-A22, SFC 22-A, SF 6H-A22



Ordering designation	Diameter	Working length	Overall length	Sales pack quantity	Item number
HSS 1.0x34mm/MP10	1 mm	12 mm	34 mm	10 pc	304898
HSS 1.5x40mm/MP10	1.5 mm	18 mm	40 mm	10 pc	304899
HSS 2.0x49mm/MP10	2 mm	24 mm	49 mm	10 pc	304900
HSS 2.5x57mm/MP10	2.5 mm	30 mm	57 mm	10 pc	304902
HSS 3.0x61mm/MP10	3 mm	33 mm	61 mm	10 pc	304903
HSS 3.5x70mm/MP10	3.5 mm	39 mm	70 mm	10 pc	304908
HSS 4.0x75mm/MP10	4 mm	43 mm	75 mm	10 pc	304910
HSS 5.5x93mm/MP10	5.5 mm	57 mm	93 mm	10 pc	304920
HSS 6.0x93mm/MP10	6 mm	57 mm	93 mm	10 pc	304923
HSS 6.5x101mm/MP10	6.5 mm	63 mm	101 mm	10 pc	304924
HSS 7.0x109mm/MP10	7 mm	69 mm	109 mm	10 pc	304925
HSS 7.5x109mm/MP10	7.5 mm	69 mm	109 mm	10 pc	304926
HSS 8.0x117mm/MP10	8 mm	75 mm	117 mm	10 pc	304927
HSS 8.5x117mm/MP10	8.5 mm	75 mm	117 mm	10 pc	304928
HSS 9.0x125mm/MP10	9 mm	81 mm	125 mm	10 pc	304929
HSS 9.5x125mm/MP10	9.5 mm	81 mm	125 mm	10 pc	304930
HSS 10.0x133mm/MP10	10 mm	87 mm	133 mm	10 pc	304931
HSS 11.0x142mm/MP5	11 mm	94 mm	142 mm	5 pc	304933
HSS 12.0x151mm/MP5	12 mm	101 mm	151 mm	5 pc	304935
HSS 12.5x151mm/MP5	12.5 mm	101 mm	151 mm	5 pc	304936
HSS 13.0x151mm/MP5	13 mm	101 mm	151 mm	5 pc	304937

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

Please visit Hilti website for the latest item numbers and related products

Related products on page

Tools 38, 43-45, 49-51

HSS Cobalt twist drill bits

APPLICATIONS

- Drilling in stainless steel, high-tensile steel, high-temperature alloys, heat-treated materials

ADVANTAGES

- HSS drill made of cobalt-alloyed high-speed steel, for long life in high-strength materials
- With split point for precise drilling



Technical data	
Base material	Alloyed steel, stainless steel, hardened grades of stainless steel
Material composition	HSS M35 steel, with 5% cobalt content
Tool type	SF 2-A, SF 14-A, SFC 14-A, SFH 14-A, SF 6-A22, SFC 22-A, SF 6H-A22



Ordering designation	Diameter	Working length	Overall length	Sales pack quantity	Item number
HSS Cobalt 1.0x34mm	1 mm	12 mm	34 mm	10 pc	2071111
HSS Cobalt 1.5x40mm	1.5 mm	18 mm	40 mm	10 pc	2071112
HSS Cobalt 2.0x49mm	2 mm	24 mm	49 mm	10 pc	2071113
HSS Cobalt 2.5x57mm	2.5 mm	30 mm	57 mm	10 pc	2071116
HSS Cobalt 3.0x61mm	3 mm	33 mm	61 mm	10 pc	2071117
HSS Cobalt 4.0x75mm	4 mm	43 mm	75 mm	10 pc	2071134
HSS Cobalt 4.5x80mm	4.5 mm	43 mm	80 mm	10 pc	2071138
HSS Cobalt 5.0x86mm	5 mm	52 mm	86 mm	10 pc	2071142
HSS Cobalt 5.5x93mm	5.5 mm	57 mm	93 mm	10 pc	2071148
HSS Cobalt 6.0x93mm	6 mm	57 mm	93 mm	10 pc	2071154
HSS Cobalt 6.5x101mm	6.5 mm	63 mm	101 mm	10 pc	2071155
HSS Cobalt 7.5x109mm	7.5 mm	69 mm	109 mm	10 pc	2071161
HSS Cobalt 8.5x117mm	8.5 mm	75 mm	117 mm	10 pc	2071163
HSS Cobalt 9.0x125mm	9 mm	81 mm	125 mm	10 pc	2071164
HSS Cobalt 9.5x125mm	9.5 mm	81 mm	125 mm	10 pc	2071165
HSS Cobalt 10.0x133mm	10 mm	87 mm	133 mm	10 pc	2071167
HSS Cobalt 10.5x133mm	10.5 mm	87 mm	133 mm	5 pc	2071169
HSS Cobalt 11.0x142mm	11 mm	94 mm	142 mm	5 pc	2071170
HSS Cobalt 11.5x142mm	11.5 mm	94 mm	142 mm	5 pc	2071171
HSS Cobalt 12.0x151mm	12 mm	101 mm	151 mm	5 pc	2071172
HSS Cobalt 12.5x151mm	12.5 mm	101 mm	151 mm	5 pc	2071173
HSS Cobalt 13.0x151mm	13 mm	101 mm	151 mm	1 pc	2071174
HSS Cobalt 14x160mm	14 mm	108 mm	160 mm	1 pc	2071175
HSS Cobalt 15x169mm	15 mm	114 mm	169 mm	1 pc	2071176
HSS Cobalt 16x178mm	16 mm	120 mm	178 mm	1 pc	2071177

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

Please visit Hilti website for the latest item numbers and related products

Related products on page

Tools 38, 43-45, 49-51

HSS twist drill bit sets

APPLICATIONS

- Drilling in unalloyed and medium-alloyed steel

ADVANTAGES

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



Technical data

Base material	Steel, Aluminium, Carbon steel, Metal, Medium alloyed steel, Unalloyed steel
Material composition	HSS M2 steel
Tool type	SF 2-A, SF 14-A, SFC 14-A, SFH 14-A, SF 6-A22, SFC 22-A, SF 6H-A22

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Ordering designation	Package contents	Sales pack quantity	Item number
HSS 1-10 kit	1mm, 1.5mm, 2mm, 2.5mm, 3mm, 3.5mm, 4mm, 4.5mm, 5mm, 5.5mm, 6mm, 6.5mm, 7mm, 7.5mm, 8mm, 8.5mm, 9mm, 9.5mm, 10mm	1 pc	304938
HSS 1-13 kit	1mm, 1.5mm, 2mm, 2.5mm, 3mm, 3.5mm, 4mm, 4.5mm, 5mm, 5.5mm, 6mm, 6.5mm, 7mm, 7.5mm, 8mm, 8.5mm, 9mm, 9.5mm, 10mm, 10.5mm, 11mm, 11.5mm, 12mm, 12.5mm, 13mm	1 pc	304939

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Related products on page

Tools 38, 43-45, 49-51

HSS Cobalt twist drill bit sets

APPLICATIONS

- Quick exchange of hole saws and centering bits

ADVANTAGES

- High-speed steel and cobalt-alloyed high-speed steel drill bits with split point, 135° tip angle



2

Technical data

Base material	Alloyed steel, stainless steel, hardened grades of stainless steel
Material composition	HSS M2 steel, HSS M35 steel
Tool type	SF 2-A, SF 14-A, SFC 14-A, SFH 14-A, SF 6-A22, SFC 22-A, SF 6H-A22

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Ordering designation	Package contents	Sales pack quantity	Item number
HSS Cobalt 1-10 kit	1mm, 1.5mm, 2mm, 2.5mm, 3mm, 3.5mm, 4mm, 4.5mm, 5mm, 5.5mm, 6mm, 6.5mm, 7mm, 7.5mm, 8mm, 8.5mm, 9mm, 9.5mm, 10mm	1 pc	2072848
HSS Cobalt 1-13 kit	1mm, 1.5mm, 2mm, 2.5mm, 3mm, 3.5mm, 4mm, 4.5mm, 5mm, 5.5mm, 6mm, 6.5mm, 7mm, 7.5mm, 8mm, 8.5mm, 9mm, 9.5mm, 10mm, 10.5mm, 11mm, 11.5mm, 12mm, 12.5mm, 13mm	1 pc	2072849

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Related products on page

Tools 38, 43-45, 49-51

WDB T twist bit set



Technical data

Base material	Wood
Tool type	SF 2-A, SF 14-A, SFC 14-A, SFH 14-A, SF 6-A22, SFC 22-A, SF 6H-A22
Working mode	Drilling only

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Ordering designation	Package contents	Sales pack quantity	Item number
Twist bit 4-10 set	1 x 4mm, 1 x 5mm, 1 x 6mm, 1 x 8mm, 1 x 10mm	1 pc	305033

Please visit Hilti website for the latest item numbers and related products

Related products on page

Tools 38, 43-45, 49-51

Bimetal hole saw MetalCut HS-ME

APPLICATIONS

- Cutting holes in stainless steel, steel and metal sheets



Technical data

Working length	28 mm
Base material	Steel, Non-ferrous metal
Tool type	SF 2-A, SF 14-A, SFC 14-A, SFH 14-A, SF 6-A22, SFC 22-A, SF 6H-A22

Order Now



Ordering designation	Diameter	Sales pack quantity	Item number
20mm-25/32" MetalCut	20 mm	1 pc	417555
25mm-1" MetalCut	25 mm	1 pc	417560
32mm-1 1/4" MetalCut	32 mm	1 pc	417567
35mm-1 3/8" MetalCut	35 mm	1 pc	417569 ¹⁾
38mm-1 1/2" MetalCut	38 mm	1 pc	417570 ¹⁾
51mm-2" MetalCut	51 mm	1 pc	417577 ¹⁾
64mm-2 1/2" MetalCut	64 mm	1 pc	417581 ¹⁾

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

Please visit Hilti website for the latest item numbers and related products

Related products on page

Tools 38, 43-45, 49-51

Bimetal hole saw MetalCut accessories HS-ME

APPLICATIONS

- Quick-change system for hole saws and centring bit



Technical data

Base material	Steel and stainless steel, Aluminium
Connection end	Hexagonal
Material composition	HSS M35 steel

Order Now



Ordering designation	Diameter	Sales pack quantity	Item number
Quick change adaptor (Arbor+HSS Co Pilot Bit)	-	1 pc	216214
HSS Co Pilot bit	6 mm	5 pc	206040

Please visit Hilti website for the latest item numbers and related products

Related products on page

Tools 38, 43-45, 49-51

Bimetal hole saw MultiCut HS-MU

APPLICATIONS

- Cutting holes in drywall, wood, aluminum and PVC sheets



2

Technical data

Working length	40 mm
Base material	Drywall, Plastic, Wood
Tool type	SF 2-A, SF 14-A, SFC 14-A, SFH 14-A, SF 6-A22, SFC 22-A, SF 6H-A22

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Ordering designation	Diameter	Sales pack quantity	Item number
20mm-25/32" MultiCut	20 mm	1 pc	417599
22mm-7/8" MultiCut	22 mm	1 pc	417601 ¹⁾
25mm-1" MultiCut	25 mm	1 pc	417603 ¹⁾
32mm-1 1/4" MultiCut	32 mm	1 pc	417607 ¹⁾
35mm-1 3/8" MultiCut	35 mm	1 pc	417609 ¹⁾
38mm-1 1/2" MultiCut	38 mm	1 pc	417611 ¹⁾
51mm-2" MultiCut	51 mm	1 pc	417618 ¹⁾
54mm-2 1/8" MultiCut	54 mm	1 pc	417620 ¹⁾
64mm-2 1/2" MultiCut	64 mm	1 pc	417625 ¹⁾
67mm-2 5/8" MultiCut	67 mm	1 pc	417627 ¹⁾
70mm-2 3/4" MultiCut	70 mm	1 pc	417629 ¹⁾
76mm-3" MultiCut	76 mm	1 pc	417631 ¹⁾
102mm-4" MultiCut	102 mm	1 pc	417639 ¹⁾
152mm-6" MultiCut	152 mm	1 pc	417647 ¹⁾

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

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Related products on page

Tools 38, 43-45, 49-51

Bimetal hole saw MultiCut accessories HS-MU

APPLICATIONS

- Quick-change system for hole saws and centring bit



Technical data

Base material	Drywall, Wood, Plastic, Metal
Connection end	Hexagonal
Material composition	HSS M2 steel

Order Now



Ordering designation	Diameter	Sales pack quantity	Item number
Quick change adaptor (Arbor+HSS Pilot Bit)	-	1 pc	283871 ¹⁾
HSS Pilot bit	6 mm	5 pc	283870

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

Please visit Hilti website for the latest item numbers and related products

Related products on page

Tools 38, 43-45, 49-51

1/2" impact socket, short

APPLICATIONS

- Tightening nuts and bolts

ADVANTAGES

- Two detent holes for increased connection accuracy between socket and 1/2" anvil



Technical data

Connection end size	12.7 mm
Drive connection	1/2 in square, female
Drive head	6-point, hex, female
Material coating/plating/finish	Black phosphate
Tool type	SIW 14-A, SIW 22-A, SIW 22T-A

Order Now



Ordering designation	Wrench size	Length	Sales pack quantity	Item number
SI-S 1/2"-8 S	8 mm	40 mm	1 pc	2070367
SI-S 1/2"-10 S	10 mm	40 mm	1 pc	2070369
SI-S 1/2"-12 S	12 mm	40 mm	1 pc	2070370
SI-S 1/2"-13 S	13 mm	40 mm	1 pc	2070371
SI-S 1/2"-15 S	15 mm	40 mm	1 pc	2070372
SI-S 1/2"-17 S	17 mm	40 mm	1 pc	2070374
SI-S 1/2"-18 S	18 mm	40 mm	1 pc	2070375
SI-S 1/2"-19 S	19 mm	40 mm	1 pc	2070376
SI-S 1/2"-21 S	21 mm	40 mm	1 pc	2070377
SI-S 1/2"-22 S	22 mm	40 mm	1 pc	2070378
SI-S 1/2"-24 S	24 mm	40 mm	1 pc	2070379
SI-S 1/2"-27 S	27 mm	40 mm	1 pc	2070380
SI-S 1/2"-30 S	30 mm	40 mm	1 pc	2070381
SI-S 1/2"-32 S	32 mm	40 mm	1 pc	2070382
SI-S 1/2"-36 S	36 mm	40 mm	1 pc	2070383

Please visit Hilti website for the latest item numbers and related products

Related products on page

Tools 46, 53-55

1/2" impact socket, long

APPLICATIONS

- Tightening nuts and bolts

ADVANTAGES

- Two detent holes for increased connection accuracy between socket and 1/2" anvil



Technical data

Connection end size	12.7 mm
Drive connection	1/2 in square, female
Drive head	6-point, hex, female
Material coating/plating/finish	Black phosphate
Tool type	SIW 14-A, SIW 22-A, SIW 22T-A

Order Now



Ordering designation	Wrench size	Length	Sales pack quantity	Item number
SI-S 1/2"-8 L	8 mm	80 mm	1 pc	2070385
SI-S 1/2"-10 L	10 mm	80 mm	1 pc	2070387
SI-S 1/2"-12 L	12 mm	80 mm	1 pc	2070388
SI-S 1/2"-13 L	13 mm	80 mm	1 pc	2070389
SI-S 1/2"-15 L	15 mm	80 mm	1 pc	2070390
SI-S 1/2"-17 L	17 mm	80 mm	1 pc	2070392
SI-S 1/2"-18 L	18 mm	80 mm	1 pc	2070393
SI-S 1/2"-19 L	19 mm	80 mm	1 pc	2070394
SI-S 1/2"-21 L	21 mm	80 mm	1 pc	2070395
SI-S 1/2"-22 L	22 mm	80 mm	1 pc	2070396
SI-S 1/2"-24 L	24 mm	80 mm	1 pc	2070397
SI-S 1/2"-27 L	27 mm	80 mm	1 pc	2070398
SI-S 1/2"-30 L	30 mm	80 mm	1 pc	2070399
SI-S 1/2"-36 L	36 mm	80 mm	1 pc	2070401

Please visit Hilti website for the latest item numbers and related products

Related products on page

Tools 46, 53-55

Torque bar S-TB

APPLICATIONS

- For setting HSA stud anchors with maximum accuracy and productivity

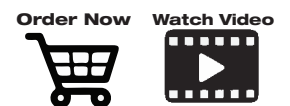
ADVANTAGES

- No more over or undertorquing of HSA stud anchors



Technical data

Base material	Concrete (uncracked)
Connection end size	12.7 mm
Drive connection	1/2 in square, female
Drive head	1/2 in, square, male
Tool type	SIW 14-A, SIW 22-A, SIW 22T-A



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

Please visit Hilti website for the latest item numbers and related products

Related products on page

Tools 46, 53-55

Hammer drill bit metric TE-CX



SDS plus



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 verifies suitability for setting anchors as long as the mark is visible
- Solid carbide head with four carbide cutting edges in innovative X-geometry for optimum material removal

Order Now



Ordering designation	Diameter	Working length	Overall length	Item number (1 pc)	Item number (8 pc)	Item number (16 pc)
TE-CX 5/12	5 mm	50 mm	120 mm	433782	2021990	2022022
TE-CX 5/17	5 mm	100 mm	170 mm	433786	-	-
TE-CX 6/12	6 mm	50 mm	120 mm	433788	2021997	-
TE-CX 6/17	6 mm	100 mm	170 mm	433789	2021998	2022027
TE-CX 6/22	6 mm	150 mm	220 mm	433790	2021999	2022028
TE-CX 6/27	6 mm	200 mm	270 mm	433791	2022000	-
TE-CX 6/32	6 mm	250 mm	320 mm	409172	-	-
TE-CX 6/51	6 mm	440 mm	510 mm	409173	-	-
TE-CX 7/17	7 mm	100 mm	170 mm	409174	-	-
TE-CX 8/12	8 mm	50 mm	120 mm	409175	-	-
TE-CX 8/17	8 mm	100 mm	170 mm	409176	2022003	2022032
TE-CX 8/22	8 mm	150 mm	220 mm	409177	2022004	2022033
TE-CX 8/27	8 mm	200 mm	270 mm	409178	-	-
TE-CX 8/32	8 mm	250 mm	320 mm	409179	-	-
TE-CX 8/37	8 mm	300 mm	370 mm	409180	-	-
TE-CX 8/47	8 mm	400 mm	470 mm	409181	-	-
TE-CX 8/61	8 mm	540 mm	610 mm	409182	-	-
TE-CX 8,5/17	8.5 mm	100 mm	170 mm	409183	-	-
TE-CX 8/90	8 mm	830 mm	900 mm	2131026 ¹⁾	-	-
TE-CX 8/123	8 mm	1160 mm	1230 mm	2131027 ¹⁾	-	-
TE-CX 8.5/22	8 mm	150 mm	220 mm	409184	-	-
TE-CX 9/17	9 mm	100 mm	170 mm	409185	-	-
TE-CX 9/22	9 mm	150 mm	220 mm	409186	-	-
TE-CX 10/12	10 mm	50 mm	120 mm	409187	-	-
TE-CX 10/17	10 mm	100 mm	170 mm	409188	2022008	2022035
TE-CX 10/22	10 mm	150 mm	220 mm	409189	2022009	2022036
TE-CX 10/27	10 mm	200 mm	270 mm	409190	2022010	2022037
TE-CX 10/37	10 mm	300 mm	370 mm	409191	-	-
TE-CX 10/47	10 mm	400 mm	470 mm	409192	-	-
TE-CX 10/61	10 mm	540 mm	610 mm	409193	-	-
TE-CX 10/90	10 mm	830 mm	900 mm	2131028 ¹⁾	-	-
TE-CX 10/125	10 mm	1180 mm	1250 mm	2131029 ¹⁾	-	-
TE-CX 10.5/17	10.5 mm	100 mm	170 mm	409194	-	-
TE-CX 10.5/47	10.5 mm	400 mm	470 mm	2031533 ¹⁾	-	-
TE-CX 11/22	11 mm	150 mm	220 mm	409195	-	-
TE-CX 12/12	12 mm	50 mm	120 mm	409196	-	-
TE-CX 12/17	12 mm	100 mm	170 mm	409197	2022012	2022038
TE-CX 12/22	12 mm	150 mm	220 mm	409198	2022013	2022039
TE-CX 12/27	12 mm	200 mm	270 mm	409199	2022014	2022040
TE-CX 12/37	12 mm	300 mm	370 mm	409200	-	-
TE-CX 12/47	12 mm	400 mm	470 mm	409201	-	-
TE-CX 12/61	12 mm	540 mm	610 mm	409202	-	-
TE-CX 12/90	12 mm	830 mm	900 mm	2131130 ¹⁾	-	-
TE-CX 12/100	12 mm	930 mm	1000 mm	206555 ¹⁾	-	-
TE-CX 12/125	12 mm	1180 mm	1250 mm	2131131 ¹⁾	-	-
TE-CX 12.5/17	12.5 mm	100 mm	170 mm	409203	2022015	-
TE-CX 12.5/22	12.5 mm	150 mm	220 mm	409204	-	-

Ordering designation	Diameter	Working length	Overall length	Item number (1 pc)	Item number (8 pc)	Item number (16 pc)
TE-CX 14/17	14 mm	100 mm	170 mm	409205	2022016	-
TE-CX 14/22	14 mm	150 mm	220 mm	409206	2022017	-
TE-CX 14/27	14 mm	200 mm	270 mm	409207	2022018	-
TE-CX 14/37	14 mm	300 mm	370 mm	409208	-	-
TE-CX 14/47	14 mm	400 mm	470 mm	409209	-	-
TE-CX 14/61	14 mm	540 mm	610 mm	409210	-	-
TE-CX 14/90	14 mm	830 mm	900 mm	2131132 ¹⁾	-	-
TE-CX 14/126	14 mm	1190 mm	1260 mm	2131133 ¹⁾	-	-
TE-CX 15/17	15 mm	100 mm	170 mm	409211	-	-
TE-CX 15/27	15 mm	200 mm	270 mm	409212	-	-
TE-CX 15/47	15 mm	400 mm	470 mm	409213	-	-
TE-CX 16/17	16 mm	100 mm	170 mm	409214	2022019	-
TE-CX 16/90	16 mm	830 mm	900 mm	2131134 ¹⁾	-	-
TE-CX 16/128	16 mm	1210 mm	1280 mm	2131135 ¹⁾	-	-
TE-CX 16/22	16 mm	150 mm	220 mm	409215	2022020	-
TE-CX 16/27	16 mm	200 mm	270 mm	409216	2022021	-
TE-CX 16/47	16 mm	400 mm	470 mm	409217	-	-
TE-CX 16/61	16 mm	540 mm	610 mm	409218	-	-
TE-CX 17/22	17 mm	150 mm	220 mm	409219	-	-
TE-CX 18/22	18 mm	150 mm	220 mm	421956	-	-
TE-CX 18/32	18 mm	250 mm	320 mm	421960	-	-
TE-CX 18/48	18 mm	410 mm	480 mm	421961	-	-
TE-CX 18/90	18 mm	830 mm	900 mm	427815	-	-
TE-CX 18/130	18 mm	1230 mm	1300 mm	438780 ¹⁾	-	-
TE-CX 20/22	20 mm	150 mm	220 mm	421963	-	-
TE-CX 20/32	20 mm	250 mm	320 mm	421965	-	-
TE-CX 20/48	20 mm	410 mm	480 mm	421966	-	-
TE-CX 20/61	20 mm	540 mm	610 mm	427816	-	-
TE-CX 22/27	22 mm	200 mm	270 mm	421968	-	-
TE-CX 22/48	22 mm	410 mm	480 mm	421969	-	-
TE-CX 24/27	24 mm	200 mm	270 mm	421971	-	-
TE-CX 24/62	24 mm	550 mm	620 mm	427817	-	-
TE-CX 25/27	25 mm	200 mm	270 mm	421977	-	-
TE-CX 25/48	25 mm	410 mm	480 mm	422660	-	-
TE-CX 26/27	26 mm	200 mm	270 mm	421979	-	-
TE-CX 28/27	28 mm	200 mm	270 mm	421981	-	-
TE-CX 28/48	28 mm	410 mm	480 mm	421983	-	-

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

Please visit [Hilti website](#) for the latest item numbers and related products

Related products on page

Tools 56-57, 68, 70

Hammer drill bit in imperial size TE-CX



APPLICATIONS

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

ADVANTAGES

- The anchor suitability indicator on the head helps ensure trouble-free anchor installation - the holes are accurate as long as the wear mark is visible
- In the unlikely event of breakage, the drill bit will be considered for replacement 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

Order Now



Ordering designation	Diameter	Working length	Overall length	Item number (1 pc)	Item number (8 pc)
TE-CX 1/4"-6"	6.35 mm	102 mm	152 mm	435000	2025906
TE-CX 3/8"-6"	9.525 mm	102 mm	152 mm	435006	2025909
TE-CX 1/2"-6"	12.7 mm	102 mm	152 mm	435012	2025920
TE-CX 1/2"-12"	12.7 mm	241 mm	305 mm	435013	-
TE-CX 26/27, 1"-10"	25.4 mm	200 mm	254 mm	421979	-
TE-CX 26/48 1"-18"	25.4 mm	400 mm	457 mm	421980	-

Please visit Hilti website for the latest item numbers and related products

Auto setting tool HKD-TE-CX (Long)



APPLICATIONS

- Installation of the Hilti HKD short drop-in anchor for fastening pipes, air ducts and suspended ceilings
- Drilling holes for post-installed rebar connections

ADVANTAGES

- Drilling and setting with one tool

Order Now



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

Please visit Hilti website for the latest item numbers and related products

Stop drill bit HKD-TE-CX-B



Order Now



Ordering designation	Diameter	Working length	Overall length	Sales pack quantity	Item number
HKD-TE-CX-B M8 5/16x30	10 mm	33 mm	112 mm	1 pc	2112755
HKD-TE-CX-B M10 3/8x40	12 mm	44 mm	123 mm	1 pc	2112758
HKD-TE-CX-B M12x50 ø15	15 mm	55 mm	144 mm	1 pc	2112759
HKD-TE-CX-B M12 1/2x50 ø16	16 mm	55 mm	144 mm	1 pc	2112760

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Hammer drill bit metric TE-C



SDS plus



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

Order Now



Ordering designation	Diameter	Working length	Overall length	Item number (1 pc)	Item number (8 pc)	Item number (16 pc)
TE-C 5.5/17	5.5 mm	100 mm	170 mm	2037006	2037055	-
TE-C 6/11	6 mm	50 mm	110 mm	2037007	2037056	2037085
TE-C 6/16	6 mm	100 mm	160 mm	2037008	2037057	2037086
TE-C 6/21	6 mm	150 mm	210 mm	2037009	2037058	-
TE-C 6,5/11	6.5 mm	50 mm	110 mm	2037011	-	-
TE-C 8/16	8 mm	100 mm	160 mm	2037017	2037064	2037091
TE-C 8/21	8 mm	150 mm	210 mm	2037018	2037065	-
TE-C 10/16	10 mm	100 mm	160 mm	2037022	2037068	2037094
TE-C 10/21	10 mm	150 mm	210 mm	2037023	2037069	-
TE-C 12/16	12 mm	100 mm	160 mm	2037029	2037072	2037097
TE-C 12/21	12 mm	150 mm	210 mm	2037030	2037073	-
TE-C 14/21	14 mm	150 mm	210 mm	2037037 ¹⁾	-	-
TE-C 15/16	15 mm	100 mm	160 mm	2037041	2037079	-
TE-C 16/16	16 mm	100 mm	160 mm	2037042	2037080	2037103
TE-C 16/21	16 mm	150 mm	210 mm	2037043	2037081	-
TE-C 17/21	17 mm	150 mm	210 mm	2037046 ¹⁾	-	-

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

Please visit Hilti website for the latest item numbers and related products

Related products on page

Tools 56-57, 68, 70

Hammer drill bit in imperial size TE-C



SDS plus



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
- Wide helix spine for good dust transportation and extended lifetime

Order Now



Ordering designation	Diameter	Working length	Overall length	Item number (1 pc)	Item number (8 pc)
TE-C 1/4"-6"	6.35 mm	102 mm	152 mm	2038073	2038093
TE-C 3/8"-6"	9.525 mm	101 mm	152 mm	2038076 ¹⁾	2038094
TE-C 1/2"-6"	12.7 mm	101 mm	152 mm	2038080	2038095

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

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Related products on page

Tools 56-57, 68, 70

Hollow drill bit TE-CD



SDS plus



product design award



reddot design award
best of the best 2013

SAFE-SET



APPLICATIONS

- Drilling holes for structural connections with post-installed rebars

ADVANTAGES

- Drilling and hole cleaning in one step
- Optimum borehole cleaning and for consistent anchor setting
- Same robustness, lifetime and speed as TE-YX and TE-CX drill bits
- Minimized catching or sticking when drilling into rebars

Order Now



Ordering designation	Diameter	Working length	Overall length	Sales pack quantity	Item number
TE-CD 12/33	12 mm	200 mm	330 mm	1 pc	2018940
TE-CD 14/37	14 mm	240 mm	370 mm	1 pc	2018942
TE-CD 16/37	16 mm	240 mm	370 mm	1 pc	2018945
TE-CD 18/37	18 mm	240 mm	370 mm	1 pc	2018946

Please visit Hilti website for the latest item numbers and related products

Related products on page

Tools 56-57, 68, 70

Circular saw blade for wood SCB W

APPLICATIONS

- Universal blades for ripping and cross cutting in boards (plywood, formwork, OSB, particle / chipboard, MDF, wood composites and solid wood (hard and soft)) and construction timber

ADVANTAGES

- Cut longer, more smoothly and more precisely



Technical data

Blade type	Specially for cordless, long life, universal
Base material	Wood
Application range	Rip and cross cuts in wooden boards (plywood, formwork, OSB, particle / chip board, MDF, wood composites and solid wood (hard and soft)) and construction timber

Order Now



Ordering designation	Base material	Blade diameter	Arbour	Number of teeth	Blade type	Blade thickness	Sales pack quantity	Item number
SCB WU 165x20 z24 A	Wood	165 mm	20 mm	24	Universal	1 mm	1 pc	2037951
SCB WU 190x30 z18 A	Wood	190 mm	30 mm	18	Universal	1.1 mm	1 pc	2107707

Please visit Hilti website for the latest item numbers and related products

Related products on page

Tools 60-61

Circular saw blade for metal SC-C M

APPLICATIONS

- Cut better: in ferrous metal and structural panels (steel channels, pipes, angle profiles, steel plates, threaded rods, rebars, sandwich panels, Trespa panels)

ADVANTAGES

- Cut faster: Hilti SC-C M blades cut much faster than conventional blades



Technical data	
Base material	Metal
Application range	Rip and cross cuts in wooden boards (plywood, formwork, OSB, particle/chip board, MDF)
Blade features	Specially for cordless, long life, universal

Order Now



Ordering designation	Blade type	Base material	Blade diameter	Arbour	Number of teeth	Blade thickness	Sales pack quantity	Item number
SCB M X-Cut 165	X-cut	Ferrous metal, Stainless Steel	165 mm	20 mm	48	1.2 mm	1 pc	2023994
SC-C MU 165x20 z40 A	Steel	Ferrous metal	165 mm	20 mm	40	1.2 mm	1 pc	2014797
SC-C MS 165 AL	Aluminium	Non-ferrous metal	165 mm	20 mm	48	1.2 mm	1 pc	2023990

Please visit Hilti website for the latest item numbers and related products

Related products on page

Tools 59

Band saw blades SBB



Technical data	
Base material	Metal

Order Now



Ordering designation	Blade length	Blade Width	Teeth per inch	Sales pack quantity	Item number
SB 4 BM 10/14 TPI (3)	733 mm	13 mm	10-14	3 pc	2150031
SB 4 BM 14/18 TPI (3)	733 mm	13 mm	14-18	3 pc	2150032

Please visit Hilti website for the latest item numbers and related products

Related products on page

Tools 64

Reciprocating saw blades for wood WD

APPLICATIONS

- Specially designed for wood and plastics

ADVANTAGES

- Highly flexible bi-metal construction



Technical data

Base material	Wood (WB) Heavy wood with metal(WD)
Blade type	Fast and rough
Blade features	Fast cut, plunge cut

Order Now



Ordering designation	Blade type	Blade length	Blade thickness	Tooth pitch	Teeth per inch	Sales pack quantity	Item number
WD 15 6 (5)	Heavy wood with metal	152 mm	1.3 mm	4.2 mm	6	5 pc	2099412
WD 23 6 (5)	Heavy wood with metal	229 mm	1.3 mm	4.2 mm	6	5 pc	2099413
WD 30 6 (5)	Heavy wood with metal	305 mm	1.3 mm	4.2 mm	6	5 pc	2099414 ¹⁾

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

Please visit Hilti website for the latest item numbers and related products

Related products on page

Tools 62, 71

Reciprocating saw blade for metal MD

APPLICATIONS

- Specially designed for metal and heavy metal demolition

ADVANTAGES

- All Hilti reciprocating saw blades for metal and other materials are of the bi-metal type featuring a highly flexible combination of HCS and HSS with unbreakable bonding



Technical data

Base material	Metal
Blade type	Demolition
Blade features	Heavy-duty, exact angle

Order Now



Ordering designation	Blade type	Blade length	Blade thickness	Tooth pitch	Teeth per inch	Sales pack quantity	Item number
MD 15 10 (5)	Heavy metal	152 mm	1.1 mm	2.5 mm	10	5 pc	2099293
MD 23 10 (5)	Heavy metal	229 mm	1.1 mm	2.5 mm	10	5 pc	2099294
MD 30 10 (5)	Heavy metal	305 mm	1.1 mm	2.5 mm	10	5 pc	2099295
MD 20 18 (5)	Heavy metal	203 mm	1.1 mm	1.4 mm	18	5 pc	2099391 ¹⁾
MD 23 18 (5)	Heavy metal	229 mm	1.1 mm	1.4 mm	18	5 pc	2099390 ¹⁾

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

Please visit Hilti website for the latest item numbers and related products

Related products on page

Tools 62, 71

Reciprocating saw blade for special materials

APPLICATIONS

- Specially designed for abrasive materials

ADVANTAGES

- Hilti reciprocating saw blades for cutting mineral materials have specifically designed carbide teeth for straight cutting, high cutting speed and outstanding life



Order Now



Ordering designation	Blade type	Blade length	Blade thickness	Tooth pitch	Teeth per inch	Sales pack quantity	Item number
SB 23	Brick & concrete	235 mm	1.2 mm	16 mm	1.5	1 pc	285809 ¹⁾
SB 30	Brick & concrete	300 mm	1.2 mm	16 mm	1.5	1 pc	285810 ¹⁾
MFR 23 10 (5)	Fire and rescue	229 mm	1.57 mm	2.5 mm	10	5 pc	2099393

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

Please visit Hilti website for the latest item numbers and related products

Related products on page

Inserts 62, 71

Reciprocating saw blade for multiple materials UD

APPLICATIONS

- Specially designed for demolition of various materials

ADVANTAGES

- All Hilti reciprocating saw blades for metal and other materials are of the bi-metal type featuring a highly flexible combination of HCS and HSS with unbreakable bonding



Order Now



Ordering designation	Blade type	Blade length	Blade thickness	Tooth pitch	Teeth per inch	Sales pack quantity	Item number
UD 15 1014 (5)	Heavy universal	152 mm	1.3 mm	1.8-2.5 mm	10-14	5 pc	2099406
UD 20 1014 (5)	Heavy universal	203 mm	1.3 mm	1.8-2.5 mm	10-14	5 pc	2099407
UD 30 1014 (5)	Heavy universal	305 mm	1.3 mm	1.8-2.5 mm	10-14	5 pc	2099408 ¹⁾

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

Please visit Hilti website for the latest item numbers and related products

Related products on page

Inserts 62, 71

Cutting disc AC-D

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



Order Now



Ordering designation	Disc diameter	Blade thickness	Arbour	Blade / disc shape	Max. permitted speed	Sales pack quantity	Item number
AC-D 125x1x22.2 SP CAG (P)	125 mm	1 mm	22.23 mm	Shape 41	12250 rpm	25 pc	2126634
AC-D 125 Inox USP 1.0mm	125 mm	1 mm	22.23 mm	Shape 41	12250 rpm	25 pc	361887
AC-D 125 USP 2.5mm	125 mm	2.5 mm	22.23 mm	Shape 42	12250 rpm	25 pc	361881

Please visit Hilti website for the latest item numbers and related products

Related products on page

Inserts 63, 72



DRILLING & DEMOLITION



Drilling & Demolition



Rotary Hammer

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Combihammer

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Hammer Drill Bits

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Drilling & Demolition

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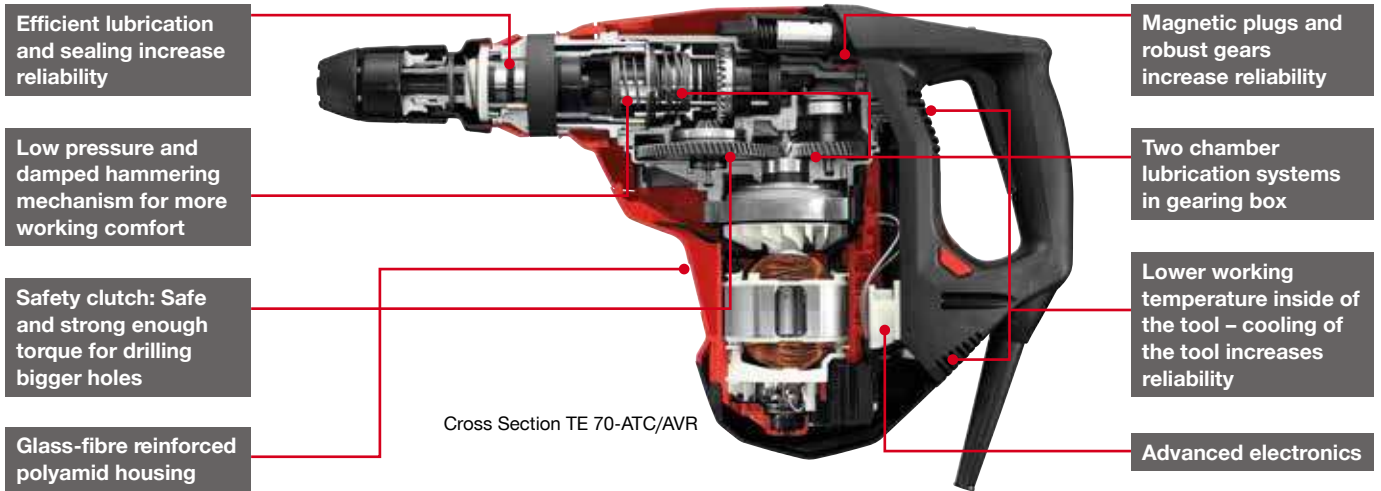
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HILTI COMBIHAMMERS

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 saving 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.



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.



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.






























































































































ACTIVE TORQUE CONTROL

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.

APPLICATION AND TOOL SELECTOR FOR ROTARY AND COMBIHAMMERS

Rotary and combihammer	Wattage (W)	Weight (kg)	Ratio drilling / chiseling	Working direction	Drill bit connectionend	Material for drilling			
						Highly reinforced concrete	Concrete/ Granite/ Stone/ Solid brick	Hollow brick/ Tile	Wood/ Metal
TE 2 	650	2.7							
TE 2-S 	650	2.7							
TE 2-M 	650	2.9							
TE 7 	710	2.9							
TE 7-C 	720	3.4							
TE 30 	1010	4.1							
TE 30-AVR 	1010	4.2							
TE 50-AVR 	1100	6.1							
TE 60-AVR 	1350	6.4							
TE 70-AVR 	1800	8.3							
TE 70-ATC/AVR 	1800	9.5							

Breaker	Wattage (W)	Weight (kg)	Ratio drilling / chiseling	Working direction	Drill bit connectionend	Material for chiselling			Page
						Highly reinforced concrete	Concrete/ Granite/ Stone/ Solid brick	Hollow brick/ Tile	
TE 500-X 	1100	5.0							123
TE 800-AVR 	1850	10.6							124
TE 1000-AVR 	1750	12.5							125
TE 1500-AVR 	1800	14.2							126
TE 3000-AVR 	2070	29.9							127

	Anchor holes / through holes (diameters in mm)																			Page
	4	5	6	8	10	12	14	16	18	20	22	24	26	28	30	32	35	38	40	
	Optimal	Optimal	Optimal	Optimal	Optimal	Optimal	Occasional	Occasional	Occasional	Occasional	Occasional	Occasional	Occasional	Occasional	Occasional	Occasional	Occasional	Occasional	Occasional	98
	Optimal	Optimal	Optimal	Optimal	Optimal	Optimal	Occasional	Occasional	Occasional	Occasional	Occasional	Occasional	Occasional	Occasional	Occasional	Occasional	Occasional	Occasional	Occasional	99
	Optimal	Optimal	Optimal	Optimal	Optimal	Optimal	Occasional	Occasional	Occasional	Occasional	Occasional	Occasional	Occasional	Occasional	Occasional	Occasional	Occasional	Occasional	Occasional	100
	Occasional	Occasional	Optimal	Optimal	Optimal	Optimal	Optimal	Occasional	Occasional	Occasional	Occasional	Occasional	Occasional	Occasional	Occasional	Occasional	Occasional	Occasional	Occasional	101
	Occasional	Occasional	Occasional	Optimal	Optimal	Optimal	Optimal	Optimal	Occasional	Occasional	Occasional	Occasional	Occasional	Occasional	Occasional	Occasional	Occasional	Occasional	Occasional	102
	Occasional	Occasional	Occasional	Occasional	Optimal	Optimal	Optimal	Optimal	Optimal	Optimal	Occasional	Occasional	Occasional	Occasional	Occasional	Occasional	Occasional	Occasional	Occasional	104
	Occasional	Occasional	Occasional	Occasional	Optimal	Optimal	Optimal	Optimal	Optimal	Optimal	Occasional	Occasional	Occasional	Occasional	Occasional	Occasional	Occasional	Occasional	Occasional	105
	Occasional	Occasional	Occasional	Occasional	Occasional	Occasional	Occasional	Optimal	Optimal	Optimal	Optimal	Optimal	Optimal	Optimal	Optimal	Optimal	Optimal	Occasional	Occasional	106
	Occasional	Occasional	Occasional	Occasional	Occasional	Occasional	Occasional	Occasional	Optimal	Optimal	Optimal	Optimal	Optimal	Optimal	Optimal	Optimal	Optimal	Optimal	Optimal	109
	Occasional	Occasional	Occasional	Occasional	Occasional	Occasional	Occasional	Occasional	Occasional	Optimal	Optimal	Optimal	Optimal	Optimal	Optimal	Optimal	Optimal	Optimal	Optimal	108
	Occasional	Occasional	Occasional	Occasional	Occasional	Occasional	Occasional	Occasional	Occasional	Optimal	Optimal	Optimal	Optimal	Optimal	Optimal	Optimal	Optimal	Optimal	Optimal	107

 = appox. 50% drilling, 50% chiselling
  = appox. 90% drilling, 10% chiselling
  = optimal
  = occasional

Rotary hammer TE 2



APPLICATIONS

- Daily hammer drilling in concrete, masonry and natural stone, diameter range 4-22 mm
- Drilling in the 3-13 mm diameter range in solid metal / up to 20 mm in sheet metal
- Drilling in wood with bits up to 20 mm in diameter / with hole saws up to 68 mm
- Driving screws using the special bit holder

ADVANTAGES

- Rugged motor and efficient cooling ensure extra-long life expectancy
- Superior performance: perfectly matched to Hilti TE-C hammer drill bits
- Electronic switch for better hole-starting accuracy
- Rotary-only drilling mode for drilling in wood, drywall panels and metal
- Pivotal side handle with depth gauge
- Lockbutton for sustained operation and forwards / reverse switch



DRS
with TE-DRS-S

Technical data	
Rated input power	650 W
Working mode	Hammer drilling, Drilling only
Optimum drilling diameter in concrete	4 - 12 mm
Drilling diameter range for hammer drill bits	4 - 12 mm
Rotation speed gear 1 under no load	1200 rpm
Single impact energy	1.8 J
Full hammering frequency	4600 impacts/minute
Triaxial vibration value for hammer drilling into concrete (ah,HD) ¹⁾	13.5 m/s ²
Weight according to EPTA Procedure 01/2003	2.7 kg
Dimensions (LxWxH)	352 x 89 x 203 mm

¹⁾ according to EN 60745-2-6



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Package contents

	Inserts TE CX	Item Number
TE 2 230V	6/17 MP8	3552465
	8/17 MP8	3552466
	10/17 MP8	3552464
	12/17 MP8	3552467
	M1 pack	3568075

Please visit Hilti website for the latest item numbers and related products

Related products on page

Inserts 103, 112-117, 135-137

Rotary hammer TE 2-S



3

APPLICATIONS

- Drilling anchor holes in concrete, stone and masonry, recommended diameter range 4 - 12 mm
- Drilling in wood, drywall panels and metal
- Diameter range: wood 4 - 20 mm; metal 0 - 13 mm; hole saws 25 - 68 mm
- Using the fine hammering action to drill anchor holes in the 4 - 22 mm diameter range or socket cutters in the 25 - 68 mm range in perforated brick, tiles and marble
- Drilling anchor holes in the 4 - 20 mm diameter range in brittle materials (e.g. tiles)
- Drilling in wood with bits up to 20 mm in diameter / with hole saws up to 68 mm

ADVANTAGES

- Rugged motor and efficient cooling ensure extra-long life expectancy
- Sturdy motor with high load rating for maximum reliability
- High reliability thanks to excellent load capacity of the motor
- Electronic switch for precise hole-starting
- Rotary-only drilling mode for drilling in wood, drywall panels and metal
- Pivotal side handle with depth gauge, lockbutton for sustained operation and forwards / reverse switch



Technical data	
Rated input power	650 W
Working mode	Hammer drilling, Drilling only, Fine hammer drilling
Optimum drilling diameter in concrete	4 - 12 mm
Drilling diameter range for hammer drill bits	4 - 22 mm
Rotation speed gear 1 under no load	1200 rpm
Single impact energy	1.8 J
Full hammering frequency	4600 impacts/minute
Triaxial vibration value for hammer drilling into concrete (ah,HD) ¹⁾	13.5 m/s ²
Weight according to EPTA Procedure 01/2003	2.7 kg
Dimensions (LxWxH)	352 x 89 x 203 mm

¹⁾ according to EN 60745-2-6



Package contents

	Inserts TE CX	Item Number
TE 2-S 230V	6/17 MP8	3552483
	8/17 MP8	3552484
	10/17 MP8	3552485
	12/17 MP8	3552487
	M1 pack	3568077
TE 2-S 110V	6/17 MP8	3552339
	8/17 MP8	3552340
	10/17 MP8	3552341
	12/17 MP8	3552342
	M1 pack	3568076

Please visit Hilti website for the latest item numbers and related products

Related products on page

Inserts 103, 112-117, 135-137

Rotary hammer TE 2-M



APPLICATIONS

- Drilling and hammer drilling in concrete, masonry and natural stone; diameter range 4-22 mm
- Drilling in wood, drywall panels, tiles and metal
- "Diameter range in first gear: wood 10-20 mm; metal 8-13 mm; hole saws 25-68 mm
- Diameter range in second gear: wood 4-10 mm; metal 3-8 mm
- Drilling in wood with bits up to 20 mm in diameter / with hole saws up to 68 mm
- Drilling in the 3-13 mm diameter range in solid metal / up to 20 mm in sheet metal

ADVANTAGES

- Rugged motor and efficient cooling ensure extra-long life expectancy
- Superior performance: perfectly matched to Hilti TE-C hammer drill bits
- Electronic switch for precise hole-starting
- 2 speeds in rotary-only mode for drilling using smooth-shank drill bits in large and small diameters
- Pivotal side handle with depth gauge, lockbutton for sustained operation and forwards / reverse switch
- Interchangeable quick-release chuck for insert tools



Technical data	
Rated input power	650 W
Working mode	Hammer drilling, Drilling only
Optimum drilling diameter in concrete	4 - 12 mm
Drilling diameter range for hammer drill bits	4 - 22 mm
Rotation speed gear 1 under no load	1200 rpm
Single impact energy	1.8 J
Full hammering frequency	4600 impacts/minute
Triaxial vibration value for hammer drilling into concrete(ah,HD) ¹⁾	13.5 m/s ²
Weight according to EPTA Procedure 01/2003	2.9 kg
Dimensions (LxWxH)	360 x 89 x 203 mm

¹⁾ according to EN 60745-2-6



Package contents

	Inserts TE CX	Item Number
TE 2-M 230V	6/17 MP8	3552492
	8/17 MP8	3552493
	10/17 MP8	3552494
	12/17 MP8	3552495
	M1 pack	3568022
TE 2-M 110V	6/17 MP8	3552488
	8/17 MP8	3552489
	10/17 MP8	3552490
	12/17 MP8	3552491
	M1 pack	3568021

Please visit Hilti website for the latest item numbers and related products

Related products on page

Inserts 103, 112-117, 135-137

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 and compact design
- Interchangeable “TE-C Click” chuck for versatility and ease of use
- Electronic switch for precise hole-starting
- Forward / reverse switch



Technical data	
Rated input power	710 W
Working mode	Hammer drilling, Drilling only
Optimum drilling diameter in concrete	4 - 12 mm
Drilling diameter range for hammer drill bits	4 - 24 mm
Rotation speed gear 1 under no load	1050 rpm
Single impact energy	1.8 J
Full hammering frequency	4980 impacts/minute
Triaxial vibration value for hammer drilling into concrete (ah,HD) ¹⁾	11 m/s ²
Weight according to EPTA Procedure 01/2003	2.9 kg
Dimensions (LxWxH)	320 x 75 x 215 mm

¹⁾ according to EN 60745-2-6



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Package contents

	DRS	Inserts TE CX	Item Number
TE 7 230V	N/A	10/17 MP8	3552541
		12/17 MP8	3552542
		15/17 MP4	3552543
		16/17 MP4	3568579
		M1 pack	3568580
	DRS	10/17 MP8	3552547
		12/17 MP8	3552548
		15/17 MP4	3568603
		16/17 MP4	3552549
		M1 pack	3568604
TE 7 110V	N/A	10/17 MP8	3552538
		12/17 MP8	3552539
		15/17 MP4	3552540
		16/17 MP4	3568577
		M1 pack	3568578
	DRS	10/17 MP8	3552544
		12/17 MP8	3552545
		15/17 MP4	3552546
		16/17 MP4	3568581
		M1 pack	3568582

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Related products on page

Inserts 103, 112-117, 135-137

Customer Hotline: Hong Kong 8228 8118, Macau 00800 8228 8118 Email: hksales@hilti.com

Rotary hammer TE 7-C



APPLICATIONS

- Drilling and hammer drilling in concrete and masonry
- Corrective chiselling 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
- Virtually dustless drilling with the DRS-M dust removal system
- Interchangeable "TE-C Click" chuck for versatility and ease of use
- High drilling performance
- Electronic switch for precise hole-starting



Technical data	
Rated input power	720 W
Working mode	Hammer drilling, Drilling only, Chiselling, Chisel setting
Optimum drilling diameter in concrete	6 - 16 mm
Drilling diameter range for hammer drill bits	4 - 28 mm
Rotation speed gear 1 under no load	740 rpm
Single impact energy	2.6 J
Full hammering frequency	4020 impacts/minute
Triaxial vibration value for hammer drilling into concrete (ah,HD) ¹⁾	17 m/s ²
Weight according to EPTA Procedure 01/2003	3.4 kg
Dimensions (LxWxH)	343 x 86 x 215 mm

¹⁾ according to EN 60745-2-6



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Package contents






	DRS	Inserts TE CX	Item Number
TE 7-C 230V	N/A	10/17 MP8	3552553
		12/17 MP8	3552554
		15/17 MP4	3568607
		16/17 MP4	3552555
		M1 pack	3568608
	DRS	10/17 MP8	3552559
		12/17 MP8	3552560
		15/17 MP4	3568611
		16/17 MP4	3552561
		M1 pack	3568612
TE 7-C 110V	N/A	10/17 MP8	3552550
		12/17 MP8	3552551
		15/17 MP4	3568605
		16/17 MP4	3552552
		M1 pack	3568606
	DRS	10/17 MP8	3552556
		12/17 MP8	3552557
		15/17 MP4	3568609
		16/17 MP4	3552558
		M1 pack	3568610

Please visit Hilti website for the latest item numbers and related products

Related products on page

Inserts 103, 112-117, 135-137

Accessories for Rotary Hammers

Ordering designation		TE 2	TE 2-S	TE 2-M	TE 7	TE 7-C	Sales pack quantity	Item number
Quick-release chuck 13 Drilling in wood or metal		■	■				1 pc	60208
Chuck spindle TE-C-BFH Adapting a chuck to a tool with TE-C (SDS Plus) connection		■	■				1 pc	60459
Replacement chuck Chuck for TE-C / TE-CX drill bits with SDS plus connection end.				■	■	■	1 pc	273118
Quick-release chuck For insert tools with smooth shanks up to 13 mm dia. (no hammering).				■	■	■	1 pc	224119
Key-type chuck Drilling in wood or metal				■			1 pc	228434
Angular chuck TE-AC 1 Drilling in concrete and masonry					■	■	1 pc	272701
Dust removal system TE DRS-M Dust module with extraction fan, dust container with filter, depth gauge, end stop, push-fit coupling, packed in a cardboard box.					■	■	1 pc	267769

Please visit Hilti website for the latest item numbers and related products

Combihammer TE 30 **NEW**



APPLICATIONS

- Drilling holes for anchors and rebar connections as well as through-holes in concrete and masonry: possible diameter range 4-28 mm, recommended diameter range 10-20 mm
- Driving anchor screws and concrete screw anchors

ADVANTAGES

- Highly versatile: suitable for drilling in concrete, wood and metal
- Exceptionally high power-to-weight ratio
- Extra-long lifetime thanks to highly robust chuck and motor components as well as rugged casing materials
- Perfect balance, low weight and compact design for superior working comfort



DRS

with VG 20/40-U / VC 40-U-Y and TE-CD or TE-DRS-S

Technical data

Rated input	1010 W
Optimum drilling diameter range for hammer drill bits	10 - 20 mm
Drilling diameter range for hammer drill bits	4 - 28 mm
Rotation speed gear 1 under no load	1100 rpm
Single impact energy	3.6 J
Full hammering frequency	4500 impacts/minute
Triaxial vibration value for hammer drilling into concrete (ah,HD)¹⁾	16.8 m/s ²
Dimensions (LxWxH)	361 x 113 x 225 mm
Weight according to EPTA Procedure 01/2003	4.1 kg

¹⁾ according to EN 60745-2-6



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Package contents

	Inserts TE CX	Item Number
TE 30 G2 230V	12/17 MP8	3571505
	15/17 MP4	3571506
	16/17 MP4	3571507
	20/22 MP2	3571508
TE 30 G2 110V	12/17 MP8	3571501
	15/17 MP4	3571502
	16/17 MP4	3571503
	20/22 MP2	3571504

Please visit Hilti website for the latest item numbers and related products

Related products on page

Inserts 110, 112-117, 135-137

Combihammer TE 30-AVR NEW



3

APPLICATIONS

- Drilling anchor and through-holes in concrete and masonry, diameter range 5 - 28 mm, recommended range 8 - 20 mm
- Drilling anchor holes, openings in concrete, stone and masonry, diameter range 5-28 mm; recommended diameter range 12 - 20 mm
- Light chiseling on brick and block, corrective chiseling and finishing on concrete
- 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

ADVANTAGES

- Combihammer with chiseling function for a wide range of applications
- AVR Active Vibration Reduction makes the tool less tiring to use and increases daily productivity
- Most impressive power-to-weight ratio in the TE-C class (SDS plus)
- 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
- Quick-change chucks for easy interchanging without need for tools

Technical data

Rated input power	1010 W
Working mode	Hammer drilling, Drilling only, Chiselling, Chisel setting
Hammer drill bits (optimum diameter range)	10 - 20 mm
Drilling diameter range for hammer drill bits	5 - 28 mm
Rotation speed gear 1 under no load	1100 rpm
Single impact energy	3.6 J
Full hammering frequency	4500 impacts/minute
Triaxial vibration value for hammer drilling into concrete (ah,HD)¹⁾	9.3 m/s ²
Chiseling	Yes
Dimensions (LxWxH)	371 x 113 x 225 mm
Weight according to EPTA Procedure 01/2003	4.2 kg

¹⁾ according to EN 60745-2-6



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Package contents

	Inserts TE CX	Item Number
TE 30-AVR G2 230V	12/17 MP8	3552571
	15/17 MP4	3568636
	16/17 MP4	3552572
	20/22 MP2	3552573
TE 30-AVR G2 110V	12/17 MP8	3552568
	15/17 MP4	3568635
	16/17 MP4	3552569
	20/22 MP2	3552570

Please visit Hilti website for the latest item numbers and related products

Related products on page

Inserts 110, 112-117, 135-137

Combihammer TE 50-AVR **NEW**



APPLICATIONS

- Hammer drilling in concrete, masonry and natural stone (possible diameter range 12-55 mm, recommended diameter range 16-32 mm)
- Light to medium-duty chiselling in masonry and concrete
- Drilling penetrations mainly in masonry using percussion core bits (possible diameter range 45-150 mm, recommended diameter range up to 82 mm)

ADVANTAGES

- Exceptionally light and versatile TE-Y (SDS-max) combihammer
- An extremely compact high-performance tool
- AVR (Active Vibration Reduction) for maximum comfort and productivity
- Robust and durable
- Detachable supply cord allows quick replacement



with VC 20 / 40-U / VC 40-U-Y and TE-YD or TE-DRS-Y

Technical data	
Rated input power	1100W
Working mode	Hammer drilling, Chiselling, Drilling only
Optimum drilling diameter range for hammer drill bits	16 - 32 mm
Drilling diameter range for hammer drill bits	12 - 40 mm
Rotation speed gear 1 under no load	360 rpm
Single impact energy	6 J
Full hammering frequency	3510 impacts/minute
Triaxial vibration value for hammer drilling into concrete (ah,HD) ¹⁾	9 m/s ²
Chiselling function	Yes
Dimensions (LxWxH)	449 x 115 x 272 mm
Weight according to EPTA Procedure 01/2003	6.1 kg

¹⁾ according to EN 60745-2-6



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Package contents

	Inserts	Item Number
TE 50-AVR 230V	TE-YX 16/35 + TE-YP SM 36	3572906
	TE-YX 20/32 + TE-YP SM 36	3572908
	TE-YX 25/52 + TE-YP SM 36	3572909
TE 50-AVR 110V	TE-YX 16/35 + TE-YP SM 36	3572910
	TE-YX 20/32 + TE-YP SM 36	3572911
	TE-YX 25/52 + TE-YP SM 36	3572912

Please visit Hilti website for the latest item numbers and related products

Related products on page

Inserts 110, 118-122, 138-139

Combihammer TE 60-AVR NEW



3

APPLICATIONS

- Drilling anchor and through-holes in concrete and masonry (recommended diameter range 18-40 mm)
- Coring in masonry and concrete with TE-Y-BK core bits up to 122mm diameter
- Medium-duty demolition work

ADVANTAGES

- Exceptionally high performance-to-weight-ratio
- AVR (Active Vibration Reduction) for maximum comfort and higher productivity
- Ruggedly built for long lifetime
- Improved performance in large-diameter coring applications



with VC 20 / 40-U / VC 40-U-Y and TE-YD or TE-DRS-Y

Technical data

Rated input power	1350W
Working mode	Chisel setting, Chiselling, Hammer drilling
Optimum drilling diameter range for hammer drill bits	18 - 40 mm
Drilling diameter range for hammer drill bits	12 - 40 mm
Rotation speed gear 1 under no load	340 rpm
Single impact energy	7.8 J
Full hammering frequency	3300 impacts/minute
Triaxial vibration value for hammer drilling into concrete (ah,HD)¹⁾	9.6 m/s ²
Chiselling function	Yes
Dimensions (LxWxH)	486 x 115 x 273 mm
Weight according to EPTA	6.4 kg

¹⁾ according to EN 60745-2-6



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	Inserts	Item Number
TE 60-AVR 230V	TE-YX 20/32 + TE-YP SM 36	3592789
	TE-YX 24/32 + TE-YP SM 36	3592790
	TE-YX 25/52 + TE-YP SM 36	3592791
	TE-YX 28/52 + TE-YP SM 36	3592792
	TE-YX 30/57 + TE-YP SM 36	3592793
	TE-YX 32/57 + TE-YP SM 36	3592794
TE 60-AVR 110V	TE-YX 20/32 + TE-YP SM 36	3592783
	TE-YX 24/32 + TE-YP SM 36	3592784
	TE-YX 25/52 + TE-YP SM 36	3592785
	TE-YX 28/52 + TE-YP SM 36	3592786
	TE-YX 30/57 + TE-YP SM 36	3592787
	TE-YX 32/57 + TE-YP SM 36	3592788

Please visit Hilti website for the latest item numbers and related products

Related products on page

Inserts 110, 118-122, 138-139

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
- Hammer drilling in concrete, masonry and natural stone with drill bits from 1/2" - 6" in diameter
- Drilling holes for heavy-duty anchors from 3/4" - 1 3/4" in diameter

ADVANTAGES

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



Technical data

Rated input power	1800 W
Working mode	Hammer drilling, Drilling only, Chiseling, Chisel setting
Hammer drill bits (optimum diameter Drilling diameter range)	20 - 40 mm
Drilling diameter range for hammer drill bits	12 - 40 mm
Rotation speed gear 1 under no load	360 rpm
Single impact energy	11.5 J
Full hammering frequency	2760 impacts/minute
Triaxial vibration value for hammer drilling into concrete (ah,HD)¹⁾	10 m/s ²
Chiselling function	Yes
Dimensions (LxWxH)	540 x 125 x 305 mm
Weight according to EPTA	8.3 kg

¹⁾ according to EN 60745-2-6



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Package contents

	Inserts	Item Number
TE 70-AVR 230V	TE-YX 25/52 + TE-YP SM 36	3573062
	TE-YX 28/52 + TE-YP SM 36	3573063
	TE-YX 30/57 + TE-YP SM 36	3573064
	TE-YX 32/57 + TE-YP SM 36	3573065
	TE-YX 40/57 + TE-YP SM 36	3573066
TE 70-AVR 110V	TE-YX 25/52 + TE-YP SM 36	3573057
	TE-YX 28/52 + TE-YP SM 36	3573058
	TE-YX 30/57 + TE-YP SM 36	3573059
	TE-YX 32/57 + TE-YP SM 36	3573060
	TE-YX 40/57 + TE-YP SM 36	3573061

Please visit Hilti website for the latest item numbers and related products

Related products on page

Inserts 110, 118-122, 138-139

Combihammer TE 70-ATC/AVR



3

APPLICATIONS

- Hammer drilling in concrete, masonry and natural stone with drill bits 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
- Hammer drilling in concrete, masonry and natural stone with drill bits 1/2" - 6" in diameter
- Drilling holes for heavy-duty anchors from 3/4" - 1-3/4" in diameter

ADVANTAGES

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

Technical data

Rated input power	1800 W
Working mode	Hammer drilling, Drilling only, Chiselling, Chisel setting
Hammer drill bits (optimum diameter range)	20 - 40 mm
Drilling diameter range for hammer drill bits	12 - 40 mm
Rotation speed gear 1 under no load	360 rpm
Single impact energy	11.5 J
Full hammering frequency	2760 impacts/minute
Triaxial vibration value for hammer drilling into concrete (ah,HD)¹⁾	10 m/s ²
Chiselling function	Yes
Dimensions (LxWxH)	540 x 125 x 324 mm
Weight according to EPTA	9.5 kg

¹⁾ according to EN 60745-2-6



2

3

3

Fleet Management

SDS max

AVR

ATG

product design award
2008

product design award
2014 GOLD

DRS

with VC 20 / 40-U / VC 40-U-Y and TE-YD or TE-DRS-Y

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Package contents



















	Inserts	Item Number
TE 70-ATC/AVR 230V	TE-YX 25/52 + TE-YP SM 36	3573072
	TE-YX 28/52 + TE-YP SM 36	3573073
	TE-YX 30/57 + TE-YP SM 36	3573074
	TE-YX 32/57 + TE-YP SM 36	3573075
	TE-YX 40/57 + TE-YP SM 36	3573076
TE 70-ATC/AVR 110V	TE-YX 25/52 + TE-YP SM 36	3573067
	TE-YX 28/52 + TE-YP SM 36	3573068
	TE-YX 30/57 + TE-YP SM 36	3573069
	TE-YX 32/57 + TE-YP SM 36	3573070
	TE-YX 40/57 + TE-YP SM 36	3573071

Please visit Hilti website for the latest item numbers and related products

Related products on page

Inserts 110, 118-122, 138-139

Accessories for Combihammers

Ordering designation		TE 30	TE 30-AVR	TE 50-AVR	TE 60	TE 60-ATC/AVR	TE 70-AVR	TE 70-ATC/AVR	Sales pack quantity	Item number
Dust removal system TE-DRS-Y				■	■	■	■	■	1 pc	2055718
Dust removal system TE-DRS-S		■	■						1 pc	340602
Supply cord TE 50-AVR 110V 4m				■					1 pc	2127160
Supply cord TE 50-AVR 230V 4m				■					1 pc	2127089
Key-type chuck		■	■						1 pc	282342
Quick-release chuck 13				■	■	■	■	■	1 pc	60208
Quick-release chuck TE 16/TE 30		■	■						1 pc	282341
Chuck TE-C Click		■	■						1 pc	284095
Chuck Spindle TE-Y-BFH				■	■	■	■	■	1 pc	263359
Adapter TE-FY-BA-C assy				■	■	■			1 pc	74068
Adapter TE-Y-AD							■	■	1 pc	382390
Drill bit extension TE-FY-E35							■	■	1 pc	1952
Drill bit extension TE-FY-E60							■	■	1 pc	1953 ¹⁾
Drill bit extension TE-FY-E85							■	■	1 pc	1954 ¹⁾
Depth gauge TE 70 /TE 80				■	■	■			1 pc	410332
Depth gauge TE TA 70 / 80.3							■	■	1 pc	2082410
Univ. vacuum cleaner VC 40-U 230V		■	■	■	■	■	■	■	1 pc	212300
Univ. vacuum cleaner VC 40-U 110V		■	■	■	■	■	■	■	1 pc	218345 ¹⁾

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

Please visit Hilti website for the latest item numbers and related products

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.



Count on Hilti.

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 12-32mm)
- Solid carbide and 6 cutting edges (TE-YX 35-40mm)
- 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.



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 carbide position for easy core disposal.
- Dust free drilling with DRS system.

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.

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.

Hammer drill bit TE-CX



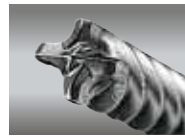
SDS plus

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 verifies suitability for setting anchors as long as the mark is visible
- Solid carbide head with four carbide cutting edges in innovative X-geometry for optimum material removal



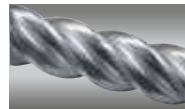
Solid carbide head

The solid carbide head with 4 cutting edges in innovative X-design ensures optimum hole-starting characteristics and prevents catching and jamming on rebars.



Wear mark

The anchor suitability indicator on the head helps ensure trouble-free anchor installation – the holes are accurate so long as the wear mark is visible. In the unlikely event of breakage, the drill bit will be replaced so long as the wearmark on the helix is still visible.



New helix design

Each of the four carbide cutting edges leads into its own helical flute for more efficient removal of dust and fragments and thus faster drilling progress.

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Ordering designation	Diameter	Working length	Overall length	Item number (1pc)	Item number (8pc)	Item number (16pc)
TE-CX 5/12	5 mm	50 mm	120 mm	433782	2021990	2022022
TE-CX 5/17	5 mm	100 mm	170 mm	433786	-	-
TE-CX 6/12	6 mm	50 mm	120 mm	433788	2021997	-
TE-CX 6/17	6 mm	100 mm	170 mm	433789	2021998	2022027
TE-CX 6/22	6 mm	150 mm	220 mm	433790	2021999	2022028
TE-CX 6/27	6 mm	200 mm	270 mm	433791	2022000	-
TE-CX 6/32	6 mm	250 mm	320 mm	409172	-	-
TE-CX 6/51	6 mm	440 mm	510 mm	409173	-	-
TE-CX 7/17	7 mm	100 mm	170 mm	409174	-	-
TE-CX 8/12	8 mm	50 mm	120 mm	409175	-	-
TE-CX 8/17	8 mm	100 mm	170 mm	409176	2022003	2022032
TE-CX 8/22	8 mm	150 mm	220 mm	409177	2022004	2022033
TE-CX 8/27	8 mm	200 mm	270 mm	409178	-	-
TE-CX 8/32	8 mm	250 mm	320 mm	409179	-	-
TE-CX 8/37	8 mm	300 mm	370 mm	409180	-	-
TE-CX 8/47	8 mm	400 mm	470 mm	409181	-	-
TE-CX 8/61	8 mm	540 mm	610 mm	409182	-	-
TE-CX 8/90	8 mm	830 mm	900 mm	2131026 ¹⁾	-	-
TE-CX 8/123	8 mm	1160 mm	1230 mm	2131027 ¹⁾	-	-
TE-CX 8.5/17	8.5 mm	100 mm	170 mm	409183	-	-
TE-CX 8.5/22	8.5 mm	150 mm	220 mm	409184	-	-
TE-CX 9/17	9 mm	100 mm	170 mm	409185	-	-
TE-CX 9/22	9 mm	150 mm	220 mm	409186	-	-
TE-CX 10/12	10 mm	50 mm	120 mm	409187	-	-
TE-CX 10/17	10 mm	100 mm	170 mm	409188	2022008	2022035
TE-CX 10/22	10 mm	150 mm	220 mm	409189	2022009	2022036
TE-CX 10/27	10 mm	200 mm	270 mm	409190	2022010	2022037
TE-CX 10/37	10 mm	300 mm	370 mm	409191	-	-
TE-CX 10/47	10 mm	400 mm	470 mm	409192	-	-
TE-CX 10/61	10 mm	540 mm	610 mm	409193	-	-
TE-CX 10/90	10 mm	830 mm	900 mm	2131028 ¹⁾	-	-
TE-CX 10/125	10 mm	1180 mm	1250 mm	2131029 ¹⁾	-	-
TE-CX 10.5/17	10.5 mm	100 mm	170 mm	409194	-	-
TE-CX 10.5/47	10.5 mm	400 mm	470 mm	2031533 ¹⁾	-	-
TE-CX 11/22	11 mm	150 mm	220 mm	409195	-	-
TE-CX 12/12	12 mm	50 mm	120 mm	409196	-	-
TE-CX 12/17	12 mm	100 mm	170 mm	409197	2022012	2022038
TE-CX 12/22	12 mm	150 mm	220 mm	409198	2022013	2022039
TE-CX 12/27	12 mm	200 mm	270 mm	409199	2022014	2022040
TE-CX 12/37	12 mm	300 mm	370 mm	409200	-	-
TE-CX 12/47	12 mm	400 mm	470 mm	409201	-	-
TE-CX 12/61	12 mm	540 mm	610 mm	409202	-	-

Please visit Hilti website for the latest item numbers and related products

Ordering designation	Diameter	Working length	Overall length	Item number (1pc)	Item number (8pc)	Item number (16pc)
TE-CX 12/90	12 mm	830 mm	900 mm	2131130 ¹⁾	2022015	-
TE-CX 12/100	12 mm	930 mm	1000 mm	206555 ¹⁾		
TE-CX 12/125	12 mm	1180 mm	1250 mm	2131131 ¹⁾		
TE-CX 12.5/17	12.5 mm	100 mm	170 mm	409203	2022015	-
TE-CX 14/90	14 mm	830 mm	900 mm	2131132 ¹⁾	-	-
TE-CX 14/126	14 mm	1190 mm	1260 mm	2131133 ¹⁾	-	-
TE-CX 15/17	15 mm	100 mm	170 mm	409211	-	-
TE-CX 15/27	15 mm	200 mm	270 mm	409212	-	-
TE-CX 15/47	15 mm	400 mm	470 mm	409213	-	-
TE-CX 16/17	16 mm	100 mm	170 mm	409214	2022019	-
TE-CX 16/90	16 mm	830 mm	900 mm	2131134 ¹⁾	-	-
TE-CX 16/128	16 mm	1210 mm	1280 mm	2131135 ¹⁾	-	-
TE-CX 17/22	17 mm	150 mm	220 mm	409219	-	-
TE-CX 18/22	18 mm	150 mm	220 mm	421956	-	-
TE-CX 18/32	18 mm	250 mm	320 mm	421960	-	-
TE-CX 18/48	18 mm	410 mm	480 mm	421961	-	-
TE-CX 18/90	18 mm	830 mm	900 mm	427815	-	-
TE-CX 18/130	18 mm	1230 mm	1300 mm	438780 ¹⁾	-	-
TE-CX 20/22	20 mm	150 mm	220 mm	421963	-	-
TE-CX 20/32	20 mm	250 mm	320 mm	421965	-	-
TE-CX 20/48	20 mm	410 mm	480 mm	421966	-	-
TE-CX 20/90	20 mm	540 mm	900 mm	427816	-	-
TE-CX 22/27	22 mm	200 mm	270 mm	421968	-	-
TE-CX 22/48	22 mm	410 mm	480 mm	421969	-	-
TE-CX 24/27	24 mm	200 mm	270 mm	421971	-	-
TE-CX 24/62	24 mm	550 mm	620 mm	427817	-	-
TE-CX 25/27	25 mm	200 mm	270 mm	421977	-	-
TE-CX 25/48	25 mm	410 mm	480 mm	422660	-	-
TE-CX 28/27	28 mm	200 mm	270 mm	421981	-	-
TE-CX 28/48	28 mm	410 mm	480 mm	421983	-	-

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

Please visit Hilti website for the latest item numbers and related products

Related products on page

Tools 98-102

Hammer drill bit set TE-CX



APPLICATIONS

- Drilling holes for metal anchors in reinforced and unreinforced concrete

ADVANTAGES

- New solid carbide head for less wear and more holes with the accuracy required for setting anchors

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Ordering designation	Package contents	Sales pack quantity	Item number
TE-CX (6) M1 set	1x TE-CX 5/12, 2x TE-CX 6/17, 1x TE-CX 8/17, 1x TE-CX 10/17, 1x TE-CX 12/17	1 pc	411214
TE-CX (6) M2 set	2x TE-CX 6/17, 2x TE-CX 8/17, 2x TE-CX 10/17	1 pc	436095
TE-CX (6) M9 set	2x TE-CX 10/17, 2x TE-CX 12/17, 2x TE-CX 16/17	1 pc	436094

Please visit Hilti website for the latest item numbers and related products

Related products on page

Tools 98-102

Hammer drill bit in imperial sizes TE-CX



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APPLICATIONS

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

ADVANTAGES

- The anchor suitability indicator on the head helps ensure trouble-free anchor installation - the holes are accurate as long as the wear mark is visible
- In the unlikely event of breakage, the drill bit will be considered for replacement 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

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Ordering designation	Diameter	Working length	Overall length	Item number (1pc)	Item number (8pc)
TE-CX 1/4"-6"	6.35 mm	102 mm	152 mm	435000	2025906
TE-CX 3/8"-6"	9.525 mm	102 mm	152 mm	435006	2025909
TE-CX 1/2"-6"	12.7 mm	102 mm	152 mm	435012	2025920
TE-CX 1/2"-12"	12.7 mm	241 mm	305 mm	435013	-
TE-CX 26/27, 1"-10"	25.4 mm	200 mm	254 mm	421979	-
TE-CX 26/48, 1"-18"	25.4 mm	400 mm	457 mm	421980	-

Please visit Hilti website for the latest item numbers and related products

Auto setting tool HKD-TE-CX (Long)



SDS plus



reddot award 2015
best of the best



APPLICATIONS

- Installation of the Hilti HKD short drop-in anchor for fastening pipes, air ducts and suspended ceilings

ADVANTAGES

- Drilling and setting with one tool

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Ordering designation	Diameter	Working length	Overall length	Item number (1pc)	Item number (8pc)
HKD-TE-CX M8 5/16x30	10 mm	33 mm	169 mm	1 pc	2112619
HKD-TE-CX M10 3/8x40	12 mm	44 mm	191 mm	1 pc	2112752
HKD-TE-CX M12x50 ø15	15 mm	55 mm	238 mm	1 pc	2112753
HKD-TE-CX M12 1/2x50 ø16	16 mm	55 mm	238 mm	1 pc	2112754

Please visit Hilti website for the latest item numbers and related products

Stop drill bit HKD-TE-CX-B



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Ordering designation	Diameter	Working length	Overall length	Item number (1pc)	Item number (8pc)
HKD-TE-CX-B M8 5/16x30	10 mm	33 mm	112 mm	1 pc	2112755
HKD-TE-CX-B M10 3/8x40	12 mm	44 mm	123 mm	1 pc	2112758
HKD-TE-CX-B M12x50 ø15	15 mm	55 mm	144 mm	1 pc	2112759
HKD-TE-CX-B M12 1/2x50 ø16	16 mm	55 mm	144 mm	1 pc	2112760

Please visit Hilti website for the latest item numbers and related products

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

Order Now



Ordering designation	Diameter	Working length	Overall length	Item number (1pc)	Item number (8pc)	Item number (16pc)
TE-C 5.5/16	5.5 mm	100 mm	160 mm	2037006	2037055	-
TE-C 6/11	6 mm	50 mm	110 mm	2037007	2037056	2037085
TE-C 6/16	6 mm	100 mm	160 mm	2037008	2037057	2037086
TE-C 6/21	6 mm	150 mm	210 mm	2037009	2037058	-
TE-C 6.5/11	6.5 mm	50 mm	110 mm	2037011	-	-
TE-C 8/16	8 mm	100 mm	160 mm	2037017	2037064	2037091
TE-C 8/21	8 mm	150 mm	210 mm	2037018	2037065	-
TE-C 10/16	10 mm	100 mm	160 mm	2037022	2037068	2037094
TE-C 10/21	10 mm	150 mm	210 mm	2037023	2037069	-
TE-C 12/16	12 mm	100 mm	160 mm	2037029	2037072	2037097
TE-C 12/21	12 mm	150 mm	210 mm	2037030	2037073	-
TE-C 14/21	14 mm	150 mm	210 mm	2037037 ¹⁾	-	-
TE-C 15/16	15 mm	100 mm	160 mm	2037041	2037079	-
TE-C 16/16	16 mm	100 mm	160 mm	2037042	2037080	2037103
TE-C 16/21	16 mm	150 mm	210 mm	2037043	2037081	-
TE-C 17/21	17 mm	150 mm	210 mm	2037046 ¹⁾	-	-

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

Please visit Hilti website for the latest item numbers and related products

Related products on page

Tools 98-102

Hammer drill bit set TE-C



APPLICATIONS

- Drilling holes for metal and plastic anchors

ADVANTAGES

- 2 cutting edges with direct transition into the helix for faster, steadier drilling progress

Ordering designation	Package contents	Sales pack quantity	Item number
TE-C (6) M1 kit	1x TE-C 5/12, 2x TE-C 6/17, 1x TE-C 8/17, 1x TE-C 10/17, 1x TE-C 12/17	1 pc	2037124 ¹⁾

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

Please visit Hilti website for the latest item numbers and related products

Related products on page

Tools 98-102

Hammer drill bit in imperial sizes TE-C



SDS plus

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
- Wide helix spine for good dust transportation and extended time

Ordering designation	Diameter	Working length	Overall length	Item number (1pc)	Item number (8pc)
TE-C 1/4"-6"	6.35 mm	102 mm	152 mm	2038073	2038093
TE-C 3/8"-6"	9.525 mm	101 mm	152 mm	2038076 ¹⁾	2038094
TE-C 1/2"-6"	12.7 mm	101 mm	152 mm	2038080	2038095

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

Please visit Hilti website for the latest item numbers and related products

Related products on page

Tools 98-102

Hollow hammer drill bit



APPLICATIONS

- Drilling holes for anchoring structural steel connections (e.g. steel columns, beams)
- Drilling holes for structural connections with post-installed rebar
- Drilling holes for anchoring of secondary steel structures (e.g. staircases, steel ledgers)
- Drilling holes for structure renovation/upgrades with post-installed rebar
- Drilling holes for substitution of misplaced/missing rebar
- Drilling holes for anchoring of railings/safety barriers

ADVANTAGES

- Drilling and borehole cleaning in one step
- Optimum borehole cleaning and for consistent anchor setting
- Same robustness, lifetime and speed as TE-YX and TE-CX drill bits
- Minimized catching or sticking when drilling into rebars

Hollow drill bit TE-CD



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Ordering designation	Diameter	Working length	Overall length	Sales pack quantity	Item number (8pc)
TE-CD 12/33	12 mm	200 mm	330 mm	1 pc	2018940
TE-CD 14/37	14 mm	240 mm	370 mm	1 pc	2018942
TE-CD 16/37	16 mm	240 mm	370 mm	1 pc	2018945
TE-CD 18/37	18 mm	240 mm	370 mm	1 pc	2018946

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Related products on page

Tools 98-102

Hollow drill bit TE-YD



reddot design award
best of the best 2013

SAFE-SET



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Ordering designation	Diameter	Working length	Overall length	Sales pack quantity	Item number
TE-YD 16/59	16 mm	400 mm	590 mm	1 pc	2018956
TE-YD 18/59	18 mm	400 mm	590 mm	1 pc	2018957
TE-YD 20/59	20 mm	400 mm	590 mm	1 pc	2018959
TE-YD 22/59	22 mm	400 mm	590 mm	1 pc	2018960
TE-YD 25/59	25 mm	400 mm	590 mm	1 pc	2018962
TE-YD 25/89	25 mm	700 mm	890 mm	1 pc	2078876
TE-YD 25/119	25 mm	1000 mm	1190 mm	1 pc	2078877 ¹⁾
TE-YD 28/59	28 mm	400 mm	590 mm	1 pc	2018964
TE-YD 28/89	28 mm	700 mm	890 mm	1 pc	2078880 ¹⁾
TE-YD 28/119	28 mm	1000 mm	1190 mm	1 pc	2078881 ¹⁾
TE-YD 32/59	32 mm	400 mm	590 mm	1 pc	2018966
TE-YD 32/89	32 mm	700 mm	890 mm	1 pc	2078884
TE-YD 32/119	32 mm	1000 mm	1190 mm	1 pc	2078885
TE-YD 35/59	35 mm	400 mm	590 mm	1pc	2104722 ¹⁾

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

Please visit Hilti website for the latest item numbers and related products

Related products on page

Tools 104-109

Hammer drill bit TE-YX



SDS max

APPLICATIONS

- Easy drilling 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, ductile core for robustness
- Drill bit head embedded on four sides for maximum durability and longer life



Solid carbide head

The solid carbide head with 4 cutting edges in innovative X-design ensures optimum hole-starting characteristics and prevents catching and jamming on rebars.



Wear mark

The anchor suitability indicator on the head helps ensure trouble-free anchor installation – the holes are accurate so long as the wear mark is visible. In the unlikely event of breakage, the drill bit will be replaced so long as the wearmark on the helix is still visible.



New helix design

Each of the four carbide cutting edges leads into its own helical flute for more efficient removal of dust and fragments and thus faster drilling progress.

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3

Ordering designation	Diameter	Working length	Overall length	Sales pack quantity	Item number
TE-YX 12/35	12 mm	200 mm	350 mm	1 pc	206499
TE-YX 12/55	12 mm	400 mm	550 mm	1 pc	206500
TE-YX 12/67	12 mm	520 mm	670 mm	1 pc	206501
TE-YX 14/35	14 mm	200 mm	350 mm	1 pc	206502
TE-YX 14/55	14 mm	400 mm	550 mm	1 pc	206503
TE-YX 15/35	15 mm	200 mm	350 mm	1 pc	206504
TE-YX 15/55	15 mm	400 mm	550 mm	1 pc	206505
TE-YX 16/35	16 mm	200 mm	350 mm	1 pc	206506
TE-YX 16/55	16 mm	400 mm	550 mm	1 pc	206507
TE-YX 16/92	16 mm	770 mm	920 mm	1 pc	206508
TE-YX 18/32	18 mm	200 mm	320 mm	1 pc	2122290
TE-YX 18/52	18 mm	400 mm	520 mm	1 pc	2122292
TE-YX 18/72	18 mm	600 mm	720 mm	1 pc	427845
TE-YX 18/92	18 mm	800 mm	920 mm	1 pc	293054
TE-YX 18/130	18 mm	1170 mm	1300 mm	1 pc	293140 ¹⁾
TE-YX 20/32	20 mm	200 mm	320 mm	1 pc	2122295
TE-YX 20/52	20 mm	400 mm	520 mm	1 pc	2122297
TE-YX 20/72	20 mm	600 mm	720 mm	1 pc	427846
TE-YX 20/92	20 mm	800 mm	920 mm	1 pc	293143
TE-YX 20/130	20 mm	1150 mm	1300 mm	1 pc	293148 ¹⁾
TE-YX 22/32	22 mm	200 mm	320 mm	1 pc	2122300
TE-YX 22/52	22 mm	400 mm	520 mm	1 pc	2122302
TE-YX 22/72	22 mm	600 mm	720 mm	1 pc	427847
TE-YX 22/92	22 mm	800 mm	920 mm	1 pc	293177
TE-YX 22/130	22 mm	1170 mm	1300 mm	1 pc	293180 ¹⁾
TE-YX 24/32	24 mm	200 mm	320 mm	1 pc	2122216
TE-YX 24/52	24 mm	400 mm	520 mm	1 pc	2122218
TE-YX 24/92	24 mm	800 mm	920 mm	1 pc	293205
TE-YX 25/32	25 mm	200 mm	320 mm	1 pc	2122274
TE-YX 25/52	25 mm	400 mm	520 mm	1 pc	2122276
TE-YX 25/72	25 mm	600 mm	720 mm	1 pc	427848
TE-YX 25/92	25 mm	800 mm	920 mm	1 pc	293229
TE-YX 25/130	25 mm	1150 mm	1300 mm	1 pc	293230 ¹⁾
TE-YX 26/32	26 mm	200 mm	320 mm	1 pc	2122287
TE-YX 28/32	28 mm	200 mm	320 mm	1 pc	2122279
TE-YX 28/52	28 mm	400 mm	520 mm	1 pc	2122280
TE-YX 28/92	28 mm	800 mm	920 mm	1 pc	293236
TE-YX 28/130	28 mm	1150 mm	1300 mm	1 pc	293238
TE-YX 30/37	30 mm	250 mm	370 mm	1 pc	2122282
TE-YX 30/57	30 mm	450 mm	570 mm	1 pc	2122283
TE-YX 30/92	30 mm	800 mm	920 mm	1 pc	293259
TE-YX 30/130	30 mm	1150 mm	1300 mm	1 pc	293286
TE-YX 32/37	32 mm	250 mm	370 mm	1 pc	2122284

Please visit Hilti website for the latest item numbers and related products

Customer Hotline: Hong Kong 8228 8118, Macau 00800 8228 8118 Email: hksales@hilti.com

Ordering designation	Diameter	Working length	Overall length	Sales pack quantity	Item number
TE-YX 32/57	32 mm	450 mm	570 mm	1 pc	2122285
TE-YX 32/92	32 mm	800 mm	920 mm	1 pc	293410
TE-YX 32/130	32 mm	1150 mm	1300 mm	1 pc	293411
TE-YX 35/57	35 mm	450 mm	570 mm	1 pc	2120339
TE-YX 37/37	37 mm	250 mm	370 mm	1 pc	2120420
TE-YX 37/57	37 mm	450 mm	570 mm	1 pc	2120421
TE-YX 37/92	37 mm	800 mm	920 mm	1 pc	2120422
TE-YX 37/130	37 mm	1150 mm	1300 mm	1 pc	2120423
TE-YX 40/37	40 mm	250 mm	370 mm	1 pc	2120425
TE-YX 40/57,1 9/16"-23"	40 mm	450 mm	570 mm	1 pc	2120427
TE-YX 40/92	40 mm	800 mm	920 mm	1 pc	2120426

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

Please visit Hilti website for the latest item numbers and related products

Related products on page

Tools 104-109

Hammer drill bit TE-Y



SDS max



APPLICATIONS

- Through-holes and penetrations in concrete and masonry in the plumbing, heating and air-conditioning systems installation trades

ADVANTAGES

- Fast drilling thanks to a short transition between the carbide tip and helix

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Ordering designation	Diameter	Working length	Overall length	Sales pack quantity	Item number
TE-Y 12/35	12 mm	200 mm	350 mm	1 pc	418301
TE-Y 12/55	12 mm	400 mm	550 mm	1 pc	418302
TE-Y 14/35	14 mm	200 mm	350 mm	1 pc	418303 ¹⁾
TE-Y 14/55	14 mm	400 mm	550 mm	1 pc	418304 ¹⁾
TE-Y 15/35	15 mm	200 mm	350 mm	1 pc	418305 ¹⁾
TE-Y 15/55	15 mm	400 mm	550 mm	1 pc	418306
TE-Y 16/35	16 mm	200 mm	350 mm	1 pc	418307
TE-Y 16/55	16 mm	400 mm	550 mm	1 pc	418308
TE-Y 18/32	18 mm	200 mm	320 mm	1 pc	418309 ¹⁾
TE-Y 18/52	18 mm	400 mm	520 mm	1 pc	418310 ¹⁾
TE-Y 20/32	20 mm	200 mm	320 mm	1 pc	418311 ¹⁾
TE-Y 20/52	20 mm	400 mm	520 mm	1 pc	418312
TE-Y 22/32	22 mm	200 mm	320 mm	1 pc	418313 ¹⁾
TE-Y 22/52	22 mm	400 mm	520 mm	1 pc	418314 ¹⁾
TE-Y 24/32	24 mm	200 mm	320 mm	1 pc	418315
TE-Y 24/52	24 mm	400 mm	520 mm	1 pc	418316
TE-Y 25/32	25 mm	200 mm	320 mm	1 pc	418317
TE-Y 25/52	25 mm	400 mm	520 mm	1 pc	418318
TE-Y 26/28	26 mm	150 mm	280 mm	1 pc	418319 ¹⁾
TE-Y 28/37	28 mm	250 mm	370 mm	1 pc	418320 ¹⁾
TE-Y 28/57	28 mm	450 mm	570 mm	1 pc	418321
TE-Y 30/37	30 mm	250 mm	370 mm	1 pc	418322 ¹⁾
TE-Y 30/57	30 mm	450 mm	570 mm	1 pc	418323
TE-Y 32/37	32 mm	250 mm	370 mm	1 pc	418324
TE-Y 32/57	32 mm	450 mm	570 mm	1 pc	418325
TE-Y 35/57	35 mm	450 mm	570 mm	1 pc	418326 ¹⁾
TE-Y 37/37	37 mm	250 mm	370 mm	1 pc	418327 ¹⁾
TE-Y 37/57	37 mm	450 mm	570 mm	1 pc	418328 ¹⁾
TE-Y 40/57	40 mm	450 mm	570 mm	1 pc	418329

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

Please visit Hilti website for the latest item numbers and related products

Related products on page

Tools 104-109

Hammer drill bit in imperial sizes TE-Y

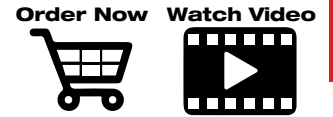


APPLICATIONS

- Through-holes and penetrations in concrete and masonry in the plumbing, heating and air-conditioning systems installation trades

ADVANTAGES

- Fast drilling thanks to a short transition between the carbide tip and helix



Ordering designation	Diameter	Working length	Overall length	Sales pack quantity	Item number
TE-Y 1 3/4" - 23"	44.45 mm	448 mm	584 mm	1 pc	346629
TE-Y 2"-23"	50.8 mm	448 mm	584 mm	1 pc	346630

Please visit Hilti website for the latest item numbers and related products

Related products on page

Tools 104-109

Percussion core bit TE-Y-BK

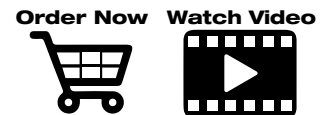


APPLICATIONS

- Socket cutting

ADVANTAGES

- Easy socket cutting and drilling penetrations in masonry



Ordering designation	Diameter	Working length	Overall length	Sales pack quantity	Item number
TE-Y-BK 10/13 SET	10 mm	80 mm	130 mm	1 pc	2006300 ¹⁾
TE-Y-BK 45/290	45 mm	170 mm	290 mm	1 pc	2006301 ¹⁾
TE-Y-BK 45/550	45 mm	430 mm	550 mm	1 pc	2006302 ¹⁾
TE-Y-BK 50/290	50 mm	170 mm	290 mm	1 pc	2006303 ¹⁾
TE-Y-BK 50/550	50 mm	430 mm	550 mm	1 pc	2006304 ¹⁾
TE-Y-BK 55/290	55 mm	170 mm	290 mm	1 pc	2006305 ¹⁾
TE-Y-BK 55/550	55 mm	430 mm	550 mm	1 pc	2006306 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 82/290	82 mm	170 mm	290 mm	1 pc	2006309 ¹⁾
TE-Y-BK 82/550	82 mm	430 mm	550 mm	1 pc	2006310 ¹⁾
TE-Y-BK 90/290	90 mm	170 mm	290 mm	1 pc	2006311 ¹⁾
TE-Y-BK 90/550	90 mm	430 mm	550 mm	1 pc	2006312 ¹⁾
TE-Y-BK 100/550	100 mm	430 mm	550 mm	1 pc	2006313 ¹⁾
TE-Y-BK 125/550	125 mm	430 mm	550 mm	1 pc	2006314 ¹⁾
TE-Y-BK 150/550	150 mm	430 mm	550 mm	1 pc	2006315 ¹⁾

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

Please visit Hilti website for the latest item numbers and related products

Related products on page

Tools 104-109

Bell-shaped bit TE-Y GB



SDS max



APPLICATIONS

- Drilling large penetrations in concrete and masonry

ADVANTAGES

- Brazed carbide tips

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Ordering designation	Diameter	Working length	Overall length	Sales pack quantity	Item number
TE-Y GB 40/59-1 1/2"	40 mm	450 mm	590 mm	1 pc	220609 ¹⁾
TE-Y-GB 40/92	40 mm	780 mm	920 mm	1 pc	220610 ¹⁾
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	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⁾
TE-Y-GB 80/92	80 mm	780 mm	920 mm	1 pc	78674 ¹⁾

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

Please visit Hilti website for the latest item numbers and related products

Related products on page

Tools 104-109

Breaker TE 500-X



3

APPLICATIONS

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

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

Rated input power	1100 W
Single impact energy	7.5 J
Full hammering frequency	3180 impacts/minute
A-weighted emission sound pressure level ¹⁾	93 dB (A)
Max. chiselling performance	900 cm ³ /min
Triaxial vibration for chiselling in concrete ²⁾	15.9 m/s ²
Weight according to EPTA Procedure 01/2003	5 kg
Dimensions (LxWxH)	495 x 108 x 243 mm
Diameter	17 mm

¹⁾ according to EN 60745

²⁾ according to EN 60745-2-6



with VC 20 / 40-U / VC 40-U-Y and TE DRS-B



Order Now



Package contents

	Inserts	Item Number
TE 500-X 230V	4 x TE-H17P SM 28	3540768
TE 500-X 110V		3540767

Please visit Hilti website for the latest item numbers and related products

Related products on page

Inserts 128-130

Breaker TE 800-AVR



APPLICATIONS

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

ADVANTAGES

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



DRS

with VC 20 / 40-U / VC 40-U-Y and TE DRS-B

Technical data

Rated input power	1850 W
Single impact energy	21 J
Full hammering frequency	1890 impacts/minute
A-weighted emission sound pressure level ¹⁾	87 dB (A)
Max chiselling performance	2500 cm ³ /min
Triaxial vibration for chiselling in concrete ²⁾	8.0 m/s ²
Weight according to EPTA Procedure 01/2003	10.6 kg
Dimensions (LxWxH)	587 x 141 x 326 mm

¹⁾ according to EN 60745

²⁾ according to EN 60745-2-6



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Package contents

	Inserts	Item Number
TE 800-AVR 230V	4 x TE-SP SM 36	3537645
TE 800-AVR 110V		3537644

Please visit Hilti website for the latest item numbers and related products

Related products on page

Inserts 128, 130-133

Breaker TE 1000-AVR



3

APPLICATIONS

- Demolishing concrete and masonry at floor level or below waist level
- Renovation of floors of all kinds
- Corrective chiselling such as adjustments to door and window openings

ADVANTAGES

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

Technical data

Rated input power	1750 W
Single impact energy	26 J
Full hammering frequency	1950 impacts/minute
A-weighted emission sound pressure level ¹⁾	85 dB (A)
Max. chiselling performance	7800 cm ³ /min
Triaxial vibration for chiselling in concrete ²⁾	5.0 m/s ²
Weight according to EPTA Procedure 01/2003	12.5 kg
Dimensions (LxWxH)	710 x 141 x 305 mm

¹⁾ according to EN 60745

²⁾ according to EN 60745-2-6



with VC 20 / 40-U / VC 40-U-Y and TE DRS-B

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Package contents

	Inserts	Item Number
TE 1000-AVR 230V	4 x TE-SP SM 36	3540770
TE 1000-AVR 110V		3540769

Please visit Hilti website for the latest item numbers and related products

Related products on page

Inserts 128, 130-133

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

Rated input power	1800 W
Single impact energy	30 J
Full hammering frequency	1620 impacts/minute
A-weighted emission sound pressure level ¹⁾	89 dB (A)
Max chiselling performance	8830 cm ³ /min
Triaxial vibration for chiselling in concrete ²⁾	12 m/s ²
Weight according to EPTA Procedure 01/2003	14.2 kg
Dimensions (LxWxH)	760 x 138 x 230 mm

¹⁾ according to EN 60745

²⁾ according to EN 60745-2-6



with VC 20 / 40-U / VC 40-U-Y and TE DRS-B

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Package contents

	Inserts	Item Number
TE 1500-AVR 230V	TE-SP SM 36	3541025
TE 1500-AVR 110V		3541024

Please visit Hilti website for the latest item numbers and related products

Related products on page

Inserts 128, 130-133

Breaker TE 3000-AVR



3

APPLICATIONS

- Medium to heavy-duty demolition of concrete slabs and foundations
- Breaking up asphalt for road building, repair work and pipe laying
- Removing concrete for rebar connections and utility connections
- Digging and tamping in earthwork

ADVANTAGES

- Provides impressive hammering impact energy of 68 joules for demanding concrete demolition work
- Impressive breaking performance - up to 6 tons of concrete per hour, which puts the TE 3000 on a par with compressed air tools
- Minimal vibration
- 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
- Needs no compressor and is therefore easier to transport than air tools, highly versatile and ready for use in minutes

Technical data

Rated input power	2070 W
Single impact energy	68 J
Full hammering frequency	860 impacts/minute
A-weighted emission sound pressure level ¹⁾	94 dB (A)
Max. chiselling performance	40000 cm ³ /min
Triaxial vibration for chiselling in concrete ²⁾	7 m/s ²
Weight according to EPTA Procedure 01/2003	29.9 kg
Dimensions (LxWxH)	808 x 610 x 209 mm

¹⁾ according to EN 60745

²⁾ according to EN 60745-2-6



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Package contents





	Inserts	Item Number
TE 3000-AVR 230V	1 x SUPPLY CORD, 1 x TE-SP SM 40, 1 x TE-SP FM 40	3498510
TE 3000-AVR 110V		3530125

Please visit Hilti website for the latest item numbers and related products

Related products on page

Inserts 128, 134-135

Accessories for Demolition Hammers and Breakers

Ordering designation		TE 500-X	TE 800-AVR	TE 1000-AVR	TE 1500-AVR	TE 3000-AVR	Sales pack quantity	Item number
Dust removal system TE DRS-B		■	■	■	■		1 pc	365945
Supply cord TE 3000-AVR GB 110V						■	1 pc	414102
Supply cord TE 3000-AVR GB 230V						■	1 pc	414105
Trolley TE 3000-AVR						■	1 pc	401293

Please visit Hilti website for the latest item numbers and related products

POLYGON CHISELS

Peak performance without sharpening

INNOVATIVE NEW SELF-SHARPENING POLYGON DESIGN:

- More productive: Constant, high performance over the entire life of the chisel, better breaking effect
- Lower costs: No sharpening, reforging or rehardening necessary
- Fewer interruptions: Less sticking in the concrete or masonry
- More comfortable to work with, better handling, more precise



TOP QUALITY, BROAD RANGE OF APPLICATIONS

- Extra robust thanks to high-quality material and state-of-the-art production techniques
- In pointed, flat and wide-flat versions for a wide range of applications. Available in practical, economical chisel sets

Excellent chiseling performance, long system life and superior working comfort in conjunction with Hilti electric tools. Thanks to the self-sharpening effect, the polygon chisels cut costs even when used with electric tools from other manufacturers.

WAVE CHISELS

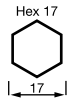


- Innovative wave design reduces sticking and increases productivity
- Consistently high performance over the entire service life of the chisel, improved breaking efficiency
- Self-sharpening for constantly high chiseling performance, no reforging / sharpening costs
- Induction hardening for highest reliability and lowest risk of breakage



Chisels for TE-H (Hex 17) connection end

Pointed chisel TE-H17P SM



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3

Technical data	
Tool type	TE 500-X

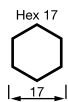
Ordering designation	Length	Sales pack quantity	Item number
TE-H17P SM 28	280 mm	1 pc	383451
TE-H17P SM 45	450 mm	1 pc	383452

Please visit Hilti website for the latest item numbers and related products

Related products on page

Tools 123

Narrow-flat chisel TE-H17P FM



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Technical data	
Tool type	TE 500-X

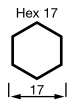
Ordering designation	Length	Width	Sales pack quantity	Item number
TE-H17P FM 28	280 mm	26 mm	1 pc	383453
TE-H17P FM 45	450 mm	26 mm	1 pc	383454

Please visit Hilti website for the latest item numbers and related products

Related products on page

Tools 123

Wide-flat chisel TE-H17P SPM



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Technical data	
Tool type	TE 500-X

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

Please visit Hilti website for the latest item numbers and related products

Related products on page

Tools 123

Universal shank TE-H17 SS



Technical data

Tool type TE 500-X

APPLICATIONS

- For use with tamping and bushing tools

ADVANTAGES

- Interchangeable with bushing or tamping tool

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

Please visit Hilti website for the latest item numbers and related products

Related products on page

Tools 123

Bushing tool head TP-SKHM



APPLICATIONS

- Roughening smooth surfaces

ADVANTAGES

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

Technical data

Tool type TE 500-X, TE 800-AVR, TE 1000-AVR, TE 1500-AVR

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Ordering designation	Length	Width	Sales pack quantity	Item number
TP-SKHM 40	50 mm	40 mm	1 pc	1829
SKHM 3	50 mm	60 mm	1 pc	88594

Please visit Hilti website for the latest item numbers and related products

Related products on page

Tools 123-126

Tamping plate TP-STP



APPLICATIONS

- Compacting ground and tamping asphalt

ADVANTAGES

- Tamping plate for easy handling in tamping work

Technical data

Tool type TE 500-X, TE 800-AVR, TE 1000-AVR, TE 1500-AVR

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Ordering designation	Sales pack quantity	Item number
TP-STP 150/150	1 pc	1908 ¹⁾

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

Please visit Hilti website for the latest item numbers and related products

Related products on page

Tools 123-126

Chisels for TE-S (Spline) connection end

Pointed wave chisel TE-SP SM



APPLICATIONS

- Breaking

ADVANTAGES

- Innovative Hilti Polygon design with self-sharpening tip profile

Technical data

Tool type	TE 800-AVR, TE 1000-AVR, TE 1500-AVR
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Ordering designation	Length	Sales pack quantity	Item number
TE-SP SM 36	360 mm	1 pc	2065553
TE-SP SM 50	500 mm	1 pc	2065554
TE-SP SM 70	700 mm	1 pc	2065555

Please visit Hilti website for the latest item numbers and related products

Related products on page

Tools 123-126

Narrow-flat wave chisel TE-SP FM



APPLICATIONS

- Breaking

ADVANTAGES

- Innovative design with self-sharpening blade

Technical data

Tool type	TE 800-AVR, TE 1000-AVR, TE 1500-AVR
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Ordering designation	Length	Width	Sales pack quantity	Item number
TE-SP FM 36	360 mm	32 mm	1 pc	2065556
TE-SP FM 50	500 mm	32 mm	1 pc	2065557
TE-SP FM 70	700 mm	32 mm	1 pc	2065558

Please visit Hilti website for the latest item numbers and related products

Related products on page

Tools 123-126

Wide-flat chisel TE-SP SPM



APPLICATIONS

- Chipping

ADVANTAGES

- Innovative design with self-sharpening blade

Technical data

Tool type	TE 800-AVR, TE 1000-AVR, TE 1500-AVR
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Ordering designation	Length	Width	Sales pack quantity	Item number
TE-SP SPM 5/36	360 mm	50 mm	1 pc	406773
TE-SP SPM 8/36	360 mm	80 mm	1 pc	406775
TE-SP SPM 12/36	360 mm	120 mm	1 pc	406777
TE-SP SPM 5/50	500 mm	50 mm	1 pc	406774 ¹⁾
TE-SP SPM 8/50	500 mm	80 mm	1 pc	406776
TE-SP SPM 12/50	500 mm	120 mm	1 pc	406778

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

Please visit Hilti website for the latest item numbers and related products

Related products on page

Tools 123-126

Universal tool shank TE-S SS



APPLICATIONS

- For use with tamping and bushing tools

ADVANTAGES

- Interchangeable with bushing or tamping tool

Technical data

Tool type	TE 800-AVR, TE 1000-AVR, TE 1500-AVR
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Ordering designation	Length	Sales pack quantity	Item number
TE-S SS 220	220 mm	1 pc	263023
TE-S SS 450	450 mm	1 pc	406786

Please visit Hilti website for the latest item numbers and related products

Related products on page

Tools 123-126

Pointed wall chisel TE-SW SM



APPLICATIONS

- Wall breaking

ADVANTAGES

- Air-hardening steel for longer lifetime, less mushrooming and easy re-sharpening using an angle grinder



Technical data

Tool type	TE 800-AVR, TE 1000-AVR, TE 1500-AVR
-----------	--------------------------------------

Order Now



3

Ordering designation	Length	Sales pack quantity	Item number
TE-SW SM30	300 mm	1 pc	2104282

Please visit Hilti website for the latest item numbers and related products

Related products on page

Tools 123-126

Narrow-flat wall chisel TE-SW FM



APPLICATIONS

- Openings in walls

ADVANTAGES

- Air-hardening steel for longer lifetime, less mushrooming and easy re-sharpening using an angle grinder



Technical data

Tool type	TE 800-AVR, TE 1000-AVR, TE 1500-AVR
-----------	--------------------------------------

Order Now



Ordering designation	Length	Width	Sales pack quantity	Item number
TE-SW FM30	300 mm	23 mm	1 pc	2104283 ¹⁾

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

Please visit Hilti website for the latest item numbers and related products

Related products on page

Tools 123-126

Chisels for TE-H (Hex 28) connection end

Pointed wave chisel TE-H28P SM



APPLICATIONS

- Heavy demolition in concrete

ADVANTAGES

- Fast and powerful penetration
- Design with polygon-wave for highest productivity in heavy



Technical data

Tool type	TE 3000-AVR
-----------	-------------

Order Now



Ordering designation	Length	Sales pack quantity	Item number
TE-H28P SM 40 Wave	400 mm	1 pc	2126919
TE-H28P SM 50 Wave	500 mm	1 pc	2126920
TE-H28P SM 40 Wave MP4	400 mm	4 pc	2126921
TE-H28P SM 50 Wave MP4	500 mm	4 pc	2126922

Please visit Hilti website for the latest item numbers and related products

Related products on page

Tools 127

Narrow-flat chisel TE-H28P FM



APPLICATIONS

- Controlled concrete demolition

ADVANTAGES

- Unmatched working length

Technical data

Tool type	TE 3000-AVR
-----------	-------------

Order Now



Ordering designation	Length	Width	Sales pack quantity	Item number
TE-H28P FM 40	400 mm	38 mm	1 pc	417826
TE-H28P FM 50	500 mm	38 mm	1 pc	417827 ¹⁾

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

Please visit Hilti website for the latest item numbers and related products

Related products on page

Tools 127

Wide-flat chisel TE-H28P SPM



APPLICATIONS

- Controlled concrete breaking

ADVANTAGES

- Unmatched working length

Technical data

Tool type	TE 3000-AVR
-----------	-------------

Order Now



Ordering designation	Length	Width	Sales pack quantity	Item number
TE-H28P SPM 8/40	400 mm	80 mm	1 pc	417828 ¹⁾
TE-H28P SPM 8/50	500 mm	80 mm	1 pc	417829 ¹⁾

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

Please visit Hilti website for the latest item numbers and related products

Related products on page

Tools 127

Tamping plate TE-H28 STP



APPLICATIONS

- Compacting loose ground and tamping asphalt

ADVANTAGES

- Easy to handle in various kinds of tamping work



Technical data

Tool type TE 3000-AVR

Order Now



3

Ordering designation	Sales pack quantity	Item number
TE-H28 STP 150x150	1 pc	47781 ¹⁾
TE-H28 STP 200x200	1 pc	47782 ¹⁾

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

Please visit Hilti website for the latest item numbers and related products

Related products on page

Tools 127

Universal shank TE-H28 SS



APPLICATIONS

- For use with Hilti TE-H28 STP tamping plates

ADVANTAGES

- Universal shank fits electric and air-powered demolition hammers and stand-up breakers with a 28 mm Hex connection



Technical data

Tool type TE 3000-AVR

Order Now



Ordering designation	Sales pack quantity	Item number
TE-H28 SS 40	1 pc	47779 ¹⁾

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

Please visit Hilti website for the latest item numbers and related products

Related products on page

Tools 127

Chisels for TE-C (SDS plus) connection end

Pointed chisel TE-CP SM



SDS plus

APPLICATIONS

- Light chiselling work

ADVANTAGES

- Innovative Hilti Polygon design with self-sharpening tip profile



Technical data

Tool type All rotary hammer with SDS Plus connection end

Order Now



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

Please visit Hilti website for the latest item numbers and related products

Related products on page

Tools 98-102

Narrow-flat chisel TE-CP FM



APPLICATIONS

- Chipping

ADVANTAGES

- Innovative design with self-sharpening tip profile

Technical data

Tool type	All rotary hammer with SDS Plus connection end
-----------	--

Order Now



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

Related products on page

Tools 98-102

Wide-flat chisel TE-CP SPM



APPLICATIONS

- Chipping

ADVANTAGES

- Innovative Hilti Polygon design with self-sharpening tip profile

Technical data

Tool type	All rotary hammer with SDS Plus connection end
-----------	--

Order Now



Ordering designation	Length	Width	Sales pack quantity	Item number
TE-CP SPM 6/18	180 mm	60 mm	1 pc	282302
TE-CP SPM 6/25	250 mm	60 mm	1 pc	282303

Please visit Hilti website for the latest item numbers and related products

Related products on page

Tools 98-102

Wide-flat chisel TE-CP SPME



APPLICATIONS

- Smoothing

ADVANTAGES

- Ground on one side



Technical data

Tool type	All rotary hammer with SDS Plus connection end
------------------	--

Order Now



3

Ordering designation	Length	Width	Sales pack quantity	Item number
TE-CP SPME 4/18	180 mm	40 mm	1 pc	282304¹⁾
TE-CP SPME 6/18	180 mm	60 mm	1 pc	282305¹⁾

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

Please visit Hilti website for the latest item numbers and related products

Related products on page

Tools 98-102

Wide-flat chisel/scrapper TE-CP SPMK



APPLICATIONS

- Chipping

ADVANTAGES

- Innovative Hilti Polygon design with self-sharpening tip profile



Technical data

Tool type	All rotary hammer with SDS Plus connection end
------------------	--

Order Now



Ordering designation	Length	Width	Sales pack quantity	Item number
TE-CP SPMK 4/18	180 mm	40 mm	1 pc	282307¹⁾
TE-CP SPMK 6/18	180 mm	60 mm	1 pc	282308¹⁾

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

Please visit Hilti website for the latest item numbers and related products

Related products on page

Tools 98-102

Chisels for TE-Y (SDS Max) connection end

Pointed chisel TE-YP SM



APPLICATIONS

- Breaking

ADVANTAGES

- Innovative Hilti Polygon design with self-sharpening tip profile

Technical data

Tool type	All combihammer with SDS Max connection end
------------------	---

Order Now



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 SM 50	500 mm	1 pc	282265
TE-YP SM 70	700 mm	1 pc	282266 ¹⁾

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

Please visit Hilti website for the latest item numbers and related products

Related products on page

Tools 104-109

Narrow-flat chisel TE-YP-FM



APPLICATIONS

- Breaking

ADVANTAGES

- Innovative design with self-sharpening tip profile

Technical data

Tool type	All combihammer with SDS Max connection end
------------------	---

Order Now



Ordering designation	Length	Width	Sales pack quantity	Item number
TE-YP FM 28	280 mm	26 mm	1 pc	282267 ¹⁾
TE-YP FM 36	360 mm	26 mm	1 pc	282268
TE-YP FM 50	500 mm	26 mm	1 pc	282269
TE-YP FM 70	700 mm	26 mm	1 pc	282270 ¹⁾

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

Please visit Hilti website for the latest item numbers and related products

Related products on page

Tools 104-109

Wide-flat chisel TE-YP-SPM



APPLICATIONS

- Chipping

ADVANTAGES

- Innovative Hilti Polygon design with self-sharpening blade

Technical data

Tool type	All combihammer with SDS Max connection end
------------------	---

Order Now



3

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
TE-YP SPM 5/36	360 mm	50 mm	1 pc	282273 ¹⁾
TE-YP SPM 12/36	360 mm	120 mm	1 pc	282274 ¹⁾

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

Please visit Hilti website for the latest item numbers and related products

Related products on page

Tools 104-109

CUTTING, SAWING AND GRINDING





Angle Grinders

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HILTI CUTTING, GRINDING AND SAWING TOOLS

Outperforming makes every task easier

Applications	Systems	Pages
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	<p>AG 125-15DB angle grinder 1500W motor on a 5" grinder for cutting and grinding concrete, hard stone, steel and metal with dust free capability.</p>	 <p>145</p>
	<p>AG 180-20D angle grinder High power 2000W motor on a 7" grinder for cutting and grinder more efficiently.</p>	 <p>146</p>
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4" Angle grinder AG 100-S



APPLICATIONS

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

ADVANTAGES

- Powerful 850 W(AG 100-8S) / 700 W(AG 100-7S) motor
- Low-profile design for easy access to tight spaces
- Convenient and easy to use
- Good working comfort – less tiring to use over long periods
- Comes complete with a spare set of carbon brushes



with VC 20 / 40-U / VC 40-U-Y and DG-EX 100/4" (Only for concrete grinding)

Technical data

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



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Package contents

Tools	Inserts	Item Number
AG 100-8S 230V	CUTTING DISC AC-D 4" SP MP25	3553415
AG 100-7S 110V		3553416

Please visit Hilti website for the latest item numbers and related products

Related products on page

Inserts 147-151

4" Angle grinder AG 100-D



APPLICATIONS

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

ADVANTAGES

- Powerful 850W(AG 100-8D) / 700W(AG 100-7D) motor
- Comes complete with a spare set of carbon brushes
- Safety dead-man's switch
- Low-profile design for easy access to tight spaces
- Convenient and easy to use



with VC 20 / 40-U / VC 40-U-Y and
DG-EX 100/4" (Only for concrete grinding)

Technical data

Disc diameter	100 mm
Max. cutting depth	16 mm
No-load speed	11500 rpm
Dimensions (LxWxH)	279 x 79 x 103 mm
Weight according to EPTA Procedure 01/2003	1.9 kg



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Package contents

Tools	Inserts	Item Number
AG 100-8D 230V X 1	CUTTING DISC AC-D 4" SP MP25	3566951
AG 100-8D 230V X 5	CUTTING DISC AC-D 4" SP MP250	3567060
AG 100-8D 230V X 10	CUTTING DISC AC-D 4" SP MP500	3567061
AG 100-8D 230V X 30	CUTTING DISC AC-D 4" SP MP1500	3567163
AG 100-7D 110V X 1	CUTTING DISC AC-D 4" SP MP25	3566952
AG 100-7D 110V X 5	CUTTING DISC AC-D 4" SP MP250	3567166
AG 100-7D 110V X 10	CUTTING DISC AC-D 4" SP MP500	3567168
AG 100-7D 110V X 30	CUTTING DISC AC-D 4" SP MP1500	3567170

Please visit Hilti website for the latest item numbers and related products

Related products on page

Inserts 147-151

5" Angle grinder AG 125-15DB NEW



APPLICATIONS

- Cutting and grinding steel and mineral materials
- Cutting, rough and fine grinding of metals and mineral materials
- Removing coatings on cement and screed
- Renovating joints
- Working on a wide variety of surfaces and materials

ADVANTAGES

- Powerful 1500W motor capable of driving both metal cutting and grinding
- Ergonomically designed tool for universal use in cutting and grinding applications
- Hilti Smart Power Technology™ for constantly high cutting performance
- Active Torque Control (ATC) technology minimises undesirable kick-back
- Virtually dustless cutting and grinding in conjunction with specific dust protection hoods
- Quick-acting brake stops the disc within seconds – ideal for working in cramped conditions
- Maximum safety thanks to the convenient, ergonomically designed dead man's switch

Technical data	
Disc diameter	125 mm
No-load speed	11500 rpm
Dimensions (LxWxH)	319 x 102 x 89 mm
Weight according to EPTA Procedure 01/2003	2.7 kg



DRS

with VC 20 / 40-U / VC 40-U-Y and DG-EX 125/5" C / DG-EX 125/5" (Only for concrete slitting and grinding)

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Package contents

Tools	Inserts	Item Number
AG 125-15DB 230V	CUTTING DISC AC-D 5" SP MP25	3577394
AG 125-15DB 110V		3577395

Please visit Hilti website for the latest item numbers and related products

Related products on page

Inserts 147-151

7" Angle grinder AG 180-D



APPLICATIONS

- Weld grinding and metal preparation

ADVANTAGES

- Three-position side handle
- Safety multi-finger dead-man's switch
- Spindle lock for fast, easy disc changing



Technical data	
Disc diameter	180 mm
Max. cutting depth	42 mm
No-load speed	8500 rpm
Dimensions (LxWxH)	470 x 106 x 132 mm
Weight according to EPTA Procedure 01/2003	5.2 kg



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Package contents





Tools	Inserts	Item Number
AG 180-20D 230V	AC-D 7" CUTTING DISC MP25	3553417

Please visit Hilti website for the latest item numbers and related products

Related products on page

Inserts 151

Accessories for Angle Grinder

Ordering designation		AG 100-S	AG 100-D	AG 125-15DB	Sales pack quantity	Item number
Dust extr. hood (grinding) DG-EX 100/4" Dust collection hood for concrete and mineral grinding applications		■	■		1 pc	2101313
Dust extr. hood (grinding) DG-EX 125/5" Dust collection hood for concrete and mineral grinding applications				■	1 pc	2126539
Dust extr. hood (cutting) DC-EX 125/5"C Dust collection hood for concrete and mineral cutting or slitting applications					1 pc	284978
Dust extr. hood (slitting) DC-EX 125/5"M Dust collection hood for concrete and mineral cutting or slitting applications and double disc compatibility					1 pc	267720
Adapter DC-EX SL kit				■	1 pc	352945 ¹⁾
Quick-locking nut flat Fits the M14 spindle (125, 150, 180, and 230 mm diameters)				■	1 pc	2149274
Side handle				■	1 pc	282140
Side handle		■	■		1 pc	2079849 ¹⁾
Fine pitch thread Nut M14				■	1 pc	2149884
Nut M10		■	■		1 pc	2079852 ¹⁾
Flange M14				■	1 pc	2009990 ¹⁾
Flange M10		■	■		1 pc	2079851 ¹⁾
Protective cover				■	1 pc	341429
Protective cover		■	■		1 pc	2079845 ¹⁾
Clip-on front cover				■	1 pc	2103510
Clip-on front cover		■	■		1 pc	2079846 ¹⁾

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

Please visit Hilti website for the latest item numbers and related products

Thin cutting disc, AC-D special performance

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



Order Now



Ordering designation	Disc diameter	Blade thickness	Arbour	Blade / disc shape	Max. permitted speed	Sales pack quantity	Item number
AC-D 100x1.0x16mm SP	100 mm	1 mm	16 mm	Shape 41	15300 rpm	25 pc	438454
AC-D 125x1x22.2 SP CAG P)	125 mm	1 mm	22.23 mm	Shape 41	12250 rpm	25 pc	2126634
AC-D 125 Inox USP 1.0mm	125 mm	1 mm	22.23 mm	Shape 41	12250 rpm	25 pc	361887
AC-D 150 Inox USP 1.5mm	150 mm	1.5 mm	22.23 mm	Shape 41	10200 rpm	25 pc	361890
AC-D 180 Inox USP 1.5mm	180 mm	1.5 mm	22.23 mm	Shape 41	8600 rpm	25 pc	361891

Please visit Hilti website for the latest item numbers and related products

Thin cutting disc, AC-D universal performance

APPLICATIONS

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

ADVANTAGES

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



Order Now



Ordering designation	Disc diameter	Blade thickness	Arbour	Blade / disc shape	Max. permitted speed	Sales pack quantity	Item number
AC-D 100 UP 1mm (50)	100 mm	1 mm	16 mm	Shape 41	15300 rpm	50 pc	412414

Please visit Hilti website for the latest item numbers and related products

Cutting disc, AC-D special performance

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



Order Now



4

Ordering designation	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 150 USP 2.5mm	150 mm	2.5 mm	22.23 mm	Shape 41	10200 rpm	25 pc	361882

Please visit Hilti website for the latest item numbers and related products

Cutting disc, AC-D universal performance

APPLICATIONS

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

ADVANTAGES

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



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Ordering designation	Disc diameter	Blade thickness	Arbour	Blade / disc shape	Max. permitted speed	Sales pack quantity	Item number
AC-D 100 UP 2.5mm (25)	100 mm	2.5 mm	16 mm	Shape 41	15300 rpm	25 pc	412415

Please visit Hilti website for the latest item numbers and related products

Grinding disc, AG-D special performance

APPLICATIONS

- Edge and surface grinding on steel and stainless steel

ADVANTAGES

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



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Ordering designation	Disc diameter	Blade thickness	Arbour	Blade / disc shape	Max. permitted speed	Sales pack quantity	Item number
AG-D 125 USP 6.4mm	125 mm	6.4 mm	22.23 mm	Shape 27	12250 rpm	10 pc	361904
AG-D 150 USP 6.4mm	150 mm	6.4 mm	22.23 mm	Shape 27	10200 rpm	10 pc	361905

Please visit Hilti website for the latest item numbers and related products

Grinding disc, AG-D universal performance

APPLICATIONS

- Edge and surface grinding on steel and stainless steel

ADVANTAGES

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



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Ordering designation	Disc diameter	Blade thickness	Arbour	Blade / disc shape	Max. permitted speed	Sales pack quantity	Item number
AG-D 100 UP 6.4mm (10)	100 mm	6.4 mm	16 mm	Shape 27	15300 rpm	10 pc	412413

Please visit Hilti website for the latest item numbers and related products

Drywall stud cutting disc for chop saws AC-D DS

APPLICATIONS

- Cutting drywall studs with chop saws



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Ordering designation	Blade thickness	Arbour	Blade / disc shape	Base Material	Sales pack quantity	Item number
AC-D 14"x3/32"x1" DS SP	2.381 mm	25.4 mm	Shape 1	Drywall studs	10 pc	436732
AC-D 14"x3/32"x1" ST UP	2.381 mm	25.4 mm	Shape 1	General steel	10 pc	436735

Please visit Hilti website for the latest item numbers and related products

Diamond cutting disc / grinding wheel DC-D / DG-CW



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Ordering designation	Disc diameter (mm)	Segment height (mm)	No. of segments	Features	Sales pack quantity	Item number
P-S 100/20/16 UNIV CUTTING DISC	100 mm	12 mm	5	Concrete	1 pc	2118554
P-S 125/22.2 UNIV CUTTING DISC	125 mm	12 mm	7	Concrete	1 pc	2118670
DG-CW 100/20 P GRINDING WHEEL	100 mm	12 mm	5	Concrete	2 pc	2164630
DG-CW 125/22.2/P GRINDING WHEEL	125 mm	12 mm	9	Concrete	2 pc	2163739

Please visit Hilti website for the latest item numbers and related products

Super Performance Line



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Ordering designation	Disc diameter (mm)	Segment height (mm)	No. of segments	Features	Sales pack quantity	Item number
EQD SPX 100/22 UNIV CUTTING DISC	100 mm	12 mm	7	Concrete	1	2117954
EQD SPX 125/22 UNIV CUTTING DISC	125 mm	12 mm	9	Concrete	1	2117958
125/5" SPX GRINDING WHEEL	125 mm	12 mm	7	Concrete	1	2163565

Please visit Hilti website for the latest item numbers and related products

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

- Revolutionary D-grip and ergonomically positioned controls
- Low weight and compact design
- Equipped with Active Vibration Reduction (AVR) for significantly lower vibration and reduced operator fatigue
- Smart Power™ for power reserves that provide constant 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
- Keyless saw blade change system, blade reversal is possible
- Orbital action for fast cutting in wood and soft materials

Technical data

Stroke length	32 mm
Stroke rate	2700 strokes/minute
Blade clamp	1/2" keyless
Active Vibration Reduction	Yes
Weight according to EPTA Procedure 01/2003	3.5 kg
Dimensions (LxWxH)	442 x 88 x 211 mm



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Package contents

Tools	Inserts	Item Number
WSR 900 230V	UD 15 1014 BLADE MP5	3553428
WSR 900 110V		3553429

Please visit Hilti website for the latest item numbers and related products

Related products on page

Inserts 88-89

Orbital jig saw WSJ 750-ET



APPLICATIONS

- Wood and wood composites up to 120 mm
- Wood and wood with nails
- Metals of various kinds
- Plastics
- Plasterboard and plaster-bonded fibreboard
- Sandwich materials

ADVANTAGES

- New clamping and blade guide system ensures very quiet operation and accurate control of the saw blade
- Longer blade stroke (28 mm) for outstanding cutting performance
- Compact tool with optimized switch positions and ergonomically designed handle and grip for perfect working comfort
- Constant-speed electronics for steady cutting speed
- Keyless system for changing saw blades
- Robustness and service life optimized for hard daily use

Technical data	
Stroke length	28 mm
Stroke rate	3000 strokes/minute
Max. cutting depth for wood	120 mm
Max. cutting depth for aluminium	25 mm
Max. cutting depth in mild steel	10 mm
Active Vibration Reduction	Yes
Orbital action	Yes
Orbital action setting	0-1-2-3
Weight according to EPTA Procedure 01/2003	2.8 kg
Dimensions (LxWxH)	256 x 75 x 201 mm



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Package contents

Tools	Inserts	Item Number
WSJ 750-ET 230V	M50/1.2 BLADE MP5	3485346
WSJ 750-ET 110V		3485345

Please visit Hilti website for the latest item numbers and related products

Related products on page

Inserts 156-157

Orbital jig saw WSJ 850-ET



APPLICATIONS

- Wood and wood composites up to 150 mm
- Wood and wood with nails
- Metals of various kinds
- Plastics
- Plasterboard and plaster-bonded fibreboard
- Sandwich materials

ADVANTAGES

- New clamping and saw blade guide system ensures precise saw blade guidance and accurate, square cuts in tight curves and thick materials
- Longer blade stroke (28 mm) and active orbital action for outstanding
- Perfect working comfort thanks to ergonomic grip, compact design and optimized switch positions
- Higher performance, greater working comfort
- Extremely low vibration thanks to patented counterbalance
- DRS (dust removal system) for an unobstructed view of the cutting line without the encumbrance of an extractor hose



Technical data	
Stroke length	28 mm
Stroke rate	3000 strokes/minute
Max. cutting depth for wood	150 mm
Max. cutting depth for aluminium	25 mm
Max. cutting depth in mild steel	10 mm
Active Vibration Reduction	Yes
Orbital action	Yes
Orbital action setting	0-1-2-3
Weight according to EPTA Procedure 01/2003	2.7 kg
Dimensions (LxWxH)	256 x 75 x 201 mm



Order Now



Package contents

Tools	Inserts	Item Number
WSJ 850-ET 230V	M50/1.2 BLADE MP5	3475551
WSJ 850-ET 110V		3475550

Please visit Hilti website for the latest item numbers and related products

Related products on page

Inserts 155-157

Accessories for Jig Saws

Ordering designation	WSJ 850-ET	Sales pack quantity	Item number
Dust removal system WSJ DRS 	■	1 pc	375984 ¹⁾

Please visit Hilti website for the latest item numbers and related products

Jig saw blade for wood W-CSJ W

APPLICATIONS

- For fast, accurate, straight or curved cuts Hilti has the right blade for every job

ADVANTAGES

- Hilti jig saw blades offer a variety of blade shapes and tooth configurations offering the right blade for every job, for straight or curved cuts



Technical data	
Base material	Wood
Blade material	HCS
Blade features	Long life, clean cut, exact angle
Shank	Single lug shank (T-shank)

Order Now



Ordering designation	Blade type	Toothed section length	Tooth pitch	Teeth per inch	Application ranged	Sales pack quantity	Item number
W-CSJ W 91/2.5 QualiCut	QualiCut	91 mm	2.5 mm	10	Clean cutting in softwood, chipboard, joiner boards, fibre boards (3-65 mm), doors, kitchen work surfaces (<50 mm)	5 pc	377927
W-CSJ W 73/4 QuickCut	QualiCut	73 mm	4 mm	6	Fast cut in softwood (5-50 mm), chipboard, wood core plywood, fibre board	5 pc	378115
W-CSJ W 91/P QuickCut	QualiCut	91 mm	Progressive	6	Fast cut in softwood (2-65 mm), chipboard, wood core plywood, fibre board	5 pc	377929

Please visit Hilti website for the latest item numbers and related products

Related products on page

Inserts 153-154

Jig saw blade for metal W-CSJ M

APPLICATIONS

- Cutting sheet metal, metal tubes and pipes

ADVANTAGES

- Hilti jig saw blades offer a variety of blade shapes and tooth configurations offering the right blade for every job, for straight or curved cuts



Technical data	
Base material	Metal
Blade material	BIM bi-metal
Shank	Single lug shank (T-shank)

Order Now



Ordering designation	Blade type	Toothed section length	Tooth pitch	Teeth per inch	Application ranged	Sales pack quantity	Item number
W-CSJ M 50/1.2 MetalCut	QualiCut	50 mm	1.2 mm	24	Thin sheet metal (1-3 mm)	5 pc	378123
W-CSJ M 74/P MetalCut	QuickCut	74 mm	Progressive	14	Thin to thick sheet metal (1.5-10 mm), pipes and profiles, incl. aluminum (dia <30 mm)	5 pc	378127
W-CSJ M 59/1.1 HM	Stainless steel	59 mm	1.1 mm	24	Thin, stainless steel sheet metal (INOX) (1.5-3 mm)	5 pc	377923

Please visit Hilti website for the latest item numbers and related products

Related products on page

Inserts 153-154

Jig saw blade for special materials W-CSJ S

APPLICATIONS

- Cutting glass-fibre reinforced plastics or abrasive materials.

ADVANTAGES

- Hilti jig saw blades offer a variety of blade shapes and tooth configurations offering the right blade for every job, for straight or curved cuts



Technical data

Base material	Wood
Blade features	Long life
Shank	Single lug shank (T-shank)

Order Now



4

Ordering designation	Blade type	Toothed section length	Tooth pitch	Teeth per inch	Sales pack quantity	Item number
W-CSJ S 74/4.3 SpecialCut	Plaster and fibre	74 mm	4.3 mm	6	5 pc	377924
W-CSJ M 152/2 SandwCut	Sandwich panel	152 mm	2 mm	12	5 pc	377922 ¹⁾

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

Please visit Hilti website for the latest item numbers and related products

Related products on page

Inserts 153-154

Jig saw blade for multiple materials W-CSJ U

APPLICATIONS

- Cutting wood, metal and plastics using the same blade.

ADVANTAGES

- Hilti jig saw blades are available in a variety of shapes and tooth configurations providing the right blade for virtually any job, no matter whether making straight or contoured cuts



Technical data

Base material	Multiple materials
Blade features	Long life, curve cut
Blade type	CurveCut

Order Now



Ordering designation	Blade type	Toothed section length	Tooth pitch	Teeth per inch	Application ranged	Sales pack quantity	Item number
W-CSJ U 50/2 UniCut	CurveCut	50 mm	2 mm	14	Cutting curves in softwood (2-15 mm), plywood, chipboard, joiner board, fibreboard, medium-thick sheet metal (2.5-4 mm)	5 pc	378133
W-CSJ U 90/2.5 UNIVERSAL CUT	Universal	90 mm	2.5 mm	10	Wood, wood with nails, chipboard, aluminum, non ferrous metal, plastics (<6mm)	5 pc	378131 ¹⁾
W-CSJ U 106/P UNIVERSAL CUT	QuickCut	106 mm	Progressive	-	Construction timber with nails (<65mm), wood materials, plastics, metal plates, pipes & profiles, incl. aluminum (diameter 3-10 mm)	5 pc	378129 ¹⁾

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

Please visit Hilti website for the latest item numbers and related products

Related products on page

Inserts 153-154

Universal vacuum cleaner VC 20-U(M)



APPLICATIONS

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

ADVANTAGES

- Hilti AirBoost filter technology for consistently high suction performance
- Very good handling thanks to extremely compact design
- Full exploitation of tank capacity due to placement of filter and hose connection in the upper part of the machine
- Robust housing to withstand the harshest jobsite conditions
- New tank concept for easy and virtually dust-free dust emptying
- Maximum total dust load: up to 25 kg



Technical data	
Container capacity	21 L
Dust capacity	23 kg
Water capacity	13.5 L
A-weighted emission sound pressure level ¹⁾	71 dB (A)
Hose diameter	36 mm
Hose length	5000 mm
Weight according to EPTA Procedure 01/2003	13 kg
Dimensions (LxWxH)	505 x 380 x 500 mm

¹⁾ according to EN 60745



Order Now



Ordering designation	Package contents	Sales pack quantity	Item number
VC 20-U 230V	1x Univ. vacuum cleaner VC 20-U 230 V	1 pc	2114592
VC 20-UM 110V	1x Univ. vacuum cleaner VC 20-UM 110 V	1 pc	2114599

Please visit Hilti website for the latest item numbers and related products

Universal vacuum cleaner VC 40-U



APPLICATIONS

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

ADVANTAGES

- Hilti AirBoost filter technology for consistently high suction performance
- Very good handling thanks to extremely compact design
- Full exploitation of tank capacity due to placement of filter and hose connection in the upper part of the appliance
- Robust housing to withstand the harshest jobsite conditions
- New tank concept for easy and virtually dust-free dust emptying
- Maximum total dust load: up to 40 kg



Technical data	
Container capacity	36 L
Dust capacity	40 kg
Water capacity	25 L
A-weighted emission sound pressure level ¹⁾	71 dB (A)
Hose diameter	36 mm
Hose length	5000 mm
Weight according to EPTA Procedure 01/2003	14.7 kg
Dimensions (LxWxH)	505 x 380 x 610 mm

¹⁾ according to EN 60745



Order Now



Ordering designation	Package contents	Sales pack quantity	Item number
VC 40-U 110V	1x Univ. vacuum cleaner VC 40-U 110 V	1 pc	2114611
VC 40-U 230V	1x Univ. vacuum cleaner VC 40-U 230 V	1 pc	2114605

Please visit Hilti website for the latest item numbers and related products

Universal hybrid vacuum cleaner VC 40-U-Y



APPLICATIONS

- Removing dust from drilling, slitting, grinding, cutting and coring
- Removing wet coring slurry
- General cleaning and removal of wet and dry materials
- Charging all Hilti Li-ion batteries (14V, 22V, 36V)
- Transporting all Hilti toolboxes (up to max. 25 kg)

ADVANTAGES

- Corded and cordless wet and dry vacuum cleaner
- Integrated universal battery charger for all Hilti Li-ion batteries (14V, 22V, 36V)
- Hilti AirBoost filter technology for consistently high suction performance
- Hilti AirBoost filter technology on/off switch for quieter operation
- Easy to operate with new HMI interface, incorporating LEDs for indication of battery charging and charging progress
- Built-in power socket enabling synchronized operation with electric tools for improved working convenience
- Robust casing designed to withstand the harshest jobsite conditions



Technical data	
Container capacity	36 L
Dust capacity	40 kg
Water capacity	25 L
A-weighted emission sound pressure level ¹⁾	70 dB (A)
Hose diameter	36 mm
Hose length	4650 mm
Weight according to EPTA Procedure 01/2003	16.9 kg
Dimensions (LxWxH)	530 x 380 x 670 mm

¹⁾ according to EN 60745











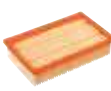




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Ordering designation	Package contents	Sales pack quantity	Item number
VC 40-U-Y 230V	1x Univ. vacuum cleaner VC 40-U-Y 230V	1 pc	2044382

Please visit Hilti website for the latest item numbers and related products

Accessories for Vacuum

		VC 20-U(M)	VC 40-U(M)	VC 40-U(M)-Y	Sales pack quantity	Item number
Ordering designation						
Accessory kit VC 20/40		■	■	■	1 pc	2044213 ¹⁾
Adapter plate VC 20/40		■	■	■	1 pc	2044211 ¹⁾
Battery pack B 36/6.0 Li-Ion				■	1 pc	2018896
Dust bag VC 20 (10) plastic For collecting wet & dry dust		■			10 pc	203854
Dust bag VC 20 (5) assy For collecting wood dust		■			5 pc	203858
Dust bag VC 40 (10) plastic For collecting wet and dry dust			■	■	10 pc	203852 ¹⁾
Dust bag VC 40 (5) assy For collecting wood dust			■	■	5 pc	203856 ¹⁾
Dust bag VC 40 (5) PES For dry and wet dust collection			■	■	5 pc	203857 ¹⁾
Filter VC 20/40 dry For filtering dry dust		■	■	■	1 pc	2121386
Filter VC 20/40 Universal For filtering dry & wet dust		■	■	■	1 pc	2121387
Push bar VC 20		■			1 pc	2044214 ¹⁾
Push bar VC 40 Foldable push bar handle			■	■	1 pc	2047174
Tool box VC 20/40		■	■	■	1 pc	2044212 ¹⁾

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

Please visit Hilti website for the latest item numbers and related products

DIAMOND CORING AND SAWING





Diamond Coring Systems

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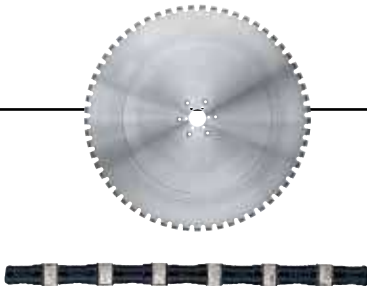
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CORING SYSTEMS

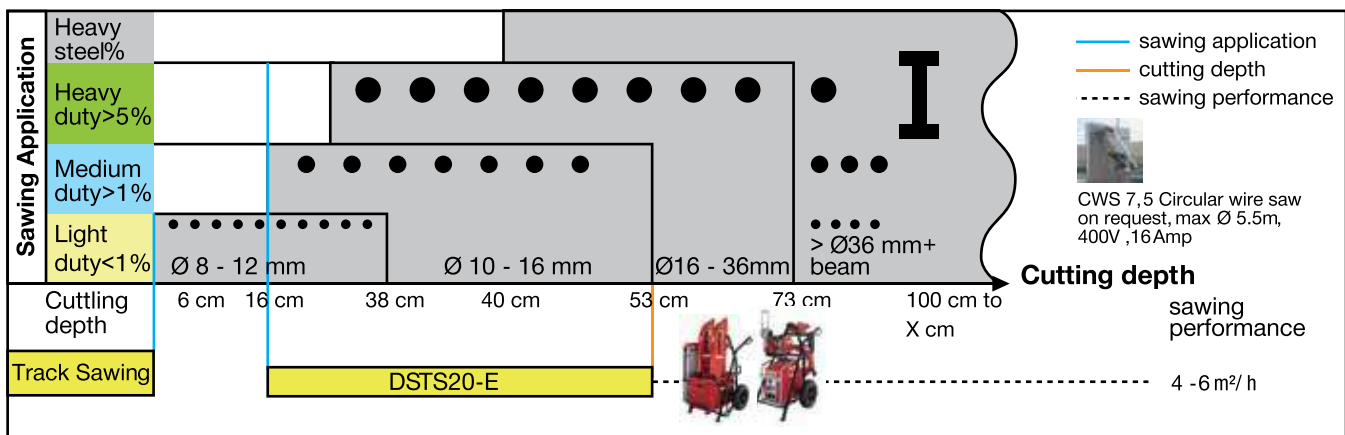


Model		DD 30-W	DD 120	DD 160
Technical data	■ Diameter Range (max)	8 - 35 mm	16 - 162 mm	25 - 202 mm
	(optimum)	8 - 20 mm	22 - 82 mm	25 - 162 mm
■ Input Voltage		110V / 230V	110V / 230V	110V / 230V
■ Nominal Power		1350W / 1450W	1600W	2200W
■ Speed (no load)	1st Gear	9200 r.p.m.	650 r.p.m.	420 r.p.m.
	2nd Gear	—	1380 r.p.m.	700 r.p.m.
	3rd Gear	—	—	1570 r.p.m.
	10th Gear	—	—	—
■ Torque (with load)	1st Gear	13 Nm	18.7 Nm / 19.9 Nm	—
	2nd Gear	—	8.8 Nm / 9.4 Nm	—
	3rd Gear	—	—	—
	10th Gear	—	—	—
■ Dimensions (LxWxH)		423x108x195 mm	830x147x330 mm	450x195x315 mm
■ Weight (machine only)		6.8 kg	10 kg (with drillstand)	10.3 kg
■ Noise and vibration information		84 db	89 db	93 db
■ Dry Coring		NO	NO	NO
Core bits		SPX-T	PL	PL
Features		<ul style="list-style-type: none"> ■ Low noise ■ Little vibration ■ Independent from external water supplies ■ Top Spin for speed and efficiency 	<ul style="list-style-type: none"> ■ Very user-friendly ■ Compact & lightweight unit ■ Easy to transport and set up ■ Rugged 2-speed Gearing ■ Service indicator 	<ul style="list-style-type: none"> ■ Three speeds ■ Overload indicator ■ Light weight ■ Anchor or Vacuum fastening baseplate
	Remarks			

Mode of operation: Rig-based drilling system

Mode of operation: Hand-held or rig-mounted drilling system

TRACK SAWING & WIRE SAWING SYSTEMS



Remark: The data above are for reference only, not a promise. The actual result can be different depending on different situation in different jobsites.



	DD 200	DD 350-CA	DD 500-CA
	35 - 500 mm — 52 - 250 mm	52 - 500 mm — 82 - 350 mm	82 - 600 mm — 102 - 500 mm
	110V / 230V	110V / 230V	3x 400V
	2530W / 3200W	3000W / 3600W	5500W
	265 r.p.m. / 240 r.p.m. 550 r.p.m. / 580 r.p.m. 1120 r.p.m. / 1160 r.p.m. —	286 r.p.m. } 667 r.p.m.	265 r.p.m. } 571 r.p.m.
	140 Nm 45 Nm 21 Nm —	100 Nm } 21 Nm	174 Nm } 39 Nm
	630x150x173 mm	608x192x216 mm	608x192x216 mm
	12.5 kg	14.4 kg	16.6 kg
	93 db	95 db	97 db
	YES	YES	YES
	PL, HCL	PL, HCL	PL, HCL
	<ul style="list-style-type: none"> ■ Three speeds ■ Simple Control panel ■ Overload and thermal protector ■ Vacuum and anchor-secured baseplate 	<ul style="list-style-type: none"> ■ Power high frequency motor ■ 10 electronic speeds ■ User-friendly power controls ■ IP55 design provides protection from water splashes 	<ul style="list-style-type: none"> ■ Power high frequency motor ■ 10 electronic speeds ■ User-friendly power controls ■ IP55 design provides protection from water splashes

Wet or dry operation: Wet

5

KEY DATA OF WALL SAW

Sawing System	Power supply, 400 Volt (Ampeer)	Motor power (kW)	Max. cut.-depth (cm)	Sawingperfm. (m ² /h*)	*On medium concrete, rebar < 1%, CLASS
DST 10-CA	16	9	38	2 to 4	light / med.
DST 20-CA	32	15	73	4 to 6	med / high

Diamond coring tool DD 30-W **NEW**



APPLICATIONS

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

ADVANTAGES

- Efficient: Drills through reinforcing bars
- Versatile: Drills through various types of steel reinforced concrete, marble, etc.



Technical data

Drilling range	Hand-held wet: 8-35 mm Rig-based wet: 8-35 mm
Nominal power	1450W
Rotation speed	Gear 1: 8700 rpm
Dimensions (LxWxH)	441 x 191 x 120 mm
Weight of complete system	7.6 kg
Wall accessibility	40 mm
Chuck type	DD-C+
Protection class	Class I
A-weight emission sound pressure level	87 dB (A) ¹



Ordering designation	Package contents	Sales pack quantity	Item number
DD 30-W 110V	1x Diamond coring tool DD 30-W 110V, 1x Case	1 pc	2043844
DD 30-W 230V	1x Diamond coring tool DD 30-W 230V, 1x Case	1 pc	2043863

Please visit Hilti website for the latest item numbers and related products

Related products on page

Consumables 166-167

Diamond core bit DD-C SPX-T



APPLICATIONS

- Wet coring of small diameter anchor or through holes in all types of concrete

ADVANTAGES

- High drilling performance in combination with the Hilti DD EC-1 or Hilti DD 30-W

Technical data













Type	Core bit
Base materials	Concrete (very abrasive)
Drilling mode	Hand-held, Rig-mounted, Hand-held and rig-mounted

Ordering Designation	Nominal Diameter	Working Length	Connection End	Laser-welded segments	Sales pack quantity	Item number
DD-C+ 8/150 SPX-T Abrasive	8	150	DD-C+ connection	Yes	1 pc	2139004 ¹⁾
DD-C+ 10/150 SPX-T Abrasive	10	150	DD-C+ connection	Yes	1 pc	2139005
DD-C+ 12/150 SPX-T Abrasive	12	150	DD-C+ connection	Yes	1 pc	2139006
DD-C+ 14/150 SPX-T Abrasive	14	150	DD-C+ connection	Yes	1 pc	2076461
DD-C+ 15/150 SPX-T Abrasive	15	150	DD-C+ connection	Yes	1 pc	2076463 ¹⁾
DD-C+ 16/300 SPX-T Abrasive	16	300	DD-C+ connection	Yes	1 pc	2076467
DD-C+ 18/300 SPX-T Abrasive	18	300	DD-C+ connection	Yes	1 pc	2076469
DD-C+ 20/300 SPX-T Abrasive	20	300	DD-C+ connection	Yes	1 pc	2076471
DD-C+ 22/300 SPX-T Abrasive	22	300	DD-C+ connection	Yes	1 pc	2076472
DD-C+ 24/300 SPX-T Abrasive	24	300	DD-C+ connection	Yes	1 pc	2076473
DD-C+ 25/300 SPX-T Abrasive	25	300	DD-C+ connection	Yes	1 pc	2076474
DD-C+ 28/300 SPX-T Abrasive	28	300	DD-C+ connection	Yes	1 pc	2076476
DD-C+ 30/300 SPX-T Abrasive	30	300	DD-C+ connection	Yes	1 pc	2076478
DD-C+ 32/300 SPX-T Abrasive	32	300	DD-C+ connection	Yes	1 pc	2076479
DD-C+ 35/300 SPX-T Abrasive	35	300	DD-C+ connection	Yes	1 pc	2076482
DD-C+ 20/600 SPX-T Abrasive	20	600	DD-C+ connection	Yes	1 pc	2076483 ¹⁾
DD-C+ 22/600 SPX-T Abrasive	22	600	DD-C+ connection	Yes	1 pc	2076484 ¹⁾
DD-C+ 24/600 SPX-T Abrasive	24	600	DD-C+ connection	Yes	1 pc	2076485 ¹⁾
DD-C+ 25/600 SPX-T Abrasive	25	600	DD-C+ connection	Yes	1 pc	2076486 ¹⁾
DD-C+ 28/600 SPX-T Abrasive	28	600	DD-C+ connection	Yes	1 pc	2076487 ¹⁾
DD-C+ 30/600 SPX-T Abrasive	30	600	DD-C+ connection	Yes	1 pc	2076488 ¹⁾
DD-C+ 32/600 SPX-T Abrasive	32	600	DD-C+ connection	Yes	1 pc	2076489 ¹⁾
DD-C+ 35/600 SPX-T Abrasive	35	600	DD-C+ connection	Yes	1 pc	2076490 ¹⁾

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

Please visit Hilti website for the latest item numbers and related products

Accessories for Diamond Drilling Tools

Ordering designation		DD 30-W	Sales pack quantity	Item number
Drilling stand DD-ST 30		■	1 pc	2051335
Seal DD-CR1		■	1 pc	376283 ¹⁾
Depth gauge DD-ST30-ES		■	1 pc	2046234 ¹⁾
Handwheel DD-ST 30-HW-2A		■	1 pc	279278 ¹⁾
Water collector system DD-WC-30		■	1 pc	2046233
Cover cap DD-30-W-CV		■	1 pc	2046235
Side handle DD-SH-30		■	1 pc	2046232 ¹⁾
Rubber seal DD-WCS-30		■	1 pc	2046237 ¹⁾
Case DD 30-W		■	1 pc	2035505 ¹⁾
Connecting piece DD 30-W		■	1 pc	2131149
Jig brush		■	1 pc	277489-509 ¹⁾
Core breaker DD-CB		■	1 pc	338346-68 ¹⁾

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

Please visit Hilti website for the latest item numbers and related products

Diamond coring tool DD 120



APPLICATIONS

- Installing pipes for sanitary, heating and air conditioning
- Installing water supply and waste water pipes
- Making openings for cable trays
- Setting large-diameter anchors and reinforcing bars
- Installing railings and barriers

ADVANTAGES

- Exceptionally user-friendly thanks to self-explanatory features and controls
- Compact, lightweight unit for extremely easy handling
- Easy to transport and set up
- Two-speed Gearing for optimum speed and torque
- More reliable and lower repair costs



Technical data

Drilling range	Rig-based wet: 16-162 mm
Nominal power	1600W
Rotation speed	Gear 1: 650 rpm; Gear 2: 1380 rpm
Dimensions (LxWxH)	830 x 147 x 330 mm
Weight of complete system	11 kg
Wall accessibility	41 mm
Protection class	Class I
Radio and television interference suppression	Yes
Connection end	BI+
Possible corebits	PL, UCL



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Ordering designation	Package contents	Sales pack quantity	Item number
DD 120 110V	1x Diamond coring tool DD 120 110V, 1x Chuck BI+	1 pc	203911
DD 120 230V	1x Diamond coring tool DD 120 230V, 1x Chuck BI+	1 pc	274927
DD 120 110V System	1x Diamond coring tool DD 120 110v, 1x Chuck BI+ assy, 1x DD-LR-CLN Clamping nut, 1x DD-LR-CLN Clamping spindle, 1x HSD-G M12 Setting tool, 1x TE-C 15/16, 50x HKD M12x50	1 pc	3552788
DD 120 230V System	1x Diamond coring tool DD 120 230v, 1x Chuck BI+ assy, 1x DD-LR-CLN Clamping nut, 1x DD-LR-CLN Clamping spindle, 1x HSD-G M12 Setting tool, 1x TE-C 15/16, 50x HKD M12x50	1 pc	3552717

Please visit Hilti website for the latest item numbers and related products

Related products on page

Consumables 169-170, 180, 182-184

Diamond core bit DD-BI PL 320



APPLICATIONS

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

ADVANTAGES

- Laser-welded segments

Technical data

Base materials	Concrete, abrasive
Change module	No
Connection end	Bl+

Ordering Designation	Nominal Diameter	Working Length	Flexible connection end	Number of segments	Base materials	Connection end	Sales pack quantity	Item number
DD-BI 12/320 PL	12 mm	320 mm	No	1	Concrete, abrasive	Bl+	1 pc	2015350
DD-BI 14/320 PL	14 mm	320 mm	No	1	Concrete, abrasive	Bl+	1 pc	2015352
DD-BI 16/320 PL	16 mm	320 mm	No	1	Concrete, abrasive	Bl+	1 pc	2015354
DD-BI 18/320 PL	18 mm	320 mm	No	1	Concrete, abrasive	Bl+	1 pc	2015355
DD-BI 20/320 LCL	20 mm	320 mm	No	1	Concrete, abrasive	Bl+	1 pc	2098116
DD-BI 22/320 LCL	22 mm	320 mm	No	1	Concrete, abrasive	Bl+	1 pc	2098118
DD-BI 24/320 PL	24 mm	320 mm	No	1	Concrete, abrasive	Bl+	1 pc	2015360
DD-BI 25/320 PL	25 mm	320 mm	No	1	Concrete, abrasive	Bl+	1 pc	2015361
DD-BI 28/320 PL	28 mm	320 mm	No	1	Concrete, abrasive	Bl+	1 pc	2015363
DD-BI 30/320 PL	30 mm	320 mm	No	1	Concrete, abrasive	Bl+	1 pc	2015365
DD-BI 32/320 PL	32 mm	320 mm	No	1	Concrete, abrasive	Bl+	1 pc	2015366

Please visit Hilti website for the latest item numbers and related products

Diamond core bit DD-B PL 430



APPLICATIONS

- Laser-welded segments







Technical data	
Base materials	Concrete, abrasive
Change module	Yes
Connection end	M41

Ordering Designation	Nominal Diameter	Working Length	Flexible connection end	Number of segments	Base materials	Connection end	Sales pack quantity	Item number
DD-B 35/430+ PL	35 mm	430 mm	Yes	3	Concrete, abrasive	M41	1 pc	2015389
DD-B 37/430+ PL	37 mm	430 mm	Yes	3	Concrete, abrasive	M41	1 pc	2015390
DD-B 40/430+ PL	40 mm	430 mm	Yes	3	Concrete, abrasive	M41	1 pc	2015391
DD-B 42/430+ LCL	42 mm	430 mm	Yes	3	Concrete, abrasive	M41	1 pc	2098135
DD-B 47/430+ PL	47 mm	430 mm	Yes	4	Concrete, abrasive	M41	1 pc	2015393
DD-B 52/430+ PL	52 mm	430 mm	Yes	4	Concrete, abrasive	M41	1 pc	2015394
DD-B 57/430+ PL	57 mm	430 mm	Yes	4	Concrete, abrasive	M41	1 pc	2015395
DD-B 62/430+ PL	62 mm	430 mm	Yes	5	Concrete, abrasive	M41	1 pc	2015396
DD-B 72/430+ PL	72 mm	430 mm	Yes	6	Concrete, abrasive	M41	1 pc	2015398
DD-B 77/430+ PL	77 mm	430 mm	Yes	6	Concrete, abrasive	M41	1 pc	2015399
DD-B 82/430+ PL	82 mm	430 mm	Yes	7	Concrete, abrasive	M41	1 pc	2015400
DD-B 92/430+ PL	92 mm	430 mm	Yes	8	Concrete, abrasive	M41	1 pc	2015402
DD-B 102/430+ PL	102 mm	430 mm	Yes	9	Concrete, abrasive	M41	1 pc	2015403
DD-B 112/430+ PL	112 mm	430 mm	Yes	9	Concrete, abrasive	M41	1 pc	2015404 ¹⁾
DD-B 122/430+ PL	122 mm	430 mm	Yes	10	Concrete, abrasive	M41	1 pc	2015405
DD-B 142/430+ PL	142 mm	430 mm	Yes	12	Concrete, abrasive	M41	1 pc	2015407 ¹⁾
DD-B 152/430+ PL	152 mm	430 mm	Yes	13	Concrete, abrasive	M41	1 pc	2015408
DD-B 162/430+ PL	162 mm	430 mm	Yes	13	Concrete, abrasive	M41	1 pc	2015409
DD-B 182/430+ PL	182 mm	430 mm	Yes	13	Concrete, abrasive	M41	1 pc	2015410 ¹⁾
DD-B 202/430+ PL	202 mm	430 mm	Yes	14	Concrete, abrasive	M41	1 pc	2015411

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

Please visit Hilti website for the latest item numbers and related products

Accessories

Ordering designation	DD 120	Sales pack quantity	Item number
BI+ connection end DD-B PL core bit with BI+ connection end 		1 pc	236120
Drilling stand DD-ST 120 CTL 		1 pc	335896
Drilling stand DD-ST 120 STM 		1 pc	335883

Please visit Hilti 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

ADVANTAGES

- Exceptionally user-friendly thanks to self-explanatory features and controls
- Sturdy 3-speed Gearing for outstanding coring performance across the entire diameter range
- The power control LED helps inexperienced users achieve the optimum rate of drilling progress and maximum core bit life under all conditions
- Choice of a high-grade drill stand with many useful features or a simple, very compact drill stand with basic functionality
- Clear and concise range of accessories for added versatility



Technical data

Drilling range	Rig-based wet: 25-202 mm
Nominal power	2200W
Rotation speed	Gear 1: 420 rpm; Gear 2: 700 rpm; Gear 3: 1570 rpm
Dimensions (LxWxH)	450 x 195 x 315 mm
Weight of complete system	16 kg
Wall accessibility	41 mm
Protection class	Class I
Chuck type	BI+
Possible corebits	PL, UCL



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Ordering designation	Package contents	Sales pack quantity	Item number
DD 160 110V	1x Diamond coring tool DD 160 110V, 1x Chuck BI+ assy	1 pc	2005221
DD 160 230V	1x Diamond coring tool DD 160 230V, 1x Chuck BI+ assy	1 pc	2005223
DD 160 110V System	1x Diamond coring tool DD 160 110V, 1x Chuck BI+ assy, 1x DD-ST 160 SFL Drill stand, 1x DD-CN-SML Clamping nut, 1x DD-CS M12S-SM Jack Screw, 1x HSD-G M12 Setting tool, 1x TE-C 15/16, 50x HKD M12x50	1 pc	3552789
DD 160 230V System	1x Diamond coring tool DD 160 230V, 1x Chuck BI+ assy, 1x DD-ST 160 SFL Drill stand, 1x DD-CN-SML Clamping nut, 1x DD-CS M12S-SM Jack Screw, 1x HSD-G M12 Setting tool, 1x TE-C 15/16, 50x HKD M12x50	1 pc	3552790

Please visit Hilti website for the latest item numbers and related products

Related products on page

Consumables 172-173, 180, 182-184

Diamond core bit DD-BI PL 320



APPLICATIONS

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

ADVANTAGES

- Laser-welded segments



Technical data

Base materials	Concrete, abrasive
Change module	No
Connection end	BI+

Ordering Designation	Nominal Diameter	Working Length	Flexible connection end	Number of segments	Base materials	Connection end	Sales pack quantity	Item number
DD-BI 12/320 PL	12 mm	320 mm	No	1	Concrete, abrasive	BI+	1 pc	2015350
DD-BI 14/320 PL	14 mm	320 mm	No	1	Concrete, abrasive	BI+	1 pc	2015352
DD-BI 16/320 PL	16 mm	320 mm	No	1	Concrete, abrasive	BI+	1 pc	2015354
DD-BI 18/320 PL	18 mm	320 mm	No	1	Concrete, abrasive	BI+	1 pc	2015355
DD-BI 20/320 LCL	20 mm	320 mm	No	1	Concrete, abrasive	BI+	1 pc	2098116
DD-BI 22/320 LCL	22 mm	320 mm	No	1	Concrete, abrasive	BI+	1 pc	2098118
DD-BI 24/320 PL	24 mm	320 mm	No	1	Concrete, abrasive	BI+	1 pc	2015360
DD-BI 25/320 PL	25 mm	320 mm	No	1	Concrete, abrasive	BI+	1 pc	2015361
DD-BI 28/320 PL	28 mm	320 mm	No	1	Concrete, abrasive	BI+	1 pc	2015363
DD-BI 30/320 PL	30 mm	320 mm	No	1	Concrete, abrasive	BI+	1 pc	2015365
DD-BI 32/320 PL	32 mm	320 mm	No	1	Concrete, abrasive	BI+	1 pc	2015366

Please visit Hilti website for the latest item numbers and related products

Diamond core bit DD-B PL 430



APPLICATIONS

- Laser-welded segments



Technical data






Base materials	Concrete, abrasive
Change module	Yes
Connection end	M41

Ordering Designation	Nominal Diameter	Working Length	Flexible connection end	Number of segments	Base materials	Connection end	Sales pack quantity	Item number
DD-B 35/430+ PL	35 mm	430 mm	Yes	3	Concrete, abrasive	M41	1 pc	2015389
DD-B 37/430+ PL	37 mm	430 mm	Yes	3	Concrete, abrasive	M41	1 pc	2015390
DD-B 40/430+ PL	40 mm	430 mm	Yes	3	Concrete, abrasive	M41	1 pc	2015391
DD-B 42/430+ LCL	42 mm	430 mm	Yes	3	Concrete, abrasive	M41	1 pc	2098135
DD-B 47/430+ PL	47 mm	430 mm	Yes	4	Concrete, abrasive	M41	1 pc	2015393
DD-B 52/430+ PL	52 mm	430 mm	Yes	4	Concrete, abrasive	M41	1 pc	2015394
DD-B 57/430+ PL	57 mm	430 mm	Yes	4	Concrete, abrasive	M41	1 pc	2015395
DD-B 62/430+ PL	62 mm	430 mm	Yes	5	Concrete, abrasive	M41	1 pc	2015396
DD-B 72/430+ PL	72 mm	430 mm	Yes	6	Concrete, abrasive	M41	1 pc	2015398
DD-B 77/430+ PL	77 mm	430 mm	Yes	6	Concrete, abrasive	M41	1 pc	2015399
DD-B 82/430+ PL	82 mm	430 mm	Yes	7	Concrete, abrasive	M41	1 pc	2015400
DD-B 92/430+ PL	92 mm	430 mm	Yes	8	Concrete, abrasive	M41	1 pc	2015402
DD-B 102/430+ PL	102 mm	430 mm	Yes	9	Concrete, abrasive	M41	1 pc	2015403
DD-B 112/430+ PL	112 mm	430 mm	Yes	9	Concrete, abrasive	M41	1 pc	2015404 ¹⁾
DD-B 122/430+ PL	122 mm	430 mm	Yes	10	Concrete, abrasive	M41	1 pc	2015405
DD-B 142/430+ PL	142 mm	430 mm	Yes	12	Concrete, abrasive	M41	1 pc	2015407 ¹⁾
DD-B 152/430+ PL	152 mm	430 mm	Yes	13	Concrete, abrasive	M41	1 pc	2015408
DD-B 162/430+ PL	162 mm	430 mm	Yes	13	Concrete, abrasive	M41	1 pc	2015409
DD-B 182/430+ PL	182 mm	430 mm	Yes	13	Concrete, abrasive	M41	1 pc	2015410 ¹⁾
DD-B 202/430+ PL	202 mm	430 mm	Yes	14	Concrete, abrasive	M41	1 pc	2015411

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

Please visit Hilti website for the latest item numbers and related products

Accessories

		DD 160		
Ordering designation			Sales pack quantity	Item number
BI+ connection end DD-B PL core bit with BI+ connection end			■ 1 pc	236120
Drilling stand DD-ST 160 CTL			■ 1 pc	435663
Drilling stand DD-ST 160 SFL			■ 1 pc	435664
Headwheel DD-HW-3A			■ 1 pc	2007687 ¹⁾
Accessory kit DD M16			■ 1 pc	409303

Please visit Hilti website for the latest item numbers and related products

Diamond coring tool DD 200



APPLICATIONS

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

ADVANTAGES

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



Technical data

Drilling range	Rig-based wet: 35-500 mm
Nominal power	3200W
Dimensions (LxWxH)	550 x 195 x 415 mm
Weight of complete system	32.7 kg
Protection class	Class I
Wall accessibility	46 mm
Chuck type	BL
Possible corebits	PL, HCL, UCL



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Ordering designation	Package contents	Sales pack quantity	Item number
DD 200 BL 110V	1x Diamond coring tool DD 200 110V, 1x Chuck DD-C-BL	1 pc	2124831
DD 200 BL 230V	1x Diamond coring tool DD 200 230V, 1x Chuck DD-C-BL	1 pc	2124824
DD 200 110V System	1x Diamond coring tool DD 200 110v, 1x Chuck BL assy, 1x DD-ST 200 Drill stand, 1x DD-CN-SML Clamping nut, 1x DD-CS M12S-SM Jack Screw, 1x HSD-G M12 Setting tool, 1x TE-C 15/16, 50x HKD M12x50	1 pc	3553430
DD 200 230V System	1x Diamond coring tool DD 200 230v, 1x Chuck BL assy, 1x DD-ST 200 Drill stand, 1x DD-CN-SML Clamping nut, 1x DD-CS M12S-SM Jack Screw, 1x HSD-G M12 Setting tool, 1x TE-C 15/16, 50x HKD M12x50	1 pc	3553431

Please visit Hilti website for the latest item numbers and related products

Related products on page

Consumables 175, 180-184

Diamond core bit DD-B PL / Diamond core bit DD-B HCL



APPLICATIONS

- Coring in the 52-202 mm diameter range in reinforced concrete on PL
- Coring in the 225-400 mm diameter range in reinforced concrete on HCL

ADVANTAGES

- Laser-welded segments

Technical data

Base materials	Concrete, abrasive
Change module	Yes
Connection end	M41

Ordering Designation	Nominal Diameter	Working Length	Flexible connection end	Number of segments	Base materials	Connection end	Sales pack quantity	Item number
DD-B 52/430+ PL	52 mm	430 mm	Yes	4	Concrete, abrasive	M41	1 pc	2015394
DD-B 57/430+ PL	57 mm	430 mm	Yes	4	Concrete, abrasive	M41	1 pc	2015395 ¹⁾
DD-B 62/430+ PL	62 mm	430 mm	Yes	5	Concrete, abrasive	M41	1 pc	2015396 ¹⁾
DD-B 72/430+ PL	72 mm	430 mm	Yes	6	Concrete, abrasive	M41	1 pc	2015398 ¹⁾
DD-B 77/430+ PL	77 mm	430 mm	Yes	6	Concrete, abrasive	M41	1 pc	2015399 ¹⁾
DD-B 82/430+ PL	82 mm	430 mm	Yes	7	Concrete, abrasive	M41	1 pc	2015400 ¹⁾
DD-B 92/430+ PL	92 mm	430 mm	Yes	8	Concrete, abrasive	M41	1 pc	2015402 ¹⁾
DD-B 102/430+ PL	102 mm	430 mm	Yes	9	Concrete, abrasive	M41	1 pc	2015403
DD-B 112/430+ PL	112 mm	430 mm	Yes	9	Concrete, abrasive	M41	1 pc	2015404 ¹⁾
DD-B 122/430+ PL	122 mm	430 mm	Yes	10	Concrete, abrasive	M41	1 pc	2015405
DD-B 142/430+ PL	142 mm	430 mm	Yes	12	Concrete, abrasive	M41	1 pc	2015407 ¹⁾
DD-B 152/430+ PL	152 mm	430 mm	Yes	13	Concrete, abrasive	M41	1 pc	2015408
DD-B 162/430+ PL	162 mm	430 mm	Yes	13	Concrete, abrasive	M41	1 pc	2015409 ¹⁾
DD-B 182/430+ PL	182 mm	430 mm	Yes	13	Concrete, abrasive	M41	1 pc	2015410 ¹⁾
DD-B 202/430+ PL	202 mm	430 mm	Yes	14	Concrete, abrasive	M41	1 pc	2015411
DD-B 225/450 HCL	225 mm	450 mm	No	17	Concrete, abrasive	M41	1 pc	2090088 ¹⁾
DD-B 250/450 HCL	250 mm	450 mm	No	17	Concrete, abrasive	M41	1 pc	2090089 ¹⁾
DD-B 300/450 HCL	300 mm	450 mm	No	18	Concrete, abrasive	M41	1 pc	2090090 ¹⁾
DD-B 350/450 HCL	350 mm	450 mm	No	20	Concrete, abrasive	M41	1 pc	2090091 ¹⁾
DD-B 400/450 HCL	400 mm	450 mm	No	22	Concrete, abrasive	M41	1 pc	2090092 ¹⁾

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

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Accessories

Ordering designation		DD 200	Sales pack quantity	Item number
BL connection end PL/HCL/UCL core bit with BL connection end		■	1 pc	305542
Drilling stand DD-ST 200		■	1 pc	2105437
Vacuum pump DD VP-U 230V		■	1 pc	408458
Vacuum pump DD VP-U 110V		■	1 pc	408996

Please visit Hilti website for the latest item numbers and related products

Diamond coring tool DD 350-CA



APPLICATIONS

- Drilling through-holes and penetrations
- Blind holes for setting anchors or post-installed rebar
- Corner holes for sawing
- Manhole openings
- Stitch coring for installing cable trays
- Large openings for water drainage pipes, etc.

ADVANTAGES

- Powerful high-frequency motor with electronic speed control for optimum power delivery over the entire diameter range
- Compatible with the DD AF-CA automatic feed unit that makes drilling a highly efficient and fully automated process
- Iron Boost: for a quick performance boost with increased torque when drilling through rebar
- IP 55 water spray protection ensures drilling performance in adverse conditions
- Operation within the optimum power band, for peak performance and longer core bit life, is easy with the aid of the LED power indicators
- High performance, low weight
- BL quick-lock keyless chuck system for easy core bit changing
The service indicator warns when servicing is due, reducing downtime and helping to avoid costly repairs
- The brushless motor minimizes servicing and repair costs
- 10 electronically switched "Gears"



Technical data

Drilling range	Rig-based wet: 52-500 mm
Nominal power	3600W
Rotation speed	Gear 1: 667 rpm; Gear 2: 298 rpm
Dimensions (LxWxH)	608 x 192 x 216 mm
Weight of complete system	34.9 kg
Chuck type	BL
Protection class	Class I
Radio and television interference suppression	Yes
Possible corebits	PL, HCL, UCL



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Ordering designation	Package contents	Sales pack quantity	Item number
DD 350-CA BL 230V	1x Diamond coring tool DD 350-CA 230V, 1x Chuck DD-C-BL	1 pc	2087381¹⁾
DD 350-CA BL 110V	1x Diamond coring tool DD 350-CA 110V, 1x Chuck DD-C-BL	1 pc	2095234
DD 350-CA 110V System	1x Diamond coring tool DD 350-CA 110v, 1x Chuck BL assy, 1x DD-HD30 Drill stand, 1x DD-CN-SML Clamping nut, 1x DD-CS M16 Jack Screw, 1x HSD-G M16 Setting tool, 1x TE-CX 20/22, 50x HKD M16x50	1 pc	3552791
DD 350-CA 230V System	1x Diamond coring tool DD 350-CA 230v, 1x Chuck BL assy, 1x DD-HD30 Drill stand, 1x DD-CN-SML Clamping nut, 1x DD-CS M16 Jack Screw, 1x HSD-G M16 Setting tool, 1x TE-CX 20/22, 50x HKD M16x50	1 pc	3552792

Please visit Hilti website for the latest item numbers and related products

Related products on page

Consumables 177, 180-184

Diamond core bit DD-B PL / Diamond core bit DD-B HCL



APPLICATIONS

- Coring in the 52-202 mm diameter range in reinforced concrete on PL
- Coring in the 225-500 mm diameter range in reinforced concrete on HCL

Technical data

Base materials	Concrete, abrasive
Change module	Yes
Connection end	M41

ADVANTAGES

- Laser-welded segments

Ordering Designation	Nominal Diameter	Working Length	Flexible connection end	Number of segments	Base materials	Connection end	Sales pack quantity	Item number
DD-B 52/430+ PL	52 mm	430 mm	Yes	4	Concrete, abrasive	M41	1 pc	2015394
DD-B 57/430+ PL	57 mm	430 mm	Yes	4	Concrete, abrasive	M41	1 pc	2015395 ¹⁾
DD-B 62/430+ PL	62 mm	430 mm	Yes	5	Concrete, abrasive	M41	1 pc	2015396 ¹⁾
DD-B 72/430+ PL	72 mm	430 mm	Yes	6	Concrete, abrasive	M41	1 pc	2015398 ¹⁾
DD-B 77/430+ PL	77 mm	430 mm	Yes	6	Concrete, abrasive	M41	1 pc	2015399 ¹⁾
DD-B 82/430+ PL	82 mm	430 mm	Yes	7	Concrete, abrasive	M41	1 pc	2015400 ¹⁾
DD-B 92/430+ PL	92 mm	430 mm	Yes	8	Concrete, abrasive	M41	1 pc	2015402 ¹⁾
DD-B 102/430+ PL	102 mm	430 mm	Yes	9	Concrete, abrasive	M41	1 pc	2015403
DD-B 112/430+ PL	112 mm	430 mm	Yes	9	Concrete, abrasive	M41	1 pc	2015404 ¹⁾
DD-B 122/430+ PL	122 mm	430 mm	Yes	10	Concrete, abrasive	M41	1 pc	2015405
DD-B 142/430+ PL	142 mm	430 mm	Yes	12	Concrete, abrasive	M41	1 pc	2015407 ¹⁾
DD-B 152/430+ PL	152 mm	430 mm	Yes	13	Concrete, abrasive	M41	1 pc	2015408
DD-B 162/430+ PL	162 mm	430 mm	Yes	13	Concrete, abrasive	M41	1 pc	2015409 ¹⁾
DD-B 182/430+ PL	182 mm	430 mm	Yes	13	Concrete, abrasive	M41	1 pc	2015410 ¹⁾
DD-B 202/430+ PL	202 mm	430 mm	Yes	14	Concrete, abrasive	M41	1 pc	2015411
DD-B 225/450 HCL	225 mm	450 mm	No	17	Concrete, abrasive	M41	1 pc	2090088 ¹⁾
DD-B 250/450 HCL	250 mm	450 mm	No	17	Concrete, abrasive	M41	1 pc	2090089 ¹⁾
DD-B 300/450 HCL	300 mm	450 mm	No	18	Concrete, abrasive	M41	1 pc	2090090 ¹⁾
DD-B 350/450 HCL	350 mm	450 mm	No	20	Concrete, abrasive	M41	1 pc	2090091 ¹⁾
DD-B 400/450 HCL	400 mm	450 mm	No	22	Concrete, abrasive	M41	1 pc	2090092 ¹⁾
DD-B 450/450 HCL	450 mm	450 mm	No	24	Concrete, abrasive	M41	1 pc	2090093 ¹⁾
DD-B 500/450 HCL	500 mm	450 mm	No	26	Concrete, abrasive	M41	1 pc	2090094 ¹⁾

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

Please visit Hilti website for the latest item numbers and related products

Accessories

Ordering designation		DD 350-CA	Sales pack quantity	Item number
BL connection end PL/HCL/UCL core bit with BL connection end		■	1 pc	305542
Drilling stand DD-HD 30		■	1 pc	305534 ¹⁾
Vacuum base plate DD HD 30-VBP		■	1 pc	365538
Vacuum pump DD VP-U 230V		■	1 pc	408458
Vacuum pump DD VP-U 110V		■	1 pc	408996

Please visit Hilti website for the latest item numbers and related products

Diamond coring tool DD 500-CA



APPLICATIONS

- Coring through-holes and penetrations
- Drilling blind holes for setting anchors or post-installed rebar
- Corner holes for sawing
- Manhole openings
- Stitch coring for installing cable trays
- Large openings for drain pipes etc.

ADVANTAGES

- Operation within the optimum power range is easy with the aid of the LED power controls for peak performance and longer core bit life
- Powerful high-frequency motor with electronic speed control for optimum power delivery over the entire diameter range
- High performance, low weight
- The brushless motor minimizes servicing and repair costs
- The service indicator warns when servicing is due, reducing down time and helping to avoid costly repairs
- With IP 55 water spray protection, drilling can be carried out under adverse conditions



Technical data

Drilling range	Rig-based wet: 82-600 mm
Nominal power	5500W
Rotation speed	Gear 1: 531 rpm; Gear 2: 265 rpm
Dimensions (LxWxH)	608 x 192 x 216 mm
Weight of complete system	37.1 kg
Protection class	Class I
Radio and television interference suppression	Yes
Rated voltage	400V
Chuck type	Quick-release BL
Possible corebits	PL, HCL, UCL



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Ordering designation	Package contents	Sales pack quantity	Item number
DD 500-CA BL 400V	1x Diamond coring tool DD 500-CA 400V assy, 1x Chuck DD-C-BL assy	1 pc	2087267
DD 500-CA 400V System	1x Diamond coring tool DD 500-CA 400v, 1x Chuck BL assy, 1x DD-HD30 Drill stand, 1x DD-CN-SML Clamping nut, 1x DD-CS M16 Jack Screw, 1x HSD-G M16 Setting tool, 1x TE-CX 20/22, 50x HKD M16x50	1 pc	3553353

Please visit Hilti website for the latest item numbers and related products

Related products on page

Consumables 179-184

Diamond core bit DD-B PL / Diamond core bit DD-B HCL



Ordering Designation	Nominal Diameter	Working Length	Flexible connection end	Number of segments	Base materials	Connection end	Sales pack quantity	Item number
DD-B 52/430+ PL	52 mm	430 mm	Yes	4	Concrete, abrasive	M41	1 pc	2015394
DD-B 57/430+ PL	57 mm	430 mm	Yes	4	Concrete, abrasive	M41	1 pc	2015395 ¹⁾
DD-B 62/430+ PL	62 mm	430 mm	Yes	5	Concrete, abrasive	M41	1 pc	2015396 ¹⁾
DD-B 72/430+ PL	72 mm	430 mm	Yes	6	Concrete, abrasive	M41	1 pc	2015398 ¹⁾
DD-B 77/430+ PL	77 mm	430 mm	Yes	6	Concrete, abrasive	M41	1 pc	2015399 ¹⁾
DD-B 82/430+ PL	82 mm	430 mm	Yes	7	Concrete, abrasive	M41	1 pc	2015400 ¹⁾
DD-B 92/430+ PL	92 mm	430 mm	Yes	8	Concrete, abrasive	M41	1 pc	2015402 ¹⁾
DD-B 102/430+ PL	102 mm	430 mm	Yes	9	Concrete, abrasive	M41	1 pc	2015403
DD-B 112/430+ PL	112 mm	430 mm	Yes	9	Concrete, abrasive	M41	1 pc	2015404 ¹⁾
DD-B 122/430+ PL	122 mm	430 mm	Yes	10	Concrete, abrasive	M41	1 pc	2015405
DD-B 142/430+ PL	142 mm	430 mm	Yes	12	Concrete, abrasive	M41	1 pc	2015407 ¹⁾
DD-B 152/430+ PL	152 mm	430 mm	Yes	13	Concrete, abrasive	M41	1 pc	2015408
DD-B 162/430+ PL	162 mm	430 mm	Yes	13	Concrete, abrasive	M41	1 pc	2015409 ¹⁾
DD-B 182/430+ PL	182 mm	430 mm	Yes	13	Concrete, abrasive	M41	1 pc	2015410 ¹⁾
DD-B 202/430+ PL	202 mm	430 mm	Yes	14	Concrete, abrasive	M41	1 pc	2015411
DD-B 225/450 HCL	225 mm	450 mm	No	17	Concrete, abrasive	M41	1 pc	2090088 ¹⁾
DD-B 250/450 HCL	250 mm	450 mm	No	17	Concrete, abrasive	M41	1 pc	2090089 ¹⁾
DD-B 300/450 HCL	300 mm	450 mm	No	18	Concrete, abrasive	M41	1 pc	2090090 ¹⁾
DD-B 350/450 HCL	350 mm	450 mm	No	20	Concrete, abrasive	M41	1 pc	2090091 ¹⁾
DD-B 400/450 HCL	400 mm	450 mm	No	22	Concrete, abrasive	M41	1 pc	2090092 ¹⁾
DD-B 450/450 HCL	450 mm	450 mm	No	24	Concrete, abrasive	M41	1 pc	2090093 ¹⁾
DD-B 500/450 HCL	500 mm	450 mm	No	26	Concrete, abrasive	M41	1 pc	2090094 ¹⁾
DD-B 600/450 HCL	600 mm	450 mm	No	30	Concrete, abrasive	M41	1 pc	2090095 ¹⁾

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

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Accessories

Ordering designation		DD 500-CA	Sales pack quantity	Item number
BL connection end PL/HCL/UCL core bit with BL connection end		■	1 pc	305542
Drilling stand DD-HD 30		■	1 pc	305534 ¹⁾
Vacuum base plate DD HD 30-VBP		■	1 pc	365538
Vacuum pump DD VP-U 230V		■	1 pc	408458
Vacuum pump DD VP-U 110V		■	1 pc	408996

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Consumables

Diamond core bit DD-B PL - Premium



SUITABLE MACHINE

- DD 120
- DD 160







Technical data	
Base materials	Concrete, abrasive
Change module	Yes
Connection end	M41

Ordering Designation	Nominal Diameter	Working Length	Flexible connection end	Number of segments	Base materials	Connection end	Sales pack quantity	Item number
DD-B 35/430+ PL	35 mm	430 mm	Yes	3	Concrete, abrasive	M41	1 pc	2015389
DD-B 37/430+ PL	37 mm	430 mm	Yes	3	Concrete, abrasive	M41	1 pc	2015390
DD-B 40/430+ PL	40 mm	430 mm	Yes	3	Concrete, abrasive	M41	1 pc	2015391
DD-B 42/430+ LCL	42 mm	430 mm	Yes	3	Concrete, abrasive	M41	1 pc	2098135
DD-B 47/430+ PL	47 mm	430 mm	Yes	4	Concrete, abrasive	M41	1 pc	2015393
DD-B 52/430+ PL	52 mm	430 mm	Yes	4	Concrete, abrasive	M41	1 pc	2015394
DD-B 57/430+ PL	57 mm	430 mm	Yes	4	Concrete, abrasive	M41	1 pc	2015395
DD-B 62/430+ PL	62 mm	430 mm	Yes	5	Concrete, abrasive	M41	1 pc	2015396
DD-B 72/430+ PL	72 mm	430 mm	Yes	6	Concrete, abrasive	M41	1 pc	2015398
DD-B 77/430+ PL	77 mm	430 mm	Yes	6	Concrete, abrasive	M41	1 pc	2015399
DD-B 82/430+ PL	82 mm	430 mm	Yes	7	Concrete, abrasive	M41	1 pc	2015400
DD-B 92/430+ PL	92 mm	430 mm	Yes	8	Concrete, abrasive	M41	1 pc	2015402
DD-B 102/430+ PL	102 mm	430 mm	Yes	9	Concrete, abrasive	M41	1 pc	2015403
DD-B 112/430+ PL	112 mm	430 mm	Yes	9	Concrete, abrasive	M41	1 pc	2015404 ¹⁾
DD-B 122/430+ PL	122 mm	430 mm	Yes	10	Concrete, abrasive	M41	1 pc	2015405
DD-B 142/430+ PL	142 mm	430 mm	Yes	12	Concrete, abrasive	M41	1 pc	2015407 ¹⁾
DD-B 152/430+ PL	152 mm	430 mm	Yes	13	Concrete, abrasive	M41	1 pc	2015408
DD-B 162/430+ PL	162 mm	430 mm	Yes	13	Concrete, abrasive	M41	1 pc	2015409
DD-B 182/430+ PL	182 mm	430 mm	Yes	13	Concrete, abrasive	M41	1 pc	2015410 ¹⁾
DD-B 202/430+ PL	202 mm	430 mm	Yes	14	Concrete, abrasive	M41	1 pc	2015411

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

Please visit Hilti website for the latest item numbers and related products

Required connection end

Ordering designation	DD 120	DD 160	DD 200	DD 350-CA	DD 500-CA	Sales pack quantity	Item number
BI+ connection end DD-B PL core bit with BI+ connection end 	■	■				1 pc	236120
BL connection end PL core bit with BL connection end 			■	■	■	1 pc	305542
DD-BS connection end Connect core bit with non-Hilti tools (US type) 	■	■	■	■	■	1 pc	286794
A-Rod connection end Connect core bit with non-Hilti tools (Asia type) 	■	■	■	■	■	1 pc	374814

Please visit Hilti website for the latest item numbers and related products

Diamond core bit DD-B HCL - Premium



SUITABLE MACHINE

- DD 200
- DD 350-CA
- DD 500-CA



Technical data	
Base materials	Concrete, abrasive
Change module	Yes
Connection end	M41

Ordering Designation	Nominal Diameter	Working Length	Flexible connection end	Number of segments	Base materials	Connection end	Sales pack quantity	Item number
DD-B 225/450 HCL	225 mm	450 mm	No	17	Concrete, abrasive	M41	1 pc	2090088 ¹⁾
DD-B 250/450 HCL	250 mm	450 mm	No	17	Concrete, abrasive	M41	1 pc	2090089 ¹⁾
DD-B 300/450 HCL	300 mm	450 mm	No	18	Concrete, abrasive	M41	1 pc	2090090 ¹⁾
DD-B 350/450 HCL	350 mm	450 mm	No	20	Concrete, abrasive	M41	1 pc	2090091 ¹⁾
DD-B 400/450 HCL	400 mm	450 mm	No	22	Concrete, abrasive	M41	1 pc	2090092 ¹⁾
DD-B 450/450 HCL	450 mm	450 mm	No	24	Concrete, abrasive	M41	1 pc	2090093 ¹⁾
DD-B 500/450 HCL	500 mm	450 mm	No	26	Concrete, abrasive	M41	1 pc	2090094 ¹⁾
DD-B 600/450 HCL	600 mm	450 mm	No	30	Concrete, abrasive	M41	1 pc	2090095 ¹⁾

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

Please visit Hilti website for the latest item numbers and related products



Required connection end

Ordering designation	DD 200	DD 350-CA	DD 500-CA	Sales pack quantity	Item number
BL connection end HCL core bit with BL connection end	■	■	■	1 pc	305542



Please visit Hilti website for the latest item numbers and related products

Diamond core bit DD-B UCL - Standard



SUITABLE MACHINE

- DD 120
- DD 160
- DD 200
- DD 350-CA
- DD 500-CA



















Technical data

Base materials	Concrete, abrasive
Change module	Yes
Connection end	M41

Ordering Designation	Nominal Diameter	Working Length	Flexible connection end	Base materials	Connection end	Sales pack quantity	Item number
DD-B 35/430 UCL	35	430	Yes	Concrete, Abrasive	M41	1 pc	2139058
DD-B 37/430 UCL	37	430	Yes	Concrete, Abrasive	M41	1 pc	2139059
DD-B 42/430 UCL	42	430	Yes	Concrete, Abrasive	M41	1 pc	2139234
DD-B 47/430 UCL	47	430	Yes	Concrete, Abrasive	M41	1 pc	2139235
DD-B 52/430 UCL	52	430	Yes	Concrete, Abrasive	M41	1 pc	2139236
DD-B 62/430 UCL	62	430	Yes	Concrete, Abrasive	M41	1 pc	2139237
DD-B 72/430 UCL	72	430	Yes	Concrete, Abrasive	M41	1 pc	2139238
DD-B 77/430 UCL	77	430	Yes	Concrete, Abrasive	M41	1 pc	2139239
DD-B 82/430 UCL	82	430	Yes	Concrete, Abrasive	M41	1 pc	2139310
DD-B 92/430 UCL	92	430	Yes	Concrete, Abrasive	M41	1 pc	2139311
DD-B 102/430 UCL	102	430	Yes	Concrete, Abrasive	M41	1 pc	2139312
DD-B 107/430 UCL	107	430	Yes	Concrete, Abrasive	M41	1 pc	2139313
DD-B 112/430 UCL	112	430	Yes	Concrete, Abrasive	M41	1 pc	2139314
DD-B 122/430 UCL	122	430	Yes	Concrete, Abrasive	M41	1 pc	2139315
DD-B 127/430 UCL	127	430	Yes	Concrete, Abrasive	M41	1 pc	2139316
DD-B 132/430 UCL	132	430	Yes	Concrete, Abrasive	M41	1 pc	2139317
DD-B 152/430 UCL	152	430	Yes	Concrete, Abrasive	M41	1 pc	2139318
DD-B 162/430 UCL	162	430	Yes	Concrete, Abrasive	M41	1 pc	2139319
DD-B 172/430 UCL	172	430	Yes	Concrete, Abrasive	M41	1 pc	2139320
DD-B 202/430 UCL	202	430	Yes	Concrete, Abrasive	M41	1 pc	2139321
DD-B 225/430 UCL	225	430	Yes	Concrete, Abrasive	M41	1 pc	2139322
DD-B 250/430 UCL	250	430	Yes	Concrete, Abrasive	M41	1 pc	2139323
DD-B 300/430 UCL	300	430	Yes	Concrete, Abrasive	M41	1 pc	2139324

Please visit Hilti website for the latest item numbers and related products







Accessories for Diamond Drilling Tools

Ordering designation		DD 120	DD 160	DD 200	DD 350-CA	DD 500-CA	Sales pack quantity	Item number
Column swivel DD-ST-150/160-RR			■				1 pc	2006373 ¹⁾
Flow indicator DD-WFI Water flow indicator		■	■	■	■	■	1 pc	305939 ¹⁾
Handwheel DD-HW-3A			■				1 pc	2007687 ¹⁾
Nut DD-LR-CLN		■					1 pc	333477
Jack Screw DD-LR-CLS Spindle set for fixing drill stand , recommended max. core bit size 102 mm		■					1 pc	333629
Set of wheels DD-HD30-W				■	■	■	1 pc	305541 ¹⁾
Spacer DD-HD30-SP				■	■	■	1 pc	305539
Vacuum baseplate DD-HD30-VBP					■	■	1 pc	305538 ¹⁾
Vacuum baseplate DD-ST-VBP 120/160		■	■	■			1 pc	2027859 ¹⁾
Water collector holder DD-HD30-WCH				■	■	■	1 pc	305536 ¹⁾
Water collector holder DD-ST-150/160-WCH			■				1 pc	2016633 ¹⁾
Water collector holder DD-LR-A-WCH		■					1 pc	331622 ¹⁾
Water collector system DD-WMK-BI		■	■				1 pc	2040915 ¹⁾
Quick-locking nut DD-CN-SML (Use with Jack screw DD-CS M12-SM/M16) Spindle set for fixing drill stand			■	■	■	■	1 pc	251834
Jack Screw DD-CS M12-SM Spindle set for fixing drill stand, recommended max. core bit size 202 mm			■				1 pc	251830
Jack Screw DD-CS M16 Spindle set for fixing drill stand, recommended max. core bit size 600 mm			■	■	■	■	1 pc	337378

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

Please visit Hilti website for the latest item numbers and related products

Accessories for Diamond Drilling Tools

Ordering designation		DD 120	DD 160	DD 200	DD 350-CA	DD 500-CA	Sales pack quantity	Item number
Connection end BI-1		■	■				1 pc	236120
Connection end BL				■	■	■	1 pc	305542
Extension DD-BI-ET 300		■	■				1 pc	220929
Extension DD-BL-ET 300				■	■	■	1 pc	305903
Accessory M12 set			■				1 pc	409269 ¹⁾
Accessory kit DD M16			■	■	■	■	1 pc	409303 ¹⁾

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

Please visit Hilti website for the latest item numbers and related products

Water management system WMS 100 NEW



APPLICATIONS

- Suitable for all wet diamond coring applications
- Works with all Hilti diamond coring tools
- Operates in 3 modes – recycling, vacuum cleaning and water supply

ADVANTAGES

- Provides up to one full day of water autonomy for wet diamond coring applications
- Keeps the jobsite clean – all slurry is collected by the Hilti water collection system
- Easy disposal process – all the slurry is collected in the filter bag
- One filter bag recycles waste water up to 7 times which equals up to 100 litres of water output



Technical data

Weight according to EPTA Procedure 01/2003	19.7 kg
Supply cord length	5 m
A-weighted emission sound pressure level¹⁾	76 dB (A)
Max. water pressure	7 bar
Protection class	Class I

¹⁾ according to EN 60745

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Ordering designation	Package contents	Sales pack quantity	Item number
Kit DD-WMS 100 110V	1x Water collector system DD-WCS-122, 1x Water collector system DD-WCS-172, 1x Water management system DD-WMS 100 110V, 1x Push bar DD-WMS 100 assy, 5x Filtration bag	1 pc	3579734
Kit DD-WMS 100 230V	1x Water collector system DD-WCS-122, 1x Water collector system DD-WCS-172, 1x Water management system DD-WMS 100 230V, 1x Push bar DD-WMS 100 assy, 5x Filtration bag	1 pc	3579735
DD-WMS 100 110V	1x Water management system DD-WMS 100 110V	1 pc	2145578
DD-WMS 100 230V	1x Water management system DD-WMS 100 230V	1 pc	2145821

Please visit Hilti website for the latest item numbers and related products

Related products on page

Consumables 186

Accessories for WMS 100

Ordering designation		Sales pack quantity	Item number
Filtration Bag DD-WMS 100 MP5 large Multi pack of 5 filter bags		1 pc	2145833
Filtration Bag DD-WMS 100 MP25 large Multi pack of 25 filter bags		1 pc	2145834 ¹⁾
Water collector system DD-WCS-67 New self-fixating water collector up to 67 mm		1 pc	2159810
Water collector system DD-WCS-122 New self-fixating water collector up to 122 mm		1 pc	2159811
Water collector system DD-WCS-142 New self-fixating water collector up to 142 mm		1 pc	2159812
Water collector system DD-WCS-172 New self-fixating water collector up to 172 mm		1 pc	2159813
Water collector system DD-WCS-250 New self-fixating water collector up to 250 mm		1 pc	2159814
Seal DD-WCS-67 set Spare rubber sealing (2 pcs) for respective water collector ring		1 pc	2166106
Seal DD-WCS-122 set Spare rubber sealing (2 pcs) for respective water collector ring		1 pc	2166107
Seal DD-WCS-142 set Spare rubber sealing (2 pcs) for respective water collector ring		1 pc	2166108
Seal DD-WCS-172 set Spare rubber sealing (2 pcs) for respective water collector ring		1 pc	2166109
Seal DD-WCS-250 set Spare rubber sealing (2 pcs) for respective water collector ring		1 pc	2166200
Push bar DD-WMS 100 assy Standard pushbar from VC, equipped with retaining strap (#2159819) and 2 hooks (#2160030) - 1 for retaining strap, 1 for hoses set		1 pc	2159816
Suction hose DD-WMS 100 assy Supplied with rubber hose connector (#2160032) and small retaining strap		1 pc	2159817
Water supply hose DD-WMS 100 assy Complete, with water flow indicator		1 pc	2159818
Retaining strap DD-WMS 100 Part of WMS push bar, used to fix toolcases on the WMS		1 pc	2159819 ¹⁾
Hook DD-WMS 100 1 hook, used on the push bar to hang retaining strap or set of hoses		1 pc	2160030 ¹⁾
Hose clamp DD-WMS 100 set Set of clams to fix together the suction hose and water supply hose (4 small and 4 big)		1 pc	2160031 ¹⁾
Hose connector DD-WMS 100 Standard part of suction hose		1 pc	2160032

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

Please visit Hilti website for the latest item numbers and related products

Vacuum pump DD VP-U**Order Now**

Ordering Designation	Sales pack quantity	Item number
Vacuum pump DD VP-U 230V	1 pc	408458
Vacuum pump DD VP-U 110V	1 pc	408996

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

Please visit Hilti website for the latest item numbers and related products

5**Water supply unit and components DD**

Ordering Designation	Sales pack quantity	Item number
Flow indicator DD-WFI	1 pc	305939 ¹⁾
Water supply unit DWP 10	1 pc	365595 ¹⁾

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

Please visit Hilti website for the latest item numbers and related products

Wall saw DST 10-CA



APPLICATIONS

- Cutting and extending openings for doors and windows, openings in floors, in reinforced concrete, masonry and natural stone
- Facade and balcony renovation
- Sawing in tight spaces or where access is difficult

ADVANTAGES

- Extremely compact, easy to handle and transport and quick to set up thanks to integrated control electronics
- Hilti Traction Control for maximum sawing performance with a 16 amp electric supply
- Unique: Cutting depth is shown in real time in the display on the remote control unit
- Wireless remote control



Technical data

Mains frequency	50/60 Hz
IP protection class	IP 65
Saw blade diameter - range	600 - 900 mm
Weight - drive	32 kg
Dimensions (LxWxH) - drive	365 x 400 x 350 mm
A-weighted emission sound pressure level¹⁾	114.5 dB (A)
Min. cooling water supply rate	2 L/min
Min. generator power	20 kVA
Motor power S1	9 kW
Rated voltage	400 V
Remote control	Wireless
Saw blade diameter - max.	900 mm

¹⁾ according to EN 60745















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Ordering designation	Package contents	Sales pack quantity	Item number
DST 10-CA 3x400V	1x Sawing head DST 10-CA CE assy, 4x Rail support DS-RF-L, 50x Flush anchor HKD-D 12x50, 1x Remote control DST WRC-CA assy, 1x Coupler CEE 16A/400V/5P/6H, 1x Trolley assy, 1x Center section DS-BG 80, 1x Side section DS-BG 80, 1x Tool set DST-TS10	1 pc	2052107

Please visit Hilti website for the latest item numbers and related products

Accessories for Diamond Sawing Machines

Ordering designation		DST 10-CA	Sales pack quantity	Item number
Accessory kit DS-TS			1 pc	284805 ¹⁾
Double taper pin D-CO-ML For connecting two guide rails		■	1 pc	232241
Eccentric pin DD-EP-ML For connecting two guide rails, 2 pins required		■	1 pc	232244
Guide rail DS-R100-L		■	1 pc	284808
Guide rail DS-R200-L		■	1 pc	284809
Rail support DS-RF-L		■	1 pc	284814
Flush cutting flange DS-FCA-110		■	1 pc	258436
Center section DS-BG 80			1 pc	238002 ¹⁾
Center section DS-BG 120		■	1 pc	238004
Center section DS-BGF 120			1 pc	238008 ¹⁾
Center section DS-BGF 80		■	1 pc	238006 ¹⁾
Side section DS-BG 120 For normal cutting, contain 2 sections			1 pc	238005 ¹⁾
Side section DS-BG 80 For flush cutting, contain 2 sections		■	1 pc	238003 ¹⁾
Side section DS-BGF 120 For flush cutting, contain 2 sections			1 pc	238009 ¹⁾
Side section DS-BGF 80 For flush cutting, contain 2 sections		■	1 pc	238007 ¹⁾
Blade guard DS T-BG 160 For normal cutting, contain whole blade guard			1 pc	2064904
Blade guard DS T-BG 160S For flush cutting, contain whole blade guard			1 pc	256237

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

Please visit Hilti 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
- Sawing anything from heavily reinforced concrete to thickstonework
- Technical demolition of structural components (bridges, chimneys, foundations)
- 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
- High performance diamond wire in fixed working lengths
- Factory-fitted, quick-release couplings for greatly reduced coupling failure



Technical data

Mains frequency	50/60 Hz
IP protection class	IP 65 (EN 60529), IP 54 (IEC 529)
Weight - drive	266 kg
Dimensions (LxWxH) - drive	1560 x 790 x 920 mm
A-weighted emission sound pressure level¹⁾	79 dB (A)
Min. cooling water supply rate	5 L/min
Min. generator power	40 kVA
Motor power S1	15 kW
Power source type	Electric
Rated voltage	400 V
Wire speed	0 - 27 m/s

¹⁾ according to EN 60745



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	365429 ¹⁾

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

Please visit Hilti website for the latest item numbers and related products

Wire saw DSW 3018-E **NEW**



APPLICATIONS

- Structural alteration of buildings – cuts openings of all kinds and almost any shape
- Sawing anything from heavily reinforced concrete to thickstonework
- Technical demolition of structural components (bridges, chimneys, foundations)
- 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
- High performance diamond wire in fixed working lengths
- Factory-fitted, quick-release couplings for greatly reduced coupling failure



Technical data

A-weighted emission sound pressure level¹⁾	86.1 dB (A)
Dimensions (LxWxH) - drive	2360 x 1090 x 1230 mm
Guide wheel diameter	280 mm
IP protection class	IP 65 (EN 60529), IP 54 (IEC 529)
Min. cooling water supply rate	5 L/min
Min. generator power	80 kVA
Min. storage temperature	-15 °C
Motor power S1	30 kW
Nominal power	30 kW
Pin assignment	3P+PE
Power source type	3x400V/63A
Rated voltage	400 V

¹⁾ according to EN 60745



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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, 1x Coupler CEE 63A/400V/5P/6H	1 pc	2031881

Please visit Hilti website for the latest item numbers and related products

MCL blade - Premium



Technical data	
Base materials	Concrete, soft to hard
Laser-welded segments	Yes
Type	Equidist

Ordering Designation	Number of segments	Diameter	Segment dimensions	Segment width	Sales pack quantity	Item number
DS-BT 600x4.8/60H MCL	45	600 mm	24 x 4.8 x 10 mm	4.8 mm	1 pc	2142240 ¹⁾
DS-BT 800x4.8/60H MCL+	65	800 mm	24 x 4.8 x 10 mm	4.8 mm	1 pc	2176812 ¹⁾
DS-BT 900x4.8/60H MCL	69	900 mm	24 x 4.8 x 10 mm	4.8 mm	1 pc	2142246 ¹⁾
DS-BT 1000x4.5/60H MCL	73	1000 mm	24 x 4.5 x 10 mm	4.5 mm	1 pc	2142247 ¹⁾
DS-BT 1200x4.5/60H MCL	86	1200 mm	24 x 4.5 x 10 mm	4.5 mm	1 pc	2142248 ¹⁾

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

Please visit Hilti website for the latest item numbers and related products

Asian blade - Standard



Technical data	
Base materials	Concrete, soft to hard
Laser-welded segments	Yes

Ordering Designation	Diameter	Segment width	Sales pack quantity	Item number
Wall saw blade 800 x 4.8/60H SP M-HC	600 mm	4.8 mm	1 pc	2143214 ¹⁾
Wall saw blade 1000 x 4.5/60H SP M-HC	1000 mm	4.5 mm	1 pc	2143215 ¹⁾
Wall saw blade 1200 x 4.5/60H SP M-HC	1200 mm	4.5 mm	1 pc	2143216 ¹⁾

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

Please visit Hilti website for the latest item numbers and related products

F2 wire - Standard**CHARACTERISTICS**

- Balance between life & cutting speed



Ordering Designation	Bead Ø (mm)	No. of Bead/m	Type	Wire length	Sales pack quantity	Item number
DS-W SI 10.5-100m D F2	10.5	40	Sintered	100 m	1 pc	2121445 ¹⁾

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

Please visit Hilti website for the latest item numbers and related products

VB wire - Premium**CHARACTERISTICS**

- Two diamond layers for highly reinforced concrete



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Ordering Designation	Bead Ø (mm)	No. of Bead/m	Type	Wire length	Sales pack quantity	Item number
DS-W VB 10.5-100m C+ Steel	10.5	44	Vacuum brazed	100 m	1 pc	2190154 ¹⁾

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

Please visit Hilti website for the latest item numbers and related products

Steel wire - Premium**CHARACTERISTICS**

- Premium wire for fast cutting (pure steel & highly reinforced concrete)

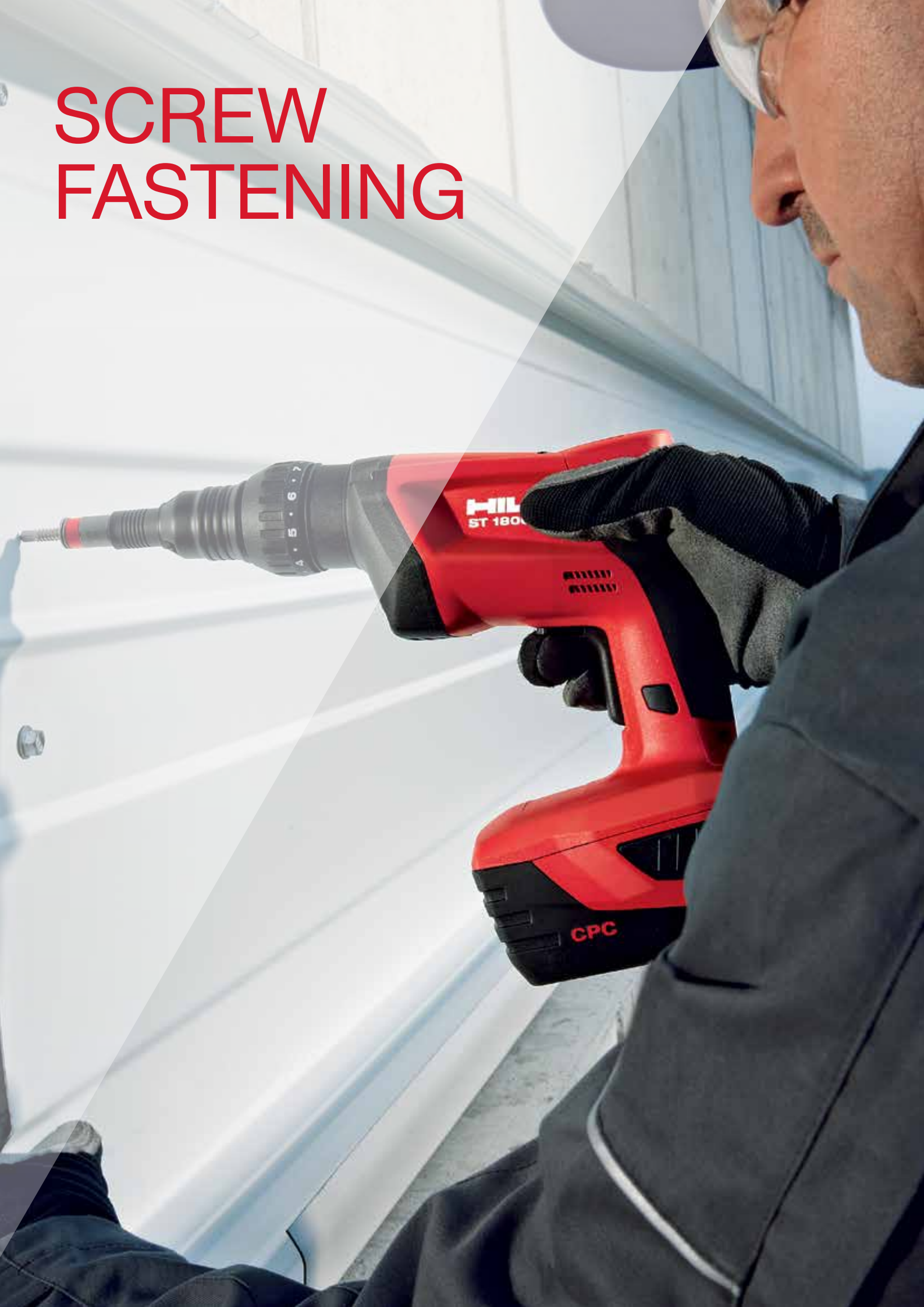


Ordering Designation	Bead Ø (mm)	No. of Bead/m	Type	Wire length	Sales pack quantity	Item number
DS-W EP 10.8-100m 100% steel	10.8	48	Electroplated	100 m	1 pc	371991 ¹⁾

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

Please visit Hilti website for the latest item numbers and related products

SCREW FASTENING





Metal Screwdrivers

Cordless metal construction screwdriver ST 1800-A22	Page 196
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Self-drilling screws

Self-drilling screw, without washer (A2 stainless steel with hardened carbon steel drill point) S-MD 03 S	Page 199
Self-drilling screw, without washer (A4 stainless steel with hardened carbon steel drill point) S-MD 03 SS	Page 199
Self-drilling screw, 14 mm washer (A2 stainless steel with hardened carbonsteel drill point with fitted EPDM sealing washer) S-MD 43 S	Page 200

Cordless metal construction screwdriver ST 1800-A22 **NEW**



APPLICATIONS

- Driving self-drilling and self-tapping screws in various materials including steel, aluminium and wood
- Fastening profile metal sheets
- Fastening sandwich panels
- Fastening liner trays
- Screwing steel or aluminium profiles together
- Driving collated screws at side laps

ADVANTAGES

- High-performance cordless screwdriver with the features of a corded tool, specially designed for metal construction work
- Compact and well-balanced design with practical and comfortable in-line grip
- Built-in torque clutch and depth gauge for driving self-drilling screws (torque-controlled and depth-controlled driving)
- Perfectly matched power and speed for maximum productivity in steel and metal screwdriving applications
- Higher cordless productivity and greater working comfort with the SDT30 stand-up tool and ST-SG screw guide
- Batteries are compatible with other tools in the Hilti 22V Li-ion cordless system

Technical data

No-load speed - range	0 - 2000 rpm
Max. torque	12 Nm
Dimensions (LxWxH)	252 x 94 x 268 mm
Weight	2.5 kg
Control switch lock	Yes
Chuck type	Quick-release chuck 1/4 in
Reversing switch	Yes
Spindle lock	Yes



Ordering designation	Package contents	Sales pack quantity	Item number
ST 1800-A22	1x Cordl. metal screwdr. ST 1800-A22, 1x Socket wrench insert S-NSD 8, 1x Cap, 1x Case	1 pc	437867

Please visit Hilti website for the latest item numbers and related products

Metal construction screwdriver ST 1800



APPLICATIONS

- Sheet metal to sheet metal
- Sheet metal on steel or aluminum substructures
- Trapezoidal profile sheets on liner trays

ADVANTAGES

- Universal screwdriver for a wide range of applications in metal construction
- The torque clutch prevents over-driving or screw head breakage
- Depth gauge function for controlled compression of the sealing washer and thus optimum sealing

Technical data	
Mains frequency	50/60 Hz
No-load speed - range	0 - 1900 rpm
Max. torque	22 Nm
Dimensions (LxWxH)	308 x 72 x 265 mm
Variable speed switch	Yes
Weight	1.8 kg
Control switch lock	Yes
Chuck type	Quick-release chuck 1/4 in
Reversing switch	Yes













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Ordering designation	Package contents	Sales pack quantity	Item number
ST 1800 110V	1x Metal constr screwdr ST 1800 110V assy, 1x Cover cap, 1x Case	1 pc	378554
ST 1800 230V	1x Metal constr screwdr ST 1800 230V assy, 1x Cover cap, 1x Case	1 pc	286048

Please visit Hilti website for the latest item numbers and related products

Accessories for Metal screwdrivers

Ordering designation		ST 1800-A22	ST 1800	Sales pack quantity	Item number
Battery pack B 22/5.2 Li-Ion		■		1 pc	2136396
Battery pack B 22/2.6 Li-Ion		■		1 pc	2110532
Battery charger C 4/36-350 110V box		■		1 pc	2028877
Battery charger C 4/36-350 230V box		■		1 pc	2028876
Battery charger C 4/36-90 110V box		■		1 pc	2015763
Battery charger C 4/36-90 230V box		■		1 pc	2015762
Socket wrench insert S-NSD 7		■	■	1 pc	2039243 ¹⁾
Socket wrench insert S-NSD 8		■	■	1 pc	2039244
Socket wrench insert S-NSD 10		■	■	1 pc	2039245
Socket wrench insert S-NSD 3/8"		■	■	1 pc	2039250 ¹⁾

Please visit Hilti website for the latest item numbers and related products

S-MD 03 S self-drilling screw, without washer

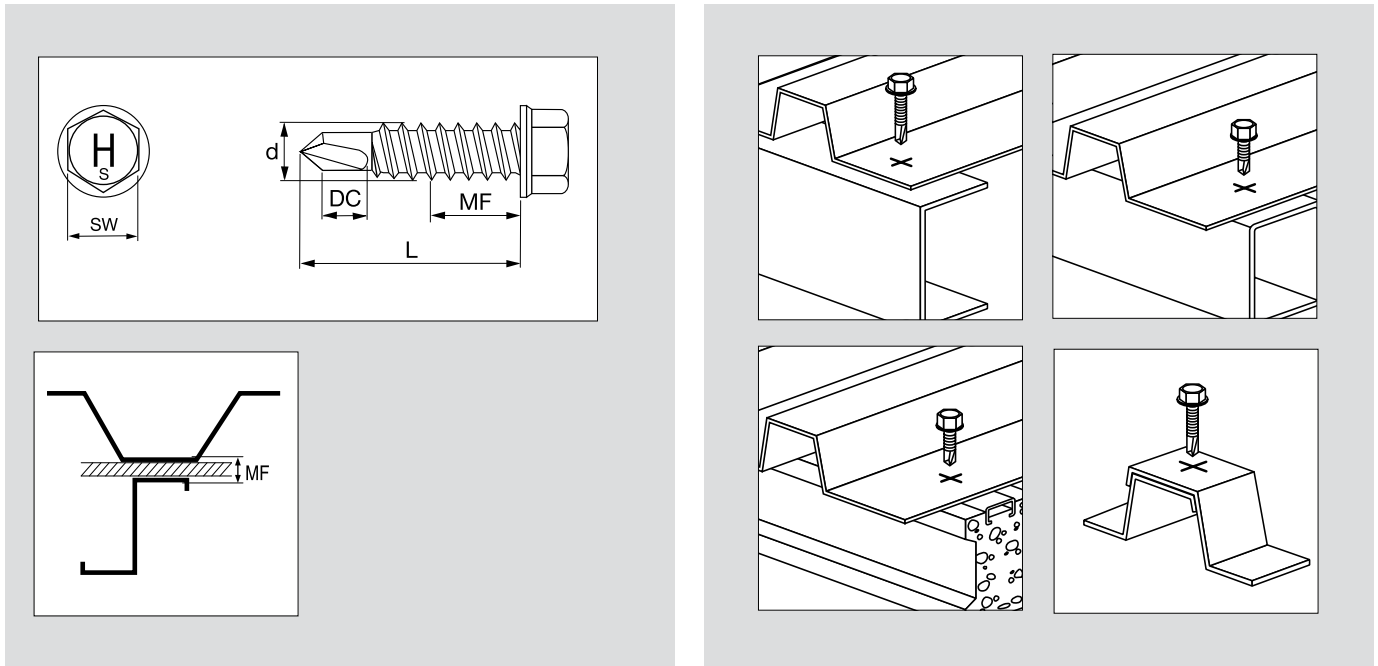


APPLICATIONS

- Fastening steel sections and sheet steel to steel framing

ADVANTAGES

- Fast and robust drill tip featuring Racing Tip technology



A2 stainless steel version, with hardened carbon steel drill point

Order Now



Ordering designation	Drilling capacity range (DC)	Thickness fastened range (MF)	Screw diameter (d)	Screw length (L)	Head size (SW)	Sales pack quantity	Item number
S-MD03S 5.5x25	2.1 - 6 mm	2.1 - 10 mm	5.5 mm	25 mm	8	500 pc	413408

Please visit Hilti website for the latest item numbers and related products

A4 stainless steel version, with hardened carbon steel drill point

Order Now



Ordering designation	Drilling capacity range (DC)	Thickness fastened range (MF)	Screw diameter (d)	Screw length (L)	Head size (SW)	Sales pack quantity	Item number
S-MD 03 SS 5.5x25	2.1 - 6 mm	2.1 - 10 mm	5.5 mm	25 mm	8	500 pc	2114790

Please visit Hilti website for the latest item numbers and related products

S-MD 43 S self-drilling screw, 14 mm washer

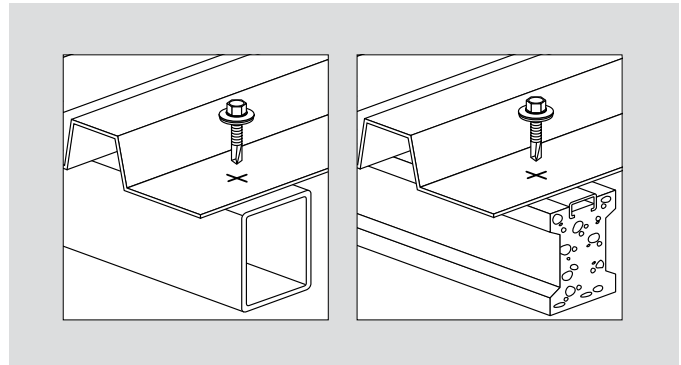
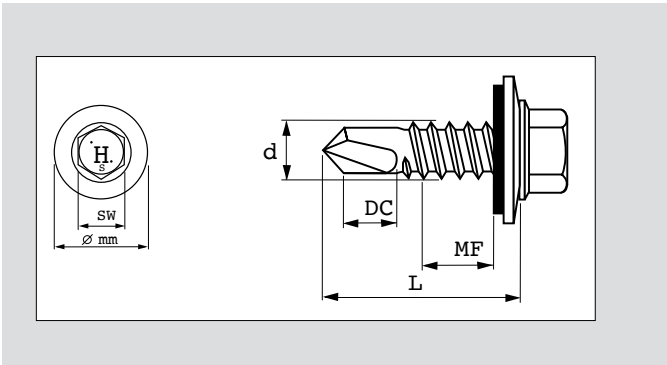


APPLICATIONS

- Fastening corrugated metal sheets to liner trays

ADVANTAGES

- Fast and robust drill tip featuring Racing Tip technology



A2 stainless steel version, with hardened carbon steel drill point with fitted EPDM sealing washer

Order Now



Ordering designation	Drilling capacity range (DC)	Thickness fastened range (MF)	Screw diameter (d)	Screw length (L)	Head size (SW)	Sales pack quantity	Item number
S-MD43S 5.5x25	2.1 - 6 mm	2.1 - 7 mm	5.5 mm	25 mm	8	500 pc	414297

Please visit Hilti website for the latest item numbers and related products

DIRECT FASTENING





Drywall Application

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General Purpose Powder-Actuated Tools, Cartridges & Nails



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Special Application

Powder-actuated tool DX 450 SCT	Page 233
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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.



Powder-actuated



Gas-actuated



Battery-actuated



7



M & E INSTALLATIONS

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



FASTENING ON STEEL

Direct fastening provides excellent solution to fastening to coated steel in corrosive environment



TRACK FASTENING

The GX 3 is the first choice for dry wall track fastening. It is cordless and works without a battery.

Gas-actuated fastening tool GX 3 **NEW**



APPLICATIONS

- Attaching drywall track to floors, walls and ceilings
- Attaching mesh, membranes or foil with special washer holders
- Attaching wood track to floors, walls and ceilings

ADVANTAGES

- Single power source (gas), no batteries required
- High fastening rate for high productivity and maximum efficiency
- Gas gauge helps avoid running out of gas unexpectedly Gas can lasts longer: up to 1,200 nails with a GC 42 gas can (900 nails with GC 41 and 1,000 nails with two GC 40)
- Curved, 40-nail magazine for better accessibility in narrow spaces and deep tracks
- Easy setting depth adjustment and nosepiece removal for clearing nail jams
- Wide range of nails for fastening to a wide variety of materials



Technical data	
Power (max.)	100 J
For use with	GC 42
Weight	3.99 kg
Automatic piston return	Yes
Emission noise-pressure level at the work station: LpA, 1s ¹⁾	99 dB (A)
Dimensions (LxWxH)	436 x 132 x 392 mm
Max. fastener driving rate	1200 / h
Temperature resistance - max.	45
Temperature resistance - min.	-10
Fastener intake	40 nails
Fastener length range	14 - 39 mm

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



Order Now



Ordering designation	Package contents	Sales pack quantity	Item number
GX 3	1x Gas-actuated tool GX 3_01, 1x Case	1 pc	2102195

Please visit Hilti website for the latest item numbers and related products

GX 3 gas can GC 42

APPLICATIONS

- Power source for the GX 3 fastening tool

ADVANTAGES

- High-pressure gas can for good low temperature performance down to -10°C



Technical data

For use with GX 3

Order Now



Ordering designation	Sales pack quantity	Item number
GC 42	1 pc	2105698

Please visit Hilti website for the latest item numbers and related products

Nail combo for use with gas-actuated tool GX 3

Package content: 1200 pins and 1 gas can GC 42



Technical data

For use with GX 3

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Ordering designation	Fastener shank length	Fastener shank diameter	Sales pack quantity	Item number
X-S 14 G3 MX Combo	14 mm	3 mm	1 pc	3569237
X-P 17 G3 MX Combo	17 mm	3 mm	1 pc	3569238
X-P 20 G3 MX Combo	20 mm	3 mm	1 pc	3569239
X-C 20 G3 MX Combo	20 mm	3 mm	1 pc	3569721
X-C 27 G3 MX Combo	27 mm	3 mm	1 pc	3569722
X-C 32 G3 MX Combo	32 mm	3 mm	1 pc	3569774
X-C 39 G3 MX Combo	39 mm	3 mm	1 pc	3569775

Please visit Hilti website for the latest item numbers and related products

GX 3 accessories

Ordering designation		Sales pack quantity	Item number
Washer R23-0.6 Eco		1000 pc	407950
Washer R36-0.6 Eco		1000 pc	407951
Fastener guide X-FG G3		1 pc	2102280
Fastener guide X-FG G3-ME		1 pc	2102281
Washer holder X-WH G3 magnetic		1 pc	2102283
Pole Tool X-PT 7ft for GX 3		1 pc	3579449
Receptacle X-PT G3		1 pc	2116237
Safety glasses PP EY-CA NCH clear		1 pc	2065449

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

Please visit Hilti website for the latest item numbers and related products

Customer Hotline: Hong Kong 8228 8118, Macau 00800 8228 8118 Email: hksales@hilti.com

GX 120 gas can GC 21



Technical data

For use with GX 120

Order Now



Ordering designation	Sales pack quantity	Item number
GC 21	1 pc	38865

Please visit Hilti website for the latest item numbers and related products

Nail combo for use with gas-actuated tool GX 120

Package content: 750 pins and 1 gas can GC 21



Technical data

For use with GX 120







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Ordering designation	Fastener shank length	Fastener shank diameter	Sales pack quantity	Item number
X-EGN 14 MX Combo	14 mm	3.0 mm	1 pc	3445241
X-GHP 18 MX Combo	18 mm	3.0 mm	1 pc	3445283
X-GHP 20 MX Combo	20 mm	3.0 mm	1 pc	3471501
X-GN 20 MX Combo	20 mm	2.6 mm	1 pc	3445284
X-GN 27 MX Combo	27 mm	2.6 mm	1 pc	3445393
X-GN 32 MX Combo	32 mm	2.6 mm	1 pc	3445396
X-GN 39 MX Combo	39 mm	2.6 mm	1 pc	3445397

Please visit Hilti website for the latest item numbers and related products

Accessories for GX 120

Ordering designation		Sales pack quantity	Item number
Washer R23-0.6 Eco		1000 pc	407950
Washer R36-0.6 Eco		1000 pc	407951
Fastener guide X-120-ME TN		1 pc	39536 ¹⁾
Fastener guide X-120 TN		1 pc	39535
Washer holder X-120 WH		1 pc	39619
Safety glasses PP EY-CA NCH clear		1 pc	2065449

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

Please visit Hilti website for the latest item numbers and related products

Battery-actuated fastening tool BX 3



APPLICATIONS

- Repetitive fastening of drywall track to filled block, concrete and steel
- Attaching drywall track to floors, walls and ceilings
- Fastening reveal strips to walls
- Fastening wall ties with washers – use of the special washer-holder is recommended

ADVANTAGES

- Hilti's first combustion-free direct fastening tool for driving nails into filled block, concrete and steel
- An addition to Hilti's 22V cordless tool platform
- Drives more than 600 fasteners with a single battery charge (B22 - 5.2A)
- Highly productive fastening rate of 1 nail per second
- Reliable, consistently high performance and high fastening quality on filled block, concrete and steel
- High user comfort thanks to low compression force, low noise and low recoil



Technical data

Power (max.)	85 J
Weight	3.33 kg
Base materials	All types of concrete and brick, Steel, Concrete, Masonry, Brick, Filled block
Noise (pressure) level at work station: LpA, 1s¹⁾	89 dB (A)
Dimensions (LxWxH)	473 x 134 x 280 mm
Max. fastener driving rate	500 / h
Fastener intake	20 nails
Fastener length range	14 - 36 mm

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







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Ordering designation	Package contents	Sales pack quantity	Item number
BX 3-IF A22	1x Battery-actuated tool BX 3-IF 01, 1x Case	1 pc	2123346

Please visit Hilti website for the latest item numbers and related products

Battery and charger info

Ordering designation		Sales pack quantity	Item number
Battery quick charger C 4/36-350 110V		1 pc	2028877
Battery quick charger C 4/36-350 230V		1 pc	2028876
Battery pack B 22/2.6 Li-Ion		1 pc	2110532
Battery pack B 22/5.2 Li-Ion		1 pc	2136396

Please visit Hilti website for the latest item numbers and related products

Nail for BX 3












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Ordering designation	Fastener shank length	Fastener shank diameter	Sales pack quantity	Item number
X-S 14 B3 MX	14 mm	3 mm	200 pc	2105402
X-P 17 B3 MX	17 mm	3 mm	200 pc	2105403
X-P 20 B3 MX	20 mm	3 mm	1000 pc	2156390
X-P 24 B3 MX	24 mm	3 mm	1000 pc	2156391
X-P 30 B3 P7	30 mm	3 mm	200 pc	2105406
X-P 36 B3 P7	36 mm	3 mm	200 pc	2105407
X-C 20 B3 MX	20 mm	3 mm	1000 pc	2123993
X-C 24 B3 MX	24 mm	3 mm	1000 pc	2123994

Please visit Hilti website for the latest item numbers and related products

Accessories for BX 3

Ordering designation		Sales pack quantity	Item number
Washer R23-0.6 Eco		1000 pc	407950
Washer R36-0.6 Eco		1000 pc	407951
Washer holder X-WH B3 packed		1 pc	2101256
Fastener guide X-FG B3-ME packed		1 pc	2101258
Fastener guide X-FG B3-IF packed		1 pc	2116415
Pole Tool X-PT 7ft for BX 3		1 pc	3579450
Receptacle X-PT B3		1 pc	2101255
Brace X-SL B3 packed		1 pc	2101257 ¹⁾
Safety glasses PP EY-CA NCH clear		1 pc	2065449

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

Please visit Hilti website for the latest item numbers and related products

Battery-actuated fastening tool BX 3-ME



APPLICATIONS

- Versatile fastening system for various electrical and mechanical applications
- Quick and convenient repetitive fastening on filled block, concrete and steel
- Fastening electrical equipment: conduits, cables, junction boxes, lighting fixtures, various electrical applications

ADVANTAGES

- Hilti's first combustion-free direct fastening tool for driving nails into filled block, concrete and steel
- Wide range of fasteners for quick, easy use on all suitable materials
- An addition to Hilti's 22V cordless tool platform
- Drives up to 600 fasteners with a single battery charge (B22 - 5.2 Ah)
- Reliable, consistent performance and high fastening quality on filled block, concrete and steel



Technical data

Power (max.)	85 J
Weight	3.33 kg
Base materials	All types of concrete and brick, Steel, Concrete, Masonry, Brick, Filled block
Noise (pressure) level at work station: LpA, 1s¹⁾	89 dB (A)
Dimensions (LxWxH)	473 x 134 x 280 mm
Max. fastener driving rate	500 / h
Fastener intake	20 nails
Fastener length range	14 - 36 mm

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







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Ordering designation	Package contents	Sales pack quantity	Item number
BX 3 with X-FG ME	1x Battery-actuated tool BX 3, 1x Fastener guide X-FG B3-ME packed, 1x case	1 pc	3552715

Please visit Hilti website for the latest item numbers and related products

Battery and charger info

Ordering designation		Sales pack quantity	Item number
Battery quick charger C 4/36-350 110V		1 pc	2028877
Battery quick charger C 4/36-350 230V		1 pc	2028876
Battery pack B 22/2.6 Li-Ion		1 pc	2110532
Battery pack B 22/5.2 Li-Ion		1 pc	2136396

Please visit Hilti website for the latest item numbers and related products

Fasteners for Electrical and Mechanical Applications

Cable tie holders X-ECT MX



Order Now



Ordering designation	Max wide	Sales pack quantity	Item number
X-ECT MX	9 mm	100 pc	285709 ¹⁾
X-ECT UV MX	9 mm	100 pc	285710 ¹⁾

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

Please visit Hilti website for the latest item numbers and related products

Cable clasps X-EKB MX



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Ordering designation	Cable capacity (8mm cable)	Sales pack quantity	Item number
X-EKB 4 MX	4	100 pc	285712 ¹⁾
X-EKB 8 MX	8	100 pc	285713 ¹⁾
X-EKB 16 MX	16	25 pc	285714 ¹⁾

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

Please visit Hilti website for the latest item numbers and related products

Bunched-Cable holders X-ECH MX



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Ordering designation	Cable capacity (8mm cable)	Sales pack quantity	Item number
X-ECH 15/B MX kit	15	100 pc	2018729 ¹⁾
X-ECH 30/B MX kit	30	50 pc	2018891 ¹⁾
Base X-ECH-B MX	-	50 pc	2018391 ¹⁾

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

Please visit Hilti website for the latest item numbers and related products

Cable trunking fastener X-ET MX



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Ordering designation	Sales pack quantity	Item number
X-ET MX	250 pc	285718

Please visit Hilti website for the latest item numbers and related products

Conduit clamps X-EKS MX



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Order designation	Cable conduit diameter	Sales pack quantity	Item number
X-EKS 16 MX	16 mm	100 pc	285719 ¹⁾
X-EKS 20 MX	20 mm	100 pc	285720
X-EKS 25 MX	25 mm	100 pc	285721
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.

Please visit Hilti website for the latest item numbers and related products

Snap-lock conduit clamps X-EKSC MX



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Order designation	Cable conduit diameter	Sales pack quantity	Item number
X-EKSC 20 MX	20 mm	100 pc	274086 ¹⁾
X-EKSC 25 MX	25 mm	100 pc	274087 ¹⁾

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

Please visit Hilti website for the latest item numbers and related products

Metal conduit clamps X-EMTSC MX



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Order 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 Hilti website for the latest item numbers and related products

Metal conduit clip X-FB MX



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Order designation	Cable conduit diameter	Sales pack quantity	Item number
X-FB 16 MX	16 mm	200 pc	286799 ¹⁾
X-FB 20 MX	20 mm	200 pc	286800
X-FB 25 MX	25 mm	200 pc	286802
X-FB 32 MX	32 mm	100 pc	286804 ¹⁾

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

Please visit Hilti website for the latest item numbers and related products

Butterfly metal conduit clip X-DFB MX



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Order designation	Cable conduit diameter	Sales pack quantity	Item number
X-DFB 20 MX	20 mm	100 pc	273384 ¹⁾
X-DFB 25 MX	25 mm	100 pc	273386 ¹⁾

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

Please visit Hilti website for the latest item numbers and related products

Threaded rod hanger X-EHS M MX



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Order designation	Sales pack quantity	Item number
X-EHS M8 MX	100 pc	273368 ¹⁾

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

Please visit Hilti website for the latest item numbers and related products

Ceiling clip X-ECC MX



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Order designation	Sales pack quantity	Item number
X-ECC MX	100 pc	228342

Please visit Hilti website for the latest item numbers and related products

Powder-actuated tool DX 460



APPLICATIONS

- Fastening wood to concrete, sand-lime block or steel
- Fastening sheet metal to concrete, sand-lime block or steel

ADVANTAGES

- Excellent power-to-weight ratio for fastening a wide variety of materials to concrete and steel
- Outstanding ergonomic design and reduced recoil
- Fully automatic
- Low noise level



Technical data	
Power (max.)	325 J
Weight	3.2 kg
Base materials	Concrete, Steel
Automatic piston return	Yes
Noise (pressure) level at work station: LpA, 1s ¹⁾	95 dB (A)
Dimensions (LxWxH)	463 x 72 x 180 mm
Max. fastener driving rate	700 / h
Cartridge type	6.8/11 M10
Fastener intake	Single
Fastener length range	12 - 72 mm

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



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Ordering designation	Package contents	Sales pack quantity	Item number
DX 460 F8	1x DX460-F8, 1x Piston X460P8, 1x Fastener guide X-460-F8 assy, 1x Cleaning kit DX 460, 1x Case, 1x Protective cap X-SGF	1 pc	3485775

Please visit Hilti website for the latest item numbers and related products

DX cartridge 6.8/11 M10

APPLICATIONS

- For use with DX 2, DX 460, DX 462, DX 351, DX 450, DX 36, DX A40, DX A41














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Ordering designation	Cartridge type	Cartridge power level	Sales pack quantity	Item number
6.8/11 M10 red	.27 calibre short	Heavy	200 pc	2126838
6.8/11 M10 yellow	.27 calibre short	Medium-light	200 pc	2126837
6.8/11 M10 green	.27 calibre short	Light	100 pc	50351

Please visit Hilti website for the latest item numbers and related products

Accessories for DX 460

Ordering designation		Sales pack quantity	Item number
Buffer X-460-B		1 pc	373330 ¹⁾
Fastener guide X-460-F10		1 pc	373319 ¹⁾
Fastener guide X-460-F8		1 pc	304529
Fastener guide X-460 F8GR		1 pc	386012 ¹⁾
Fastener guide X-460 F8N15		1 pc	304530 ¹⁾
Fastener guide X-460-F8S12		1 pc	373317 ¹⁾
Fastener guide X-460-F8SS		1 pc	373318 ¹⁾
Piston X-460-P10		1 pc	373300 ¹⁾
Piston X-460-P8		1 pc	373297
Piston X-460-P8W		1 pc	373298 ¹⁾
Piston X-460-PGR		1 pc	305448 ¹⁾
Protective cap X-SGF		1 pc	304416
Washer holder X-460-WH23/36 packed		1 pc	373331 ¹⁾
Pole Tool X-PT 7ft for DX 460		1 pc	3579593
Receptacle X-PT 460 assy		1 pc	371663
Cleaning kit DX-5-460		1 pc	372810

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

Please visit Hilti website for the latest item numbers and related products

Powder-actuated tool DX 351



APPLICATIONS

- Quick and convenient for fastening applications such as drywall track attachment, electrical, plumbing and HVAC installation work
- Installing threaded studs to concrete or steel
- Fastening suspended ceilings

ADVANTAGES

- Automatic piston return and cartridge advance
- Very user-friendly: light, low recoil, low noise
- Pole tool available for overhead applications



Technical data

Power (max.)	245 J
Weight	2.2 kg
Base materials	Concrete, Steel
Automatic piston return	Yes
Noise (pressure) level at work station: LpA, 1s¹⁾	99 dB (A)
Dimensions (LxWxH)	404 x 56 x 164 mm
Max. fastener driving rate	700 / h
Cartridge type	6.8/11 M10
Fastener intake	Single
Fastener length range	12 - 47 mm

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



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Ordering designation	Package contents	Sales pack quantity	Item number
DX 351 M+E	1x Powder-actuated tool DX 351 M+E, 1x Piston X-P8S-351, 1x Fastener guide X-FG8ME351 assy, 1x Cleaning kit DX 351, 1x Case	1 pc	373182

Please visit Hilti website for the latest item numbers and related products

DX cartridge 6.8/11 M10

APPLICATIONS

- For use with DX 2, DX 460, DX 462, DX 351, DX 450, DX 36, DX A40, DX A41









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Ordering designation	Cartridge type	Cartridge power level	Sales pack quantity	Item number
6.8/11 M10 red	.27 calibre short	Heavy	200 pc	2126838
6.8/11 M10 yellow	.27 calibre short	Medium-light	200 pc	2126837
6.8/11 M10 green	.27 calibre short	Light	100 pc	50351

Please visit Hilti website for the latest item numbers and related products

Accessories for DX 351

Ordering designation		Sales pack quantity	Item number
Fastener guide X-FG8ME351		1 pc	362174
Piston X-P8S-351 packed		1 pc	406929
Protective cap X-SGF		1 pc	304416
Pole Tool X-PT 7ft for DX 351		1 pc	3579452 ¹⁾
Receptable X-PT351		1 pc	333312
Cleaning kit DX 351		1 pc	2003832

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

Please visit Hilti website for the latest item numbers and related products

Powder-actuated tool DX 5 NEW



APPLICATIONS

- Fastening wood to concrete, sand-lime block or steel
- Fastening sheet metal to concrete, sand-lime block or steel
- Attaching drainage foils and membranes to concrete or CMU block
- Installing wall or brick ties
- Fastening various items such as cable conduits and cable ties to steel and concrete in electrical installation work

ADVANTAGES

- Easy to use and maintain
- Compact, sleek design allows access in narrow spaces
- Ergonomically designed grip and tool nose
- Maximum nail length 62 mm, or 72 mm for wood-to-concrete applications

Technical data

Power (max.)	325 J
Weight	3.37 kg
Base materials	Concrete, Steel
Automatic piston return	Yes
Noise (pressure) level at work station: LpA, 1s¹⁾	101 dB (A)
Dimensions (LxWxH)	478 x 72 x 180 mm
Max. fastener driving rate	450 / h
Cartridge type	6.8/11 M10
Fastener intake	Single
Fastener length range	12 - 72 mm

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



Ordering designation	Package contents	Sales pack quantity	Item number
DX 5 F8	1x Basic unit DX 5_01, 1x Fastener guide X-5-460-F8 assy, 1x Piston X-5-460-P8, 1x Cleaning kit X-5-460-Clean, 1x Case	1 pc	2142309

Please visit Hilti website for the latest item numbers and related products

DX cartridge 6.8/11 M10

APPLICATIONS

- For use with DX 2, DX 5, DX 460, DX 462, DX 351, DX 450, DX 36, DX A40, DX A41



















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Ordering designation	Cartridge type	Cartridge power level	Sales pack quantity	Item number
6.8/11 M10 red	.27 calibre short	Heavy	200 pc	2126838
6.8/11 M10 yellow	.27 calibre short	Medium-light	200 pc	2126837
6.8/11 M10 green	.27 calibre short	Light	100 pc	50351

Please visit Hilti website for the latest item numbers and related products

Accessories for DX 5

Ordering designation		Sales pack quantity	Item number
Buffer X-5-460-B		1 pc	373330 ¹⁾
Fastener guide X-5-460-F10		1 pc	373319 ¹⁾
Fastener guide X-5-460-F8		1 pc	304529
Fastener guide X-5-460 F8GR		1 pc	386012 ¹⁾
Fastener guide X-5-460 F8N15		1 pc	304530 ¹⁾
Fastener guide X-5-460-F8S12		1 pc	373317 ¹⁾
Fastener guide X-5-460-F8SS		1 pc	373318 ¹⁾
Piston X-5-460-P10		1 pc	373300 ¹⁾
Piston X-5-460-P8		1 pc	373297
Piston X-5-460-P8W		1 pc	373298 ¹⁾
Piston X-5-460-PGR		1 pc	305448 ¹⁾
Protective cap X-SGF		1 pc	304416
Washer holder X-5-460-WH23/36 packed		1 pc	373331 ¹⁾
Pole Tool X-PT 7ft for DX 5		1 pc	3579594
Receptacle X-PT 5 assy		1 pc	2150263
Cleaning kit DX-5-460		1 pc	372810

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

Please visit Hilti website for the latest item numbers and related products

Semi-automatic powder-actuated tool DX 2 **NEW**



APPLICATIONS

- Attaching drywall framing to concrete
- Fastening wood to concrete and steel
- Attaching kicker plates to concrete

ADVANTAGES

- Easy to use and maintain
- Compact, sleek design allows access in narrow spaces
- Ergonomically designed grip and tool nose
- Maximum nail length 62 mm, or 72 mm for wood-to-concrete applications



Technical data

Power (max.)	245 J
Weight	2.4 kg
Base materials	Concrete, Steel
Automatic piston return	No
Noise (pressure) level at work station: LpA, 1s¹⁾	104 dB (A)
Dimensions (LxWxH)	345 x 50 x 157 mm
Max. fastener driving rate	450 / h
Cartridge type	6.8/11 .27 calibre short, 6.8/11 M10
Fastener intake	Single
Fastener length range	14 - 62 mm

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



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Ordering designation	Package contents	Sales pack quantity	Item number
DX 2	1x Powder-actuated tool DX 2, 1x Round brush 5/8, 1x Round brush, 1x Spares pack DX 2 packed, 1x Case	1 pc	2084169

Please visit Hilti website for the latest item numbers and related products

DX cartridge 6.8/11 M10

APPLICATIONS

- For use with DX 2, DX 460, DX 462, DX 351, DX 450, DX 36, DX A40, DX A41












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Ordering designation	Cartridge type	Cartridge power level	Sales pack quantity	Item number
6.8/11 M10 red	.27 calibre short	Heavy	200 pc	2126838
6.8/11 M10 yellow	.27 calibre short	Medium-light	200 pc	2126837
6.8/11 M10 green	.27 calibre short	Light	100 pc	50351





Please visit Hilti website for the latest item numbers and related products

Accessories for DX 2

Ordering designation		Sales pack quantity	Item number
Piston DX 2 kit 1 x piston 2/DNI, 1 x spring clip DX 2		1 pc	2103082
Spares pack DX 2 packed 2x spring clip, 2x ball, 1x piston lock		1 pc	2094647
Fastener guide X-2-F8 packed		1 pc	2094644 ¹⁾
Baseplate X-2-S packed		1 pc	2094645 ¹⁾
Piston guide DX 2 packed		1 pc	2094646 ¹⁾
Stabilizer plate X-2-STAB packed		1 pc	2094648 ¹⁾
Pole Tool X-PT 7ft for DX 2		1 pc	3579451
Receptacle X-PT 2		1 pc	2094657
Cleaning kit DX 2 3x metal cleaning brush, 1x black cleaning cloth		1 pc	2097040

Please visit Hilti website for the latest item numbers and related products

Other Accessories for DX tools

Ordering designation		Sales pack quantity	Item number
Pipe X-PT 1ft		1 pc	254685
Pipe X-PT 3ft		1 pc	254684
Grip section X-PT assy		1 pc	254687
Tool bag X-PT CT		1 pc	388152
Spray 66ml		1 pc	308976
Safety glasses PP EY-CA NCH clear		1 pc	2065449

Please visit Hilti website for the latest item numbers and related products

Universal nail X-U

APPLICATIONS

- All fastenings on concrete (soft / medium / hard) or steel
- Setting up forming boards and safety barriers

ADVANTAGES

- One nail for almost any application
- Fully-knurled point for higher application limits on steel and suitability for use on hard concrete

Technical data	
Point type	Ballistic, Entirely knurled
For use with	DX 2, DX 351, DX 460

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Universal nail for concrete X-U P8



Ordering designation	Fastener shank length	Fastener shank diameter	Sales pack quantity	Item number
X-U 22 P8	22 mm	4 mm	100 pc	237332
X-U 27 P8	27 mm	4 mm	100 pc	237333
X-U 32 P8	32 mm	4 mm	100 pc	237334
X-U 37 P8	37 mm	4 mm	100 pc	237335
X-U 47 P8	47 mm	4 mm	100 pc	237337

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Universal nail for steel X-U P8



Ordering designation	Fastener shank length	Fastener shank diameter	Sales pack quantity	Item number
X-U 15 P8 TH	15 mm	4 mm	100 pc	237328 ¹⁾
X-U 16 P8	16 mm	4 mm	100 pc	237330

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

Please visit Hilti website for the latest item numbers and related products

Universal nail with steel washer X-U P8 S



Ordering designation	Shank length	Shank diameter	Washer diameter	Sales pack quantity	Item number
X-U 16 P8 S23	16 mm	4 mm	23 mm	500 pc	3450949
X-U 22 P8 S23	22 mm	4 mm	23 mm	500 pc	3450950
X-U 27 P8 S23	27 mm	4 mm	23 mm	500 pc	3444444

Please visit Hilti website for the latest item numbers and related products

High-performance single nail for use with powder-actuated tools on concrete X-P P8

APPLICATIONS

- Fastening on hard concrete
- Fastening wood to concrete
- Setting up formwork and safety barriers
- Installing suspended components, e.g. ceiling frames or pipes, on hard concrete
- Fastening installation channels on roof beams and ceilings
- Fastening flexible conduits, rigid conduits and cables to ceilings, walls and floors



Technical data	
Material coating/plating/finish	Zinc-plated, min. 5 microns
Material composition	Carbon steel HRC 59
Point type	Hammered
For use with	DX 2, DX 351, DX 460

ADVANTAGES

- Best driving success and holding rate on hard concrete, for higher productivity and cost savings
- Highest hardness (59 HRC) for best penetration in hard concrete
- Long conical nail tip designed for best drivability in hard concrete
- Highest load-bearing performance on hard concrete
- Optimised for use with Hilti tools - helps secure sufficient energy for driving deeply, e.g. up to 1 1/2" embedment
- Available in lengths up to 72 mm (2 13/16")

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Ordering designation	Fastener shank length	Sales pack quantity	Item number
X-P 22 P8	22 mm	100 pc	2150366
X-P 27 P8	27 mm	100 pc	2150367
X-P 34 P8	34 mm	100 pc	2150368
X-P 40 P8	40 mm	100 pc	2150369
X-P 47 P8	47 mm	100 pc	2173875
X-P 52 P8	52 mm	100 pc	2173876 ¹⁾
X-P 57 P8	57 mm	100 pc	2173877 ¹⁾
X-P 62 P8	62 mm	100 pc	2173878 ¹⁾
X-P 72 P8	72 mm	100 pc	2173879 ¹⁾

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

Please visit [Hilti website](http://www.hilti.com) for the latest item numbers and related products

Standard nail X-C

APPLICATIONS

- Drywall track to concrete
- Window frame metal sheet to concrete

ADVANTAGES

- Buckle-proof, high-strength hardened steel nail for demanding applications
- Rugged head resists pull-over forces and holds material down securely

Technical data	
Point type	Cut point
For use with	DX 2, DX 351, DX 460

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Standard nail for concrete X-C P8

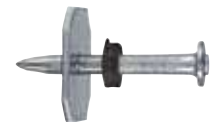


Ordering designation	Fastener shank length	Fastener shank diameter	Sales pack quantity	Item number
X-C 22 P8	22 mm	3.5 mm	100 pc	2091377
X-C 27 P8	27 mm	3.5 mm	100 pc	2091379
X-C 27 P8 BULK	27 mm	3.5 mm	1000 pc	2091380
X-C 32 P8	32 mm	3.5 mm	100 pc	2091381
X-C 37 P8	37 mm	3.5 mm	100 pc	2091383 ¹⁾
X-C 42 P8	42 mm	3.5 mm	100 pc	2091385
X-C 47 P8	47 mm	3.5 mm	100 pc	2091387

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

Please visit Hilti website for the latest item numbers and related products

Standard nail with steel washer X-C P8 S



Ordering designation	Fastener shank length	Fastener shank diameter	Washer diameter	Sales pack quantity	Item number
X-C 27 P8S23	27 mm	3.5 mm	23 mm	1000 pc	2091396
X-C 32 P8S23	32 mm	3.5 mm	23 mm	1000 pc	2091399
X-C 37 P8S23	37 mm	3.5 mm	23 mm	1000 pc	2091401 ¹⁾

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

Please visit Hilti website for the latest item numbers and related products

Ceiling hanger X-CC

APPLICATIONS

- Ceiling suspensions on concrete and steel



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Ordering designation	Shank length	Shank diameter	Base material	Sales pack quantity	Item number
X-CC U 16 P8	16 mm	4 mm	Steel	100 pc	386228 ¹⁾
X-CC U 22 P8	22 mm	4 mm	Hard Concrete	100 pc	386229 ¹⁾
X-CC U 27 P8	27 mm	4 mm	Concrete	100 pc	386230

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

Please visit Hilti website for the latest item numbers and related products

Ceiling hanger X-HS

APPLICATIONS

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



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Ordering designation	Shank length	Shank diameter	Base material	Sales pack quantity	Item number
X-HS M6 U19 P8 S15	19 mm	4 mm	Steel	100 pc	386213 ¹⁾
X-HS M8 U19 P8 S15	19 mm	4 mm	Steel	100 pc	386214 ¹⁾
X-HS M10 U19 P8 S15	19 mm	4 mm	Steel	100 pc	386215 ¹⁾
X-HS M6 U22 P8 S15	22 mm	4 mm	Hard concrete	100 pc	386218 ¹⁾
X-HS M8 U22 P8 S15	22 mm	4 mm	Hard concrete	100 pc	386219 ¹⁾
X-HS M10 U22 P8 S15	22 mm	4 mm	Hard concrete	100 pc	386220 ¹⁾
X-HS M6 U32 P8 S15	32 mm	4 mm	Concrete	100 pc	361788 ¹⁾
X-HS M8 U32 P8 S15	32 mm	4 mm	Concrete	100 pc	361789 ¹⁾
X-HS M10 U32 P8 S15	32 mm	4 mm	Concrete	100 pc	361790 ¹⁾

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

Please visit Hilti website for the latest item numbers and related products

Stainless steel nail X-CR

APPLICATIONS

- Fastening in outdoor applications, directly or indirectly exposed to the weather

ADVANTAGES

- Corrosion-resistant
- Suitable for universal use

Technical data

Material	Equivalent to A4(316) stainless steel
For use with	DX 2, DX 351, DX 460

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Stainless steel nail X-CR P8



Ordering designation	Fastener shank length	Fastener shank diameter	Sales pack quantity	Item number
X-CR 16 P8	16 mm	3.7 mm	100 pc	247356 ¹⁾
X-CR 21 P8	21 mm	3.7 mm	100 pc	247358
X-CR 24 P8	24 mm	3.7 mm	100 pc	247359 ¹⁾
X-CR 29 P8	29 mm	3.7 mm	100 pc	247360 ¹⁾
X-CR 34 P8	34 mm	3.7 mm	100 pc	247361 ¹⁾
X-CR 39 P8	39 mm	3.7 mm	100 pc	247362 ¹⁾
X-CR 44 P8	44 mm	3.7 mm	100 pc	247363 ¹⁾

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

Please visit Hilti website for the latest item numbers and related products

Stainless steel nail with washer X-CR P8 S



Ordering designation	Fastener shank length	Fastener shank diameter	Washer diameter	Sales pack quantity	Item number
X-CR 21 P8 S23	21 mm	3.7 mm	23 mm	500 pc	3457801

Please visit Hilti website for the latest item numbers and related products

Threaded stud (for steel, with 8 mm washer) X-ST-GR M8

APPLICATIONS

- Fastening grating and checker plate in corrosive environments such as onshore installations, petrochemical facilities, power plants, etc.

ADVANTAGES

- Corrosion-resistant fastener, ideal for direct fastening on steel



Technical data	
Material	Stainless Steel
Minimum thickness of base material (steel)	6 mm
Environmental conditions	Outdoor, mildly corrosive
Base materials	Steel

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Ordering designation	Sales pack quantity	Item number
X-ST-GR M8/5 P8	100 pc	2122209 ¹⁾
X-ST-GR M8/10 P8	100 pc	2122460 ¹⁾

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

Please visit Hilti website for the latest item numbers and related products

Related products on page

Consumables XX-XX

**Threaded screw stud (carbon steel) for multi-purpose fastenings on steel
S-BT MF**



APPLICATIONS

- Fastening cable ladders using channels or hold-down / expansion guide clips
- Fastening cable trays and cable runs using channels or conduit clips
- Fastening junction boxes, switchgear and instrumentation panels directly or using channels
- Fastening light fixtures, signage, etc.
- Suitable for use on steel with a thickness of 6 mm (1/4") and greater

ADVANTAGES

- The S-BT MF is easy to use and reliable – requires no electric supply cords or heavy equipment for installation
- Suitable for use in mildly corrosive environments (C3) on coated steel
- Easy installation in tight spaces
- No rework on coated steel
- No propellant required

Technical data	
Material composition	Carbon steel
Corrosion protection	Duplex coated
Environmental conditions	Outdoor, mildly corrosive
Max. tightening torque	8 Nm
Point type	Blunt tip
Base materials	Steel
Minimum thickness of base material (steel)	6 mm



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Ordering designation	Thickness fastened - max.	Sales pack quantity	Item number
S-BT-MF M8/7 AN 6	7 mm	100 pc	2139174 ¹⁾
S-BT-MF M8/15 AN 6	15 mm	100 pc	2148618 ¹⁾
S-BT-MF M10/15 AN 6	15 mm	100 pc	2140528 ¹⁾

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

Please visit Hilti website for the latest item numbers and related products

Threaded screw stud (stainless steel) for multipurpose fastenings S-BT MR

APPLICATIONS

- Fastening cable ladders using channels or hold-down / expansion guide clips
- Fastening cable trays and cable runs using channels or conduit clips
- Fastening junction boxes, switchgear and instrumentation panels directly or using channels
- Fastening lighting fixtures, signage
- Designed for use on steel with a thickness of 6 mm or greater

ADVANTAGES

- The S-BT-MR is easy to use and reliable – requires no electric supply cords or heavy equipment for installation
- Suitable for use in highly corrosive environments (C4 and C5) on coated steel
- Easy installation in tight spaces
- No rework on coated steel
- High corrosion resistance and thus suitable for most marine, offshore, petrochemical and power plant applications

Technical data	
Material composition	Stainless steel
Corrosion protection	Stainless steel, equivalent to SS316
Environmental conditions	Marine, offshore, petrochemical, power plants, etc.
Max. tightening torque	8 Nm
Point type	Blunt tip
Base materials	Steel
Minimum thickness of base material (steel)	7 mm



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Ordering designation	Thickness fastened - max.	Sales pack quantity	Item number
S-BT-MR M8/7 SN 6	7 mm	100 pc	2139172 ¹⁾
S-BT-MR M8/15 SN 6	15 mm	100 pc	2148612 ¹⁾
S-BT-MR M10/15 SN 6	15 mm	100 pc	2140740 ¹⁾

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

Please visit [Hilti website](#) for the latest item numbers and related products

Setting equipment for S-BT

Ordering designation		Sales pack quantity	Item number
Cordless drill SF BT 22-A		1 pc	2123719 ¹⁾
Stepped drill bit TS-BT 5.5-74 S		1 pc	2143137 ¹⁾
Depth gauge S-DG BT M8/7 Short 6		1 pc	2143260 ¹⁾
Depth gauge S-DG BT M8/15 Long 6		1 pc	2148575 ¹⁾
Depth gauge S-DG BT M10-W10/15 Long 6		1 pc	2143261 ¹⁾

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

Please visit [Hilti website](#) for the latest item numbers and related products

Fastening grating / checker plate



APPLICATIONS

- Fastening gratings and industrial flooring on metal profiles (thickness at least 6 mm)
- Suitable for industrial buildings and power plants, shipbuilding, food-processing industry, chemicals and oil industry, steel and metal construction trades, public buildings

ADVANTAGES

- Quick and easy to install: Up to 120 fastenings per hour
- Trouble-free, one-man operation
- Versatile and mobile: No external power source required
- Secure: Verified holding power, highly ductile nails
- Also available in stainless steel

Grating disc X-FCM



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7

Ordering designation	Base materials	Diameter	Environmental conditions	Fastener shank length	Grating height	Sales pack quantity	Item number
X-FCM 25/30	Steel	50 mm	Indoors, dry and non-corrosive environment	23 mm	25 - 30 mm	100 pc	26582 ¹⁾
X-FCM 35/40	Steel	50 mm	Indoors, dry and non-corrosive environment	33 mm	35 - 40 mm	100 pc	26583 ¹⁾
X-FCM 45/50	Steel	50 mm	Indoors, dry and non-corrosive environment	43 mm	45 - 50 mm	100 pc	26584 ¹⁾

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

Please visit Hilti website for the latest item numbers and related products

Grating disc (stainless steel) X-FCM-R

APPLICATIONS

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

ADVANTAGES

- Stainless steel discs



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Ordering designation	Base materials	Diameter	Environmental conditions	Grating height	Sales pack quantity	Item number
X-FCM-R 25/30	Steel	50 mm	Marine, offshore, petrochemical, power plants, etc.	25 - 30 mm	100 pc	247181 ¹⁾
X-FCM-R 35/40	Steel	50 mm	Marine, offshore, petrochemical, power plants, etc.	35 - 40 mm	100 pc	247182 ¹⁾
X-FCM-R 45/50	Steel	50 mm	Marine, offshore, petrochemical, power plants, etc.	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 Hilti website for the latest item numbers and related products

Checker plate fastener HDG X-FCP-F

APPLICATIONS

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



ADVANTAGES

- Duplex coated discs

Order Now



Ordering designation	Base materials	Diameter	Environmental conditions	Grating height	Sales pack quantity	Item number
X-FCP-F 5/10	Steel	45 mm	Indoors or mildly corrosive environment	5 - 13 mm	200 pc	308859 ¹⁾

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

Please visit Hilti website for the latest item numbers and related products

Checker plate fastener (stainless steel) X-FCP-R

APPLICATIONS

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



ADVANTAGES

- Stainless steel discs for high corrosion resistance

Order Now



Ordering designation	Base materials	Diameter	Environmental conditions	Grating height	Sales pack quantity	Item number
X-FCP-R 5/10	Steel	45 mm	Marine, offshore, petrochemical, power plants, etc.	5 - 13 mm	200 pc	308860 ¹⁾

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

Please visit Hilti website for the latest item numbers and related products

Sealing ring X-FCP



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Ordering designation	Diameter	Sales pack quantity	Item number
X-FCP	39 mm	200 pc	308856 ¹⁾

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

Please visit Hilti website for the latest item numbers and related products

Powder-actuated tool DX 450 SCT



APPLICATIONS

- Quick measurement of the early strength of sprayed concrete

ADVANTAGES

- Highly reliable due to use of a standard procedure in accordance with EN 14488-2
- Well proven - has been in use worldwide for decades
- Complete system available, including test gauge



Technical data

Power (max.)	382 J
Weight	3.2 kg
Base materials	Concrete, Steel
Automatic piston return	No
Noise (pressure) level at work station: LpA, 1s¹⁾	105 dB (A)
Dimensions (LxWxH)	350 x 44 x 175 mm
Cartridge type	6.8/11 M10
Fastener intake	Single
Fastener length range	12 - 117 mm

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



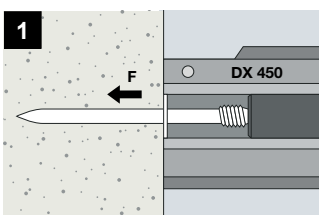
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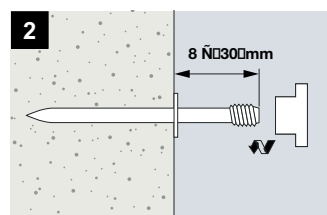
Ordering designation	Package contents	Sales pack quantity	Item number
DX 450 SCT	1x Powder-actuated tool DX 450 SCT assy, 1x Spares pack, 1x Cleaning kit DX 450, 1x Case	1 pc	233871

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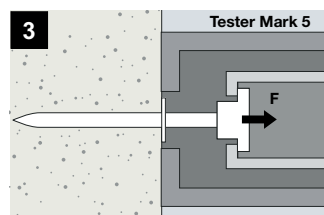
Application Procedures



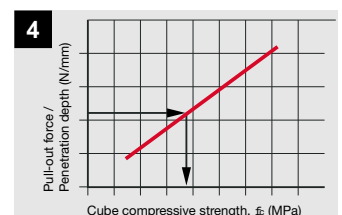
Using a Hilti DX 450-SCT tool, ten threaded studs are driven into the young concrete with a precisely defined driving force.



The threaded stud's depth of penetration-directly influenced by the strength of the concrete-can be accurately measured.



The Hilti Tester Mark 5 allows accurate measurement of the force required to pull threaded studs out of the concrete.



The calibration curve provides an accurate reading of early concrete strength.

DX cartridge 6.8/11 M10

APPLICATIONS

- For use with DX 2, DX 460, DX 462, DX 351, DX 450, DX 36, DX A40, DX A41



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Ordering designation	Cartridge type	Cartridge power level	Sales pack quantity	Item number
6.8/11 M10 red	.27 calibre short	Heavy	200 pc	2126838
6.8/11 M10 yellow	.27 calibre short	Medium-light	200 pc	2126837
6.8/11 M10 green	.27 calibre short	Light	100 pc	50351

Please visit Hilti website for the latest item numbers and related products

Accessories for DX 450 SCT

Ordering designation		Sales pack quantity	Item number
45/SL1 base plate assembly		1 pc	00000732 ¹⁾
45/FL1 fastener guide		1 pc	00000730 ¹⁾
L140 piston guide		1 pc	00000787 ¹⁾
45/M6-8L piston		1 pc	88058 ¹⁾
X-M6-8-52D12 threaded stud (100 pcs/box)		1 pc	306050
X-M6-8-72D12 threaded stud (100 pcs/box)			306051
X-M6-8-95D12 threaded stud (100 pcs/box)			306052 ¹⁾
Tester Mark 5 Comprising Hilti Tester Mark 5, 0-5 kN force gauge, M6 adapter set and operating instructions, packed in an impact-resistant plastic Hilti toolbox		1 pc	236442 ¹⁾
Tester Mark 5 body only		1 pc	285523 ¹⁾
0-5 kN force gauge		1 pc	285525 ¹⁾
0-10 kN force gauge			285526 ¹⁾
0-15 kN force gauge			285527 ¹⁾
0-20 kN force gauge			285528 ¹⁾
0-25 kN force gauge			285529 ¹⁾
0-30 kN force gauge			274311 ¹⁾
6/M6 adapter set	X6	1 pc	285562 ¹⁾

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

Please visit Hilti website for the latest item numbers and related products

ANCHORING SYSTEMS





Adhesive Anchors

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Anchor Rods

Anchor rod HAS-E	Page 251
Internally threaded sleeve HIS-N	Page 254
Anchor rod HIT-V	Page 255
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Anchor rod Hilti HIT-Z	Page 258
Threaded meter rod	Page 259
Flat washer	Page 259
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Heavy-duty Anchors

Undercut anchor HDA-T	Page 267
Undercut anchor HDA-P	Page 269
Filling set	Page 273
Heavy-duty expansion anchor HSL-3	Page 276



Medium-duty Anchors

Safety anchor HSC-A	Page 280
Safety anchor HSC-I	Page 282
Stud anchor HST3	Page 285
Standard stud anchor HSA	Page 289
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Light-duty Anchors

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Self-drilling drywall anchor HSP	Page 313
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Hoist Anchor Points

Hoist anchor point HAP 1.15 Page 320



Stone undercut anchor

Stone undercut anchor HSU-R Page 322



Cast-in Anchor

Anchor channel HAC	Page 323
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T-head bolt HBC (A4 stainless steel)	Page 329
Cast-in-socket HCS	Page 330

SIMPLY PROVEN AND APPROVED

Hilti Solutions for fastening in cracked concrete.

Hilti Anchors are developed and tested for use in cracked concrete. Additional tests under cyclic loads on anchors located in cracks are performed.

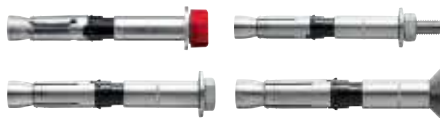


HILTI HIT-HY 200-R INJECTABLE MORTAR



- Suitable for use with all anchor rods and rebar
- No hole cleaning required with the revolutionary HIT-Z anchor rod.
- Fast curing

HILTI HSL-3 HEAVY DUTY EXPANSION ANCHOR



- The most common heavy duty anchor
- Fast and easy through-set installation
- HSL-3-B torque cap ensures proper installation with no need for a torque wrench
- Now available in stainless steel

HILTI HST3 STUD ANCHOR



- Universal stud with ideal tension and shear load capacities
- Optimized expansion-sleeve design ensure automatic follow-up expansion in cracked concrete
- Wide concrete application range from C15/20 to C90/95

HILTI HIT-RE 500 V3 INJECTABLE MORTAR



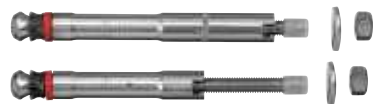
- Bond strengths that outperform in seismic and cracked concrete conditions
- Heavy-duty adhesive anchoring systems with long working (gel) time for deep rebar installations
- The fastest curing epoxy mortar in the market

HILTI HUS3-H SCREW ANCHOR



- Ideal for temporary fixings
- Fast and easy installation (50% time saving compared to stud anchor)
- Completely removable

HILTI HDA SELF-UNDERCUT ANCHOR



- High standard heavy duty self-undercut anchor
- Comprehensive approvals e.g. fatigue, shock, seismic, etc.
- Completely removable

HILTI HSC SAFETY ANCHOR



- Internally/Externally threaded anchor
- Small edge distance, spacing and embedment depth



Approved for use in cracked & non-cracked concrete according to ETAG001 option1.

Working principle	Load Indication		Base material								Material				
			Concrete	Cracked concrete	Hard natural stone	Hollow concrete	AAC block	Solid brick	Cavity brick	Drywall panel	Galvanized steel	Sherardized or Hot dip galvanized steel	A2 stainless steel	A4 Stainless steel	HCR stainless steel
Chemical anchor	kg	Hilti HIT-HY 200-R with HIS-N, HIT-V, HIT-Z, rebar	■	■	■						■	■		■	■
		Hilti HIT-RE 500 V3 with HIT-V, HIS-N, rebar	■	■	■						■	■		■	■
		Hilti HIT-RE 500 with HAS, HIT-V, HIS-N, rebar	■		■						■	■		■	■
		Hilti HVU HVU with HAS, HIS-N	■		■						■	■		■	■
	kg	Hilti HIT-HY 70 with HIT-V, HIS-N				■	■	■	■	■	■			■	
		Hilti HDA	■	■							■	■		■	
Metal anchor	kg	Hilti HSL	■	■							■			■	
		Hilti HSC	■	■							■			■	
		Hilti HST3	■	■							■			■	
		Hilti HSA	■								■	■	■	■	
		Hilti HUS	■	■			■	■			■			■	
		Hilti HKD	■								■	■		■	
		Hilti HKV	■								■		■		
		Hilti HLC	■					■			■				
		Hilti HT	■					■			■				
		Hilti HDD-S								■	■				
		Hilti HA 8	■								■				
	Plastic anchor	kg	Hilti HSP								■	■			
kg		Hilti HRD-C	■			■	■	■	■	■	■			■	
		Hilti HUD-1 / HUD-L	■			■	■	■	■	■					
		Hilti HPS-1	■			■	■	■	■	■	■		■		
kg		Hilti HTB-2				■			■	■	■				
	Hilti HLD									■					

*Please contact your Hilti representative to access these local test reports.

Type			Product approval	Page	Remark	
Bolt head	External thread	Internal thread		Local test*		
	■	■		✓	246	
■	■	■		✓	245	European Technical Approval (ETA)
■	■	■		✓	247	
■	■	■		✓	250	ICC-ES Report
■	■	■			248	
	■			✓	267	Contributed to LEED
■	■			✓	276	
■	■	■		✓	280	Low VOC content
	■			✓	285	
	■			✓	289	Approvals for use in contact with drinking water
■				✓	293	
■		■		✓	298	Factory Mutual (FM)
■		■			303	Deutsches Institut für Bautechnik DIBt (German Institute of Building Technology)
■	■			✓	305	
■					309	Certified by VdS (German Association of insurers) of use in the installation sprinkler system
■					310	
					314	Shock approval
■		■			313	
■					317	Seismic test
■				✓	315	Fatigue test
■					318	
■		■			312	Nuclear power plant approval
■		■			320	

HILTI SAFE-SET TECHNOLOGY

A small step for engineers.
And a giant leap forward for your next design.

Now you can design anchor rod and post-installed rebar connections with more confidence. Inadequately cleaning holes during installation can reduce the performance of conventional chemical anchor systems significantly. Hilti **SAFE-SET** Technology eliminates this factor almost entirely – in both cracked or uncracked concrete and with anchor rods or post-installed rebar.

APPLICATIONS

- Post-installed rebar connections for concrete slab, column or wall extensions
- Heavy-duty anchoring in cracked or uncracked concrete, e.g. for steel beams, column

WHAT IS SAFE-SET

Hilti **SAFE-SET** Technology eliminates the most load-affecting and time-consuming step in the installation process: cleaning the hole before injection of the adhesive. As a consequence, engineers can now have peace of mind because the specified application will perform on the jobsite as it has been designed in the plan.



HIT-RE 500 V3





HIT-HY 200-R



HIT-RE 500

SAFE-SET Application Ranges

		Thread rod size	M8	M10	M12	M16	M20	M24	M27	M30
		Drill hole dia.	(10mm)	(12mm)	(14mm)	(18mm)	(22mm)	(28mm)	(30mm)	(35mm)
Anchoring 	HIT-HY 200-R, standard drill bit and HIT-Z Rod (zero cleaning)	SAFE-SET								
	HIT-HY 200-R, HIT-RE 500, HIT-RE 500 V3, Hollow Drill Bits and HAS-E Rod or HIT-V Rod (auto-cleaning)	SAFE-SET								
Rebar 	HIT-HY 200-R, HIT-RE 500, HIT-RE 500 V3, Hollow Drill Bits and rebar (auto-cleaning)	SAFE-SET								
		Rebar size	Y8	Y10	Y12	Y16	Y20	Y25	Y32	
		Drill hole dia.	(12mm)	(14mm)	(16mm)	(20mm)	(25mm)	(32mm)	(40mm)	

INTRODUCING HILTI SAFESET TECHNOLOGY

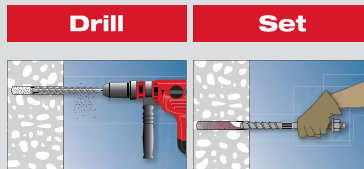
Once in a blue moon, something comes along with the power to accelerate the way you work.

SAFESET

SAFEset is a registered trade mark of HILTI.

1 ZERO CLEANING SOLUTION. HIT-Z anchor rods + HIT-HY 200-R

The new Hilti HIT-Z anchor rod works as a torque-controlled bonded anchor. Because of their unique shape, HIT-Z anchor rods, used in hammer-drilled holes in dry or water-saturated concrete above 5°C, are not affected by uncleaned holes. The benefits are clear: fewer steps and more productivity in anchoring applications.



Hilti **SAFESET** Technology
Up to 60% faster!



Anchor diameter range	M8 to M20
Material	Carbon or stainless steel (A4)
Embedment depth	Up to 12 times rod diameter
Concrete compressive strengths	C20/25 to C50/60
Installation temperature range	5°C to 40°C



2 AUTO-CLEANING SOLUTION. Hollow drill bits + HIT-HY 200-R / HIT-RE 500 / HIT-RE 500 V3

Hilti TE-CD and TE-YD hollow drill bits, in conjunction with HIT-HY 200-R, HIT-RE 500 or HIT-RE 500 V3, make subsequent hole cleaning completely unnecessary. Dust is removed by the Hilti vacuum system while drilling is in progress for faster drilling and a virtually dustless working environment.



Hilti **SAFESET** Technology
Up to 60% faster!

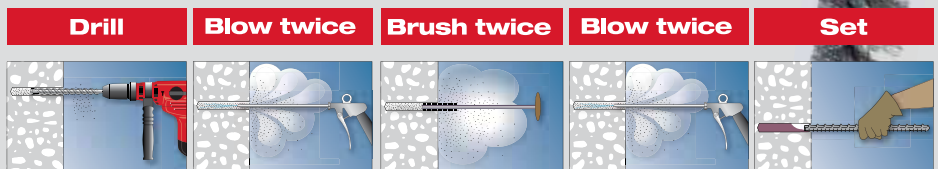


Rebar diameter range	Y8 to Y25
Threaded rod diameters	M10 to M30
Embedment depth	Up to 1000 mm
Concrete compressive strengths	C20/25 to C50/60
Installation temperature range	-10°C to 40°C



3 CONVENTIONAL SOLUTION. Brush and blow

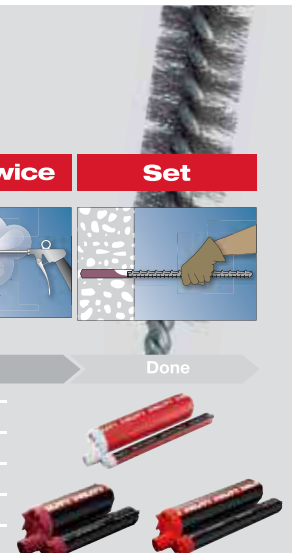
Another option is to continue using the traditional hole cleaning method with any Hilti HIT system for superior performance.



*Cleaning Sequence when using manual dust pump are : blow twice , brush twice , blow twice.



Rebar diameter range	Y8 to Y40
Threaded rod diameters	M8 to M39
Embedment depth	Up to 20 times element diameter
Concrete compressive strengths	C20/25 to C50/60
Installation temperature range	-10°C to 40°C



SUMMARY TABLE FOR CHEMICAL ANCHORS

		HIT-HY 200-R	HIT-RE 500 V3	HIT-RE 500	HIT-HY 70	HVU	Page
HIT-Z		■					258
HIT-V		■	■	■	■		255
HAS-E				■		■	251
HIS-N		■	■	■	■	■	254
Setting tool HIS-S						■	266
Mixer HIT-RE-M		■	■	■	■		266
Profi accessories for HIT		■	■	■	■		264
HIT-SC					■		257
CR Cartridge holder		■					249
CB Cartridge holder			■	■	■		249
HDM/HDE Dispenser		■	■	■	■		249
TE-CD/YD Hollow drill bit		■	■	■			117
VC 20/40 Vacuum cleaner		■	■	■			160
Setting tool TE-C-E/ TE-Y-E						■	265
Blow-out pump		■	■	■	■	■	262
Steel brush		■	■	■	■	■	263

Injectable mortar HIT-RE 500 V3 **NEW**



BASE MATERIALS

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

APPLICATIONS

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

ADVANTAGES

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



Approvals

ETA	ETA 16/0142 HIT-RE 500 V3 injection mortar rebar_en
	ETA 16/0143 HIT-RE 500 V3 injection mortar 04/2016_en

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

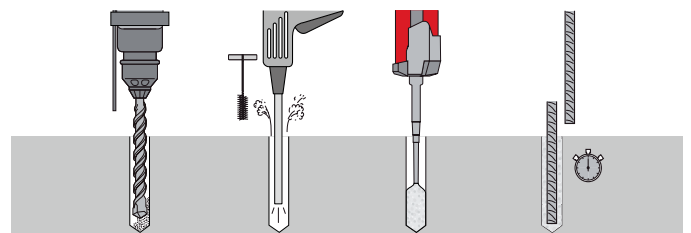
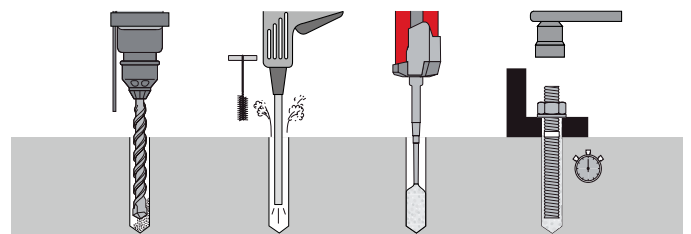
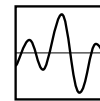
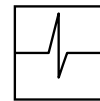
Technical data

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

Curing time

Temperature in the base material T [°C]	Maximum working time t _{work} [h]	Minimum curing time t _{cure} [h]
-5 to -1	2	168
0 to 4	2	48
5 to 9	2	24
10 to 14	1.5	16
15 to 19	1	16
20 to 24	0.5	7
25 to 29	20 min	6
30 to 34	15 min	5
35 to 39	12 min	4.5
40	10 min	4

¹⁾The curing time data are valid for dry base material only. In wet base material the curing times must be doubled.



These are abbreviated instructions which may vary according to the application.

Ordering designation	Content per can/cartridge	Package contents	Sales pack quantity	Item number
HIT-RE 500 V3/500/1	500 ml	1x Foil pack, 1x Mixer, 1x Mixer extension	1 pc	2123406¹⁾

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

Please visit Hilti website for the latest item numbers and related products

Injectable mortar HIT-HY 200-R



BASE MATERIALS

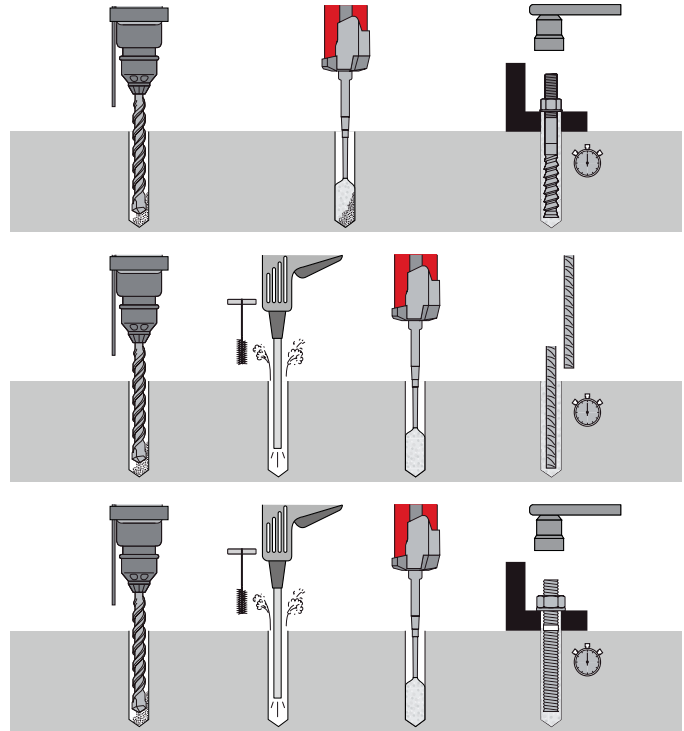
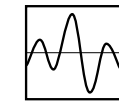
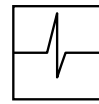
- Concrete (cracked)
- Concrete (uncracked)

APPLICATIONS

- Anchoring secondary steel structures (e.g. racking, guard rails, sound barriers)
- 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

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
- Fulfills the requirements of the most demanding ICC-ES and ETA C2 approvals for seismic applications
- Post-installed rebars perform like cast-in connections



These are abbreviated instructions which may vary according to the application.

Technical data

Material composition	Hybrid urethane methacrylate adhesive
Base material condition	Dry, wet
Tested/approved for diamond drilling	Yes (for HIT-Z), No (for HIT-V & Rebar)
Seismic	Yes
Compatible cartridge holder	CR (Red)
Additional product information	Always wear eye protection and gloves while handling

Curing time

Temperature in the base material T [°C]	Maximum working time t _{work} [min]	Minimum curing time t _{ure} [h]
5	60	4
6 to 10	40	2.5
11 to 20	15	1.5
21 to 30	9	1
31 to 40	6	1

¹⁾The curing time data are valid for dry base material only. In wet base material the curing times must be doubled.

Technical data

Recommended load (kN), non-cracked concrete at 25N/mm², safety factor (γ) =3

Model	Size	M8	M10	M12	M16	M20
HIT-HY 200 R + HIT-Z	Tensile Load, N _{rec}	8.0	12.7	18.1	29.4	40.7
	Shear Load, V _{rec}	4.0	6.3	9.0	16.0	24.3

Recommended load (kN), cracked concrete at 25N/mm², safety factor (γ) =3

Model	Size	M8	M10	M12	M16	M20
HIT-HY 200 R + HIT-Z	Tensile Load, N _{rec}	7.0	10.2	13.8	20.9	29.0
	Shear Load, V _{rec}	4.0	6.3	9.0	16.0	24.3

Remarks:

1) All the data applies to no edge distance, spacing and other influences 2) For detail design method please refer to Fastening Technology Manual *) HY 200 with the use of HIT-Z/HIT-Z-R has shock approved

Ordering designation	Package contents	Sales pack quantity	Item number
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 Hilti website for the latest item numbers and related products

Hilti online: www.hilti.com.hk

Order Now Watch Video



Injectable mortar Hilti 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.)
- Anchoring structural steel connections (e.g. steel columns, beams, etc.)
- Anchoring crash barriers, noise barriers, etc.
- Suitable for underwater applications in hammer-drilled holes

ADVANTAGES

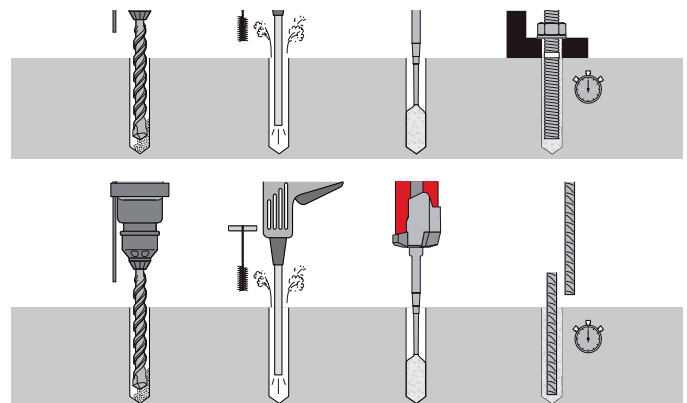
- European Technical Approval covering automatic cleaning of holes drilled using TE-CD or TE-YD drill bits and Hilti vacuum cleaners
- Especially suitable for large-diameter elements and/or deep embedment depths
- Virtually odourless, hence pleasant to work with



Approvals

ETA	ETA 04/0027 for HIT-RE 500 injection mortar for anchoring applications (ETAG 001-05, Option 7)
	ETA 08/0105 for HIT-RE 500 injection mortar for rebar (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 according to the application.

Technical data

Material composition	Epoxy Adhesive
Base material condition	Dry, submerged, water-filled, wet
Tested/approved for diamond drilling	Yes
Seismic	No
Compatible cartridge holder	CB (Black)
Additional product information	Always wear eye protection and gloves while handling

Curing time

Temperature in the base material T [°C]	Maximum working time t _{work} [min]	Minimum curing time t _{cure} [h]
5 to 9	120	72
10 to 14	90	48
15 to 19	30	24
20 to 29	20	12
30 to 39	12	8
40	12	4

Technical data

Recommended load (kN), non-cracked concrete at 25N/mm², safety factor (γ) =3

Model	Size	M8	M10	M12	M16	M20	M24	M27	M30	M33	M36	M39
HIT-RE 500 + HAS-E / -EF	Tensile Load, N _{rec}	5.7	8.7	12.7	23.5	37.3	51.2	62.6	74.7	87.5	100.9	115
	Shear Load, V _{rec}	2.8	4.3	6.3	12.0	16.7	26.7	70.3	70.3	86.2	101.2	121.7
HIT-RE 500 + HAS-ER / -HCR	Tensile Load, N _{rec}	7.7	12.3	17.7	23.5	37.3	51.2	62.6	74.7	87.5	100.9	115.0
	Shear Load, V _{rec}	4.0	6.3	9.0	17.0	26.3	37.3	36.0	44.0	53.9	63.2	75.4

Remarks:

1) All the data applies to no edge distance, spacing and other influences 2) For detail design method please refer to Fastening Technology Manual 3) HAS-HCR anchor rod are only up to M24 only

Ordering designation	Package contents	Sales pack quantity	Item number
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

Please visit Hilti website for the latest item numbers and related products

Order Now



Injectable mortar HIT-HY 70



BASE MATERIALS

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

- 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
- For use in indoor and outdoor applications in dry or wet drilled holes
- Provides strong, reliable and easy-to-install fastenings in a variety of masonry materials

Technical data

Material composition	Hybrid urethane methacrylate adhesive
Seismic	No
Compatible cartridge holder	CB (Black)

Curing time

Temperature in the base material T [°C]	Maximum working time t _{work} [h]	Minimum curing time t _{cure} [h]
-5 to -1	10	6
0 to 4	10	4
5 to 9	10	2.5
10 to 19	7	1.5
20 to 29	4	0.5
30 to 39	2	20 min
40	1	15 min

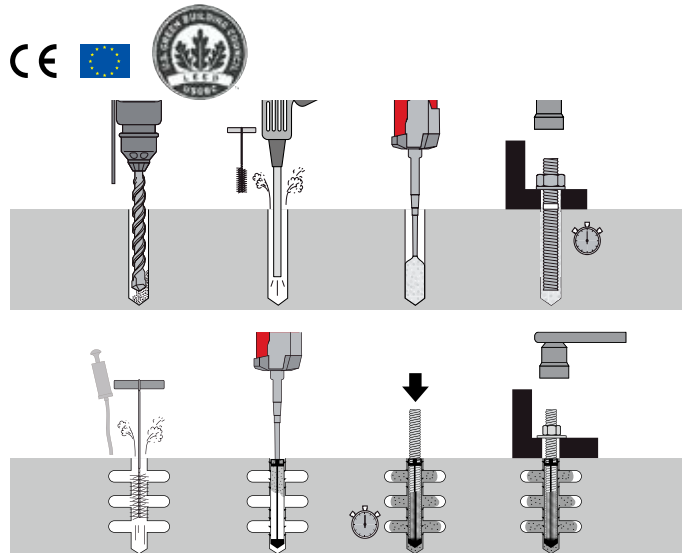
¹⁾ The curing time data are valid for dry base material only. In wet base material the curing times must be doubled.



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 according to the application.

Order Now



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 Hilti 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
- An addition to Hilti's 22V cordless tool platform
- Serial fastenings and/or injection in deep holes

ADVANTAGES

- Dose adjustment knob for accurate and controlled dispensing
- Fast, easy foil pack loading
- The HDE 500-A22 can dispense up to 130 Hilti HIT adhesive cartridges (500 ml) on a single battery charge with a B22 3.3Ah battery or 60 cartridges with a compact 1.6Ah battery

Technical data

Power source type	Compact B22/2.6 or B22/5.2 battery pack
Dispenser type	Battery
Performance (at 20°C)	55 sec (RE500 500 ml)
3.3 Ah Battery capacity	100 cartridges (500 ml)
Dimension (L x W x H)	436 mm x 120 mm x 221 mm
Modes available	Off / continuous / measured volume dispensing with settings 1 to 15
Dispensing volume per trigger pull	6 ml



reddot design award winner 2013

Order Now



Ordering designation	Content per can/cartridge	Weight	Sales pack quantity	Item number
HDE 500-A22 CR/CB cas	1x Dispenser HDE 500-A22, 1x Cartridge holder CB (for RE 500, RE 500v3, HY 70), 1x Cartridge holder CR (for HY 200R), 1x Case	2.2 kg	1 pc	2005637
Battery pack B 22/2.6 Li-Ion	-	-	1 pc	2110532
Battery pack B 22/5.2 Li-Ion	-	-	1 pc	2136396
Battery standard charger C 4/36-90 230V	-	-	1 pc	2015762

Please visit Hilti website for the latest item numbers and related products

HDM manual dispenser HDM



CB Cartridge holder (For HY 200)



CB Cartridge holder (For RE 500 v3, RE 500, HY 70)



Hilti Case



APPLICATIONS

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

ADVANTAGES

- Fast, easy foil pack loading

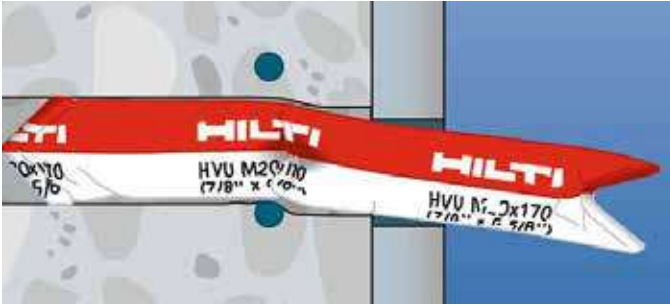
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Ordering designation	Package contents	Sales pack quantity	Item number
HDM500 Dispenser CB Kit Set (Advanced)	1x Manual dispenser HDM, 1x Cartridge holder CB, 1x Pump, 3x steel brush, 1x brush handle, 1x Hilti case	1 pc	3553451
HDM500 Dispenser CR Kit Set (Advanced)	1x Manual dispenser HDM, 1x Cartridge holder CR, 1x Pump, 3x steel brush, 1x brush handle, 1x Hilti case	1 pc	3553452
HDM500 Dispenser CB Kit Set (Basic)	1x Manual dispenser HDM, 1x Cartridge holder CB, 1x Hilti case	1 pc	3553453
HDM500 Dispenser CR Kit Set (Basic)	1x Manual dispenser HDM, 1x Cartridge holder CR, 1x Hilti case	1 pc	3553454
Cartridge holder HIT-CB 500	1x Cartridge holder CB	1 pc	2007057
Cartridge holder HIT-CR 500	1x Cartridge holder CR	1 pc	2007059

Please visit Hilti website for the latest item numbers and related products

Foil capsule adhesive anchor HVU



BASE MATERIALS

- Concrete (uncracked)

APPLICATIONS

- Anchoring structural steel connections (e.g. steel columns, beams, etc.)
- Anchoring in road and tunnel applications (crash and noise barriers, overhead catenary systems)

ADVANTAGES

- Flexible foil capsule instead of glass: A robust solution for real jobsite conditions
- Anchors installed overhead don't drop out
- Pre-portioned foil capsule, no waste
- Styrene-free, virtually odourless



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.



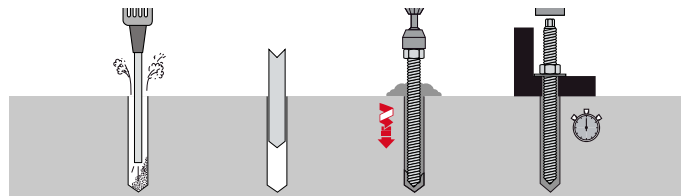
Technical data

Material composition	Hybrid urethane methacrylate adhesive
Tested/approved for diamond drilling	No

Curing time¹⁾

Base material temperature [°C]	Curing time t _{cure} [h]
-5 to -1	5
0 to 9	1
10 to 19	0.5
20 to 40	20 min

¹⁾ The curing time data are valid for dry base material only. In wet base material the curing times must be doubled.



These are abbreviated instructions which may vary according to the application.

Technical data

Recommended load (kN), non-cracked concrete at 25N/mm², safety factor (γ) = 3

Model	Size	M8	M10	M12	M16	M20	M24	M27	M30
HVU+HAS-E	Tensile Load, Nrec	5.7	8.7	12.7	20.0	37.3	46.7	62.6	74.7
	Shear Load, Vrec	2.8	4.3	6.3	12.0	18.7	26.7	58.0	70.3

Remarks:

1) All the data applies to no edge distance, spacing and other influences 2) For detail design method please refer to Fastening Technology Manual

Order Now



Ordering designation	Drill bit diameter	Standard embedment depth	Sales pack quantity	Item number
HVU M8x80	10 mm	80 mm	10 pc	256691
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⁾
HVU M39x360	42 mm	360 mm	2 pc	256701 ¹⁾

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

Please visit Hilti website for the latest item numbers and related products

Anchor rod HAS-E (Galvanized, grade 5.8)



Approvals

ETA	ETA 04/0027 for HIT-RE 500 injection mortar for anchoring applications (ETAG 001-05, Option 7)
	ETA 05/0255 for HVU adhesive capsules (ETAG 001-05, Option 7)

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

Technical data

Head configuration	Externally threaded
Material composition	Steel, 5.8 grade, zinc-plated (min. 5 µm)
Material, corrosion	Steel, zinc-plated



Order Now



Ordering designation	Anchor size	Drill bit diameter	Drilling depth	Max. fixture thickness at standard embedment depth	Base plate clearance hole	Sales pack quantity	Item number
HAS-E-5.8 M8x80/14	M8	10 mm	80 mm	14 mm	10 mm	20 pc	332219
HAS-E-5.8 M8x80/54	M8	10 mm	80 mm	54 mm	10 mm	10 pc	333099 ¹⁾
HAS-E-5.8 M10x90/21	M10	12 mm	90 mm	21 mm	12 mm	20 pc	332220
HAS-E-5.8 M10x90/61	M10	12 mm	90 mm	61 mm	12 mm	10 pc	333100 ¹⁾
HAS-E-5.8 M10x90/81	M10	12 mm	90 mm	81 mm	12 mm	10 pc	333101 ¹⁾
HAS-E-5.8 M12x110/28	M12	14 mm	110 mm	28 mm	14 mm	20 pc	332221
HAS-E-5.8 M12x110/88	M12	14 mm	110 mm	88 mm	14 mm	10 pc	333102 ¹⁾
HAS-E-5.8 M12x110/12	M12	14 mm	110 mm	128 mm	14 mm	10 pc	333103 ¹⁾
HAS-E-5.8 M16x125/38	M16	18 mm	125 mm	38 mm	18 mm	20 pc	332222
HAS-E-5.8 M16x125/18	M16	18 mm	125 mm	108 mm	18 mm	10 pc	333106 ¹⁾
HAS-E-5.8 M20x170/48	M20	24 mm	170 mm	48 mm	22 mm	10 pc	332223
HAS-E-5.8 M20x170/68	M20	24 mm	170 mm	68 mm	22 mm	10 pc	333110 ¹⁾
HAS-E-5.8 M20x170/18	M20	24 mm	170 mm	108 mm	22 mm	10 pc	333111 ¹⁾
HAS-E-5.8 M20x170/18	M20	24 mm	170 mm	158 mm	22 mm	10 pc	333112 ¹⁾
HAS-E-5.8 M20x170/208	M20	24 mm	170 mm	208 mm	22 mm	10 pc	333113 ¹⁾
HAS-E-5.8 M24x210/54	M24	28 mm	210 mm	54 mm	26 mm	10 pc	332224

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

Please visit Hilti website for the latest item numbers and related products



Anchor rod HAS-E-F (Hot-dip galvanized, grade 5.8)



Approvals

ETA	ETA 04/0027 for HIT-RE 500 injection mortar for anchoring applications (ETAG 001-05, Option 7)
	ETA 05/0255 for HVU adhesive capsules (ETAG 001-05, Option 7)

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



Technical data

Head configuration	Externally threaded
Material composition	Steel, 5.8 grade, hot-dip galvanized (min. 43 µm)
Material, corrosion	Steel, sherardized / hot-dip galvanized

Order Now



Ordering designation	Anchor size	Drill bit diameter	Drilling depth	Max. fixture thickness at standard embedment depth	Base plate clearance hole	Sales pack quantity	Item number
HAS-E-F-5.8 M10x90/61	M10	12 mm	90 mm	61 mm	12 mm	10 pc	333146 ¹⁾
HAS-E-F-5.8 M12x110/28	M12	14 mm	110 mm	28 mm	14 mm	20 pc	333148 ¹⁾
HAS-E-F-5.8 M12x110/88	M12	14 mm	110 mm	88 mm	14 mm	10 pc	333149 ¹⁾
HAS-E-F-5.8 M16x125/20	M16	18 mm	125 mm	20 mm	18 mm	10 pc	333152 ¹⁾
HAS-E-F-5.8 M16x125/38	M16	18 mm	125 mm	38 mm	18 mm	20 pc	333153 ¹⁾
HAS-E-F-5.8 M16x125/348	M16	18 mm	125 mm	348 mm	18 mm	10 pc	333157 ¹⁾
HAS-E-F-5.8 M20x170/48	M20	24 mm	170 mm	48 mm	22 mm	10 pc	333158 ¹⁾
HAS-E-F-5.8 M20x170/108	M20	24 mm	170 mm	108 mm	22 mm	10 pc	333160 ¹⁾
HAS-E-F-5.8 M24x210/54	M24	28 mm	170 mm	54 mm	22 mm	10 pc	333163 ¹⁾

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

Please visit Hilti website for the latest item numbers and related products

Anchor rod HAS-E-R (A4 stainless steel)



Approvals

ETA	ETA 04/0027 for HIT-RE 500 injection mortar for anchoring applications (ETAG 001-05, Option 7)
	ETA 05/0255 for HVU adhesive capsules (ETAG 001-05, Option 7)

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



Technical data

Head configuration	Externally threaded
Material composition	Steel, A4 (SS316)
Material, corrosion	Steel, stainless

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Ordering designation	Anchor size	Drill bit diameter	Drilling depth	Max. fixture thickness at standard embedment depth	Base plate clearance hole	Sales pack quantity	Item number
HAS-E-R M8x80/14	M8	10 mm	80 mm	14 mm	9 mm	20 pc	333119
HAS-E-R M8x80/114	M8	10 mm	80 mm	114 mm	9 mm	10 pc	333121 ¹⁾
HAS-E-R M10x90/21	M10	12 mm	90 mm	21 mm	12 mm	20 pc	333122
HAS-E-R M10x90/61	M10	12 mm	90 mm	61 mm	12 mm	10 pc	333123 ¹⁾
HAS-E-R M12x110/28	M12	14 mm	110 mm	28 mm	14 mm	20 pc	333126
HAS-E-R M12x110/88	M12	14 mm	110 mm	88 mm	14 mm	10 pc	333127 ¹⁾
HAS-E-R M12x110/128	M12	14 mm	110 mm	128 mm	14 mm	10 pc	333128 ¹⁾
HAS-E-R M12x110/168	M12	14 mm	110 mm	168 mm	14 mm	10 pc	333129 ¹⁾

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

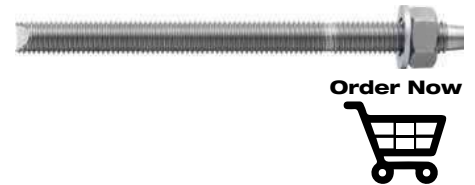
Please visit Hilti website for the latest item numbers and related products

Ordering designation	Anchor size	Drill bit diameter	Drilling depth	Max. fixture thickness at standard embedment depth	Base plate clearance hole	Sales pack quantity	Item number
HAS-E-R M16x125/38	M16	18 mm	125 mm	38 mm	18 mm	20 pc	333131
HAS-E-R M16x125/108	M16	18 mm	125 mm	108 mm	18 mm	10 pc	333132 ¹⁾
HAS-E-R M20x170/48	M20	24 mm	170 mm	48 mm	22 mm	10 pc	333135
HAS-E-R M20x170/108	M20	24 mm	170 mm	108 mm	22 mm	10 pc	333136 ¹⁾
HAS-E-R M24x210/54	M24	28 mm	210 mm	54 mm	26 mm	10 pc	333137 ¹⁾
HAS-E-R M27x240/60	M27	30 mm	240 mm	60 mm	30 mm	4 pc	333138 ¹⁾
HAS-E-R M30x270/70	M30	35 mm	270 mm	70 mm	33 mm	4 pc	333139 ¹⁾
HAS-E-R M33x300/80	M33	37 mm	300 mm	80 mm	36 mm	4 pc	333140 ¹⁾
HAS-E-R M36x330/90	M36	40 mm	330 mm	90 mm	39 mm	2 pc	333141 ¹⁾
HAS-E-R M39x360/100	M39	42 mm	360 mm	100 mm	42 mm	2 pc	333142 ¹⁾

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

Please visit Hilti website for the latest item numbers and related products

Anchor rod HAS-E-HCR (High corrosion resistance)



Order Now



Approvals

ETA
ETA 04/0027 for HIT-RE 500 injection mortar for anchoring applications (ETAG 001-05, Option 7)

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

Technical data

Head configuration	Externally threaded
Material composition	Steel, high corrosion resistant (HCR)
Material, corrosion	Steel, high corrosion resistant (HCR)



Ordering designation	Anchor size	Drill bit diameter	Drilling depth	Max. fixture thickness at standard embedment depth	Base plate clearance hole	Sales pack quantity	Item number
HAS-E-HCR M10X90/21	M10	12 mm	90 mm	21 mm	12 mm	10 pc	229505 ¹⁾
HAS-E-HCR M12X110/28	M12	14 mm	110 mm	28 mm	14 mm	10 pc	229506 ¹⁾
HAS-E-HCR M16X125/38	M16	18 mm	125 mm	38 mm	18 mm	5 pc	229507 ¹⁾
HAS-E-HCR M20X170/48	M20	22 mm	170 mm	48 mm	22 mm	5 pc	229508 ¹⁾

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

Please visit Hilti website for the latest item numbers and related products

Internally threaded sleeve HIS-N (Galvanized, grade 5.8)



Approvals	
ETA	ETA 04/0027 for HIT-RE 500 injection mortar for anchoring applications (ETAG 001-05, Option 7)
	ETA 04/0027 for HIT-RE 500 V3 injection mortar for anchoring applications (ETAG 001-05, Option 7)
ETA, seismic	ETA 12/0084 for HIT-HY 200-R injection mortar and standard element for anchoring applications (ETAG 001-05, Option 1)

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



Technical data	
Head configuration	Inner thread
Material composition	Steel, 5.8 grade, zinc-plated (min. 5 µm)
Material, corrosion	Steel, zinc-plated
Anchor type	Internally threaded

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Ordering designation	Anchor size	Drill bit diameter	Drilling depth	Base plate clearance hole	Sales pack quantity	Item number
HIS-N M8x90	M8	14 mm	90 mm	9 mm	10 pc	258015 ¹⁾
HIS-N M10x110	M10	18 mm	110 mm	12 mm	10 pc	258016 ¹⁾
HIS-N M12x125	M12	22 mm	125 mm	14 mm	5 pc	258017 ¹⁾
HIS-N M16x170	M16	28 mm	170 mm	18 mm	5 pc	258018 ¹⁾
HIS-N M20x205	M20	32 mm	205 mm	22 mm	5 pc	258019 ¹⁾

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

Please visit Hilti website for the latest item numbers and related products

Internally threaded sleeve HIS-RN (A4 stainless steel)



Approvals	
ETA	ETA 04/0027 for HIT-RE 500 injection mortar for anchoring applications (ETAG 001-05, Option 7)
	ETA 04/0027 for HIT-RE 500 V3 injection mortar for anchoring applications (ETAG 001-05, Option 7)
ETA, seismic	ETA 12/0084 for HIT-HY 200-R injection mortar and standard element for anchoring applications (ETAG 001-05, Option 1)

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



Technical data	
Head configuration	Inner thread
Material composition	Steel, A4 (SS316)
Material, corrosion	Steel, stainless
Anchor type	Internally threaded

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Ordering designation	Anchor size	Drill bit diameter	Drilling depth	Base plate clearance hole	Sales pack quantity	Item number
HIS-RN M8x90 A4	M8	14 mm	90 mm	9 mm	10 pc	258024 ¹⁾
HIS-RN M10x110 A4	M10	18 mm	110 mm	12 mm	10 pc	258025
HIS-RN M12x125 A4	M12	22 mm	125 mm	14 mm	5 pc	258026
HIS-RN M16x170 A4	M16	28 mm	170 mm	18 mm	5 pc	258027 ¹⁾
HIS-RN M20x205 A4	M20	32 mm	205 mm	22 mm	5 pc	258028 ¹⁾

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

Please visit Hilti website for the latest item numbers and related products

Anchor rod HIT-V-5.8 (Galvanized, grade 5.8)

Approvals	
ETA	ETA 04/0027 for HIT-RE 500 injection mortar for anchoring applications (ETAG 001-05, Option 7)
	ETA 04/0027 for HIT-RE 500 V3 injection mortar for anchoring applications (ETAG 001-05, Option 7)
ETA, seismic	ETA 12/0084 for HIT-HY 200-R injection mortar and standard element for anchoring applications (ETAG 001-05, Option 1)

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



Technical data	
Head configuration	Externally threaded
Material composition	Steel, 5.8 grade, zinc-plated (min. 5 µm)
Material, corrosion	Steel, zinc-plated

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Ordering designation	Anchor size	Anchor length	Drill bit diameter	Base plate clearance hole	Sales pack quantity	Item number
HIT-V-5.8 M6x75	M6	75 mm	8 mm	7 mm	20 pc	387144 ¹⁾
HIT-V-5.8 M6x105	M6	105 mm	8 mm	7 mm	20 pc	387145 ¹⁾
HIT-V-5.8 M8x80	M8	80 mm	10 mm	9 mm	20 pc	387054 ¹⁾
HIT-V-5.8 M8x110	M8	110 mm	10 mm	9 mm	20 pc	387055
HIT-V-5.8 M10x95	M10	95 mm	12 mm	12 mm	10 pc	387057 ¹⁾
HIT-V-5.8 M10x130	M10	130 mm	12 mm	12 mm	10 pc	387058
HIT-V-5.8 M10x115	M10	115 mm	12 mm	12 mm	10 pc	387146 ¹⁾
HIT-V-5.8 M12x110	M12	110 mm	14 mm	14 mm	10 pc	387060 ¹⁾
HIT-V-5.8 M12x150	M12	150 mm	14 mm	14 mm	10 pc	387061
HIT-V-5.8 M12x120	M12	120 mm	14 mm	14 mm	10 pc	387147 ¹⁾
HIT-V-5.8 M16x150	M16	150 mm	18 mm	18 mm	5 pc	387064 ¹⁾
HIT-V-5.8 M16x200	M16	200 mm	18 mm	18 mm	5 pc	387065 ¹⁾
HIT-V-5.8 M16x300	M16	300 mm	18 mm	18 mm	5 pc	387066
HIT-V-5.8 M20x180	M20	180 mm	22 mm	22 mm	5 pc	387068 ¹⁾
HIT-V-5.8 M20x260	M20	260 mm	22 mm	22 mm	5 pc	387069
HIT-V-5.8 M20x380	M20	380 mm	22 mm	22 mm	10 pc	387070 ¹⁾

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

Please visit Hilti website for the latest item numbers and related products

Anchor rod HIT-V-8.8 (Galvanized, grade 8.8)



Approvals

ETA	ETA 04/0027 for HIT-RE 500 injection mortar for anchoring applications (ETAG 001-05, Option 7)
	ETA 04/0027 for HIT-RE 500 V3 injection mortar for anchoring applications (ETAG 001-05, Option 7)
ETA, seismic	ETA 12/0084 for HIT-HY 200-R injection mortar and standard element for anchoring applications (ETAG 001-05, Option 1)

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



Technical data

Head configuration	Externally threaded
Material composition	Steel, 8.8 grade, zinc-plated (min. 5 µm)
Material, corrosion	Steel, zinc-plated

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Ordering designation	Anchor size	Drill bit diameter	Base plate clearance hole	Sales pack quantity	Item number
HIT-V-8.8 M10x190	M10	12 mm	12 mm	10 pc	387059
HIT-V-8.8 M12x220	M12	14 mm	14 mm	10 pc	387062
HIT-V-8.8 M12x280	M12	14 mm	14 mm	10 pc	387063
HIT-V-8.8 M16x380	M16	18 mm	18 mm	5 pc	387067

Please visit Hilti website for the latest item numbers and related products

Anchor rod HIT-V-R (A4 stainless steel)



Approvals

ETA	ETA 04/0027 for HIT-RE 500 injection mortar for anchoring applications (ETAG 001-05, Option 7)
	ETA 04/0027 for HIT-RE 500 V3 injection mortar for anchoring applications (ETAG 001-05, Option 7)
ETA, seismic	ETA 12/0084 for HIT-HY 200-R injection mortar and standard element for anchoring applications (ETAG 001-05, Option 1)

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



Technical data

Head configuration	Externally threaded
Material composition	Steel, A4 (SS316)
Material, corrosion	Steel, stainless

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Ordering designation	Anchor size	Drill bit diameter	Base plate clearance hole	Sales pack quantity	Item number
HIT-V-R M8x80	M8	10 mm	9 mm	20 pc	387074 ¹⁾
HIT-V-R M8x110	M8	10 mm	9 mm	20 pc	387075
HIT-V-R M8x150	M8	10 mm	9 mm	20 pc	387076
HIT-V-R M10x115	M10	12 mm	12 mm	10 pc	387148 ¹⁾
HIT-V-R M10x95	M10	12 mm	12 mm	10 pc	387077
HIT-V-R M10x130	M10	12 mm	12 mm	10 pc	387078
HIT-V-R M10x190	M10	12 mm	12 mm	10 pc	387079
HIT-V-R M12x120	M12	14 mm	14 mm	10 pc	387149 ¹⁾
HIT-V-R M12x110	M12	14 mm	14 mm	10 pc	387080 ¹⁾
HIT-V-R M12x150	M12	14 mm	14 mm	10 pc	387081
HIT-V-R M12x220	M12	14 mm	14 mm	10 pc	387082
HIT-V-R M12x280	M12	14 mm	14 mm	10 pc	387083
HIT-V-R M16x150	M16	18 mm	18 mm	5 pc	387084 ¹⁾
HIT-V-R M16x200	M16	18 mm	18 mm	5 pc	387085
HIT-V-R M16x300	M16	18 mm	18 mm	5 pc	387086 ¹⁾
HIT-V-R M16x380	M16	18 mm	18 mm	5 pc	387087
HIT-V-R M20x260	M20	22 mm	22 mm	5 pc	387088
HIT-V-R M20x180	M20	22 mm	22 mm	5 pc	387150 ¹⁾

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

Please visit Hilti website for the latest item numbers and related products

Ordering designation	Anchor size	Drill bit diameter	Base plate clearance hole	Sales pack quantity	Item number
HIT-V-R M20x380	M20	22 mm	22 mm	10 pc	387089 ¹⁾
HIT-V-R M20x480	M20	22 mm	22 mm	10 pc	387151
HIT-V-R M24x300	M24	28 mm	26 mm	5 pc	387152
HIT-V-R M24x450	M24	28 mm	26 mm	5 pc	387153 ¹⁾

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

Please visit Hilti website for the latest item numbers and related products

Composite mesh sleeve HIT-SC (for the use with HIT-HY 70)

BASE MATERIALS

- Concrete (hollow deck)
- Drywall
- Masonry (hollow)
- Masonry (hollow CMU)
- Masonry (multiple-wythe brick/ unreinforced masonry)



Technical data

Material composition	Plastic
Anchor type	Mesh sleeve
Installation direction	All

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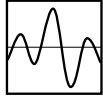
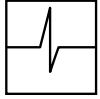


Ordering designation	Sleeve size	Anchor size use with	Drill bit diameter	Drilling depth	Sales pack quantity	Item number
HIT-SC 12x50	12	M6	12 mm	60 mm	20 pc	375979 ¹⁾
HIT-SC 16x50	16	M8/M10	16 mm	60 mm	20 pc	375981
HIT-SC 16x85	16	M8/M10	16 mm	95 mm	20 pc	375982
HIT-SC 18x50	18	M12	18 mm	60 mm	20 pc	360485 ¹⁾
HIT-SC 18x85	18	M12	18 mm	95 mm	20 pc	360486 ¹⁾
HIT-SC 22x85	22	M12	22 mm	95 mm	10 pc	284511 ¹⁾

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

Please visit Hilti website for the latest item numbers and related products

Anchor rod HIT-Z (Galvanized)



SAFESET



Approvals

ETA, seismic	ETA 12/0006 for HIT-HY 200-A injection mortar and HIT-Z(R) rod for anchoring applications (ETAG 001-05, Option 1)
	ETA 12/0006 for HIT-HY 200-R injection mortar and HIT-Z(R) rod for anchoring applications (ETAG 001-05, Option 1)

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

Technical data

Head configuration	Externally threaded
Material composition	Steel, zinc-plated (min. 5 µm)
Material, corrosion	Steel, zinc-plated
Anchor type	Off-the-shelf rods
Approvals / test reports	ETA
Tested/approved for diamond drilling	Yes



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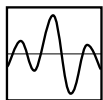


Ordering designation	Anchor size	Drill bit diameter	Max. fixture thickness at standard embedment depth	Base plate clearance hole	Required tightening torque	Sales pack quantity	Item number
HIT-Z M8x80	M8	10 mm	8 mm	9 mm	10 Nm	40 pc	2018364 ¹⁾
HIT-Z M8x100	M8	10 mm	28 mm	9 mm	10 Nm	40 pc	2018365
HIT-Z M8x120	M8	10 mm	48 mm	9 mm	10 Nm	40 pc	2018366 ¹⁾
HIT-Z M10x95	M10	12 mm	22 mm	12 mm	25 Nm	40 pc	2018367 ¹⁾
HIT-Z M10x115	M10	12 mm	42 mm	12 mm	25 Nm	40 pc	2018368
HIT-Z M10x135	M10	12 mm	62 mm	12 mm	25 Nm	40 pc	2018369
HIT-Z M10x160	M10	12 mm	87 mm	12 mm	25 Nm	40 pc	2018410 ¹⁾
HIT-Z M12x105	M12	14 mm	29 mm	14 mm	40 Nm	20 pc	2018411 ¹⁾
HIT-Z M12x140	M12	14 mm	64 mm	14 mm	40 Nm	20 pc	2018412 ¹⁾
HIT-Z M12x155	M12	14 mm	79 mm	14 mm	40 Nm	20 pc	2018413
HIT-Z M12x196	M12	14 mm	120 mm	14 mm	40 Nm	20 pc	2018415 ¹⁾
HIT-Z M16x155	M16	18 mm	38 mm	18 mm	80 Nm	12 pc	2018416 ¹⁾
HIT-Z M16x175	M16	18 mm	58 mm	18 mm	80 Nm	12 pc	2018417 ¹⁾
HIT-Z M16x205	M16	18 mm	88 mm	18 mm	80 Nm	12 pc	2018418 ¹⁾
HIT-Z M16x240	M16	18 mm	123 mm	18 mm	80 Nm	12 pc	2018419 ¹⁾
HIT-Z M20x215	M20	22 mm	91 mm	22 mm	150 Nm	6 pc	2018420
HIT-Z M20x250	M20	22 mm	126 mm	22 mm	150 Nm	6 pc	2018421 ¹⁾

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

Please visit Hilti website for the latest item numbers and related products

Anchor rod HIT-Z-R (A4 stainless steel)



SAFESET



Approvals

ETA, seismic	ETA 12/0006 for HIT-HY 200-A injection mortar and HIT-Z(R) rod for anchoring applications (ETAG 001-05, Option 1)
	ETA 12/0006 for HIT-HY 200-R injection mortar and HIT-Z(R) rod for anchoring applications (ETAG 001-05, Option 1)

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

Technical data

Head configuration	Externally threaded
Material composition	Steel, A4 (SS316)
Material, corrosion	Steel, stainless
Anchor type	Off-the-shelf rods
Approvals / test reports	ETA
Tested/approved for diamond drilling	Yes



Order Now



Ordering designation	Anchor size	Drill bit diameter	Max. fixture thickness at standard embedment depth	Required tightening torque	Sales pack quantity	Item number
HIT-Z-R M8x80	M8	10 mm	8 mm	10 Nm	40 pc	2018422 ¹⁾
HIT-Z-R M8x100	M8	10 mm	28 mm	10 Nm	40 pc	2018423 ¹⁾
HIT-Z-R M8x120	M8	10 mm	48 mm	10 Nm	40 pc	2018424 ¹⁾
HIT-Z-R M10x95	M10	12 mm	22 mm	25 Nm	40 pc	2018425
HIT-Z-R M10x115	M10	12 mm	42 mm	25 Nm	40 pc	2018426
HIT-Z-R M10x135	M10	12 mm	62 mm	25 Nm	40 pc	2018427
HIT-Z-R M10x160	M10	12 mm	87 mm	25 Nm	40 pc	2018428 ¹⁾
HIT-Z-R M12x105	M12	14 mm	29 mm	40 Nm	20 pc	2018429 ¹⁾
HIT-Z-R M12x140	M12	14 mm	64 mm	40 Nm	20 pc	2018430 ¹⁾
HIT-Z-R M12x155	M12	14 mm	79 mm	40 Nm	20 pc	2018431 ¹⁾
HIT-Z-R M12x196	M12	14 mm	120 mm	40 Nm	20 pc	2018433 ¹⁾
HIT-Z-R M16x155	M16	18 mm	38 mm	80 Nm	12 pc	2018434 ¹⁾
HIT-Z-R M16x175	M16	18 mm	58 mm	80 Nm	12 pc	2018435 ¹⁾
HIT-Z-R M16x205	M16	18 mm	88 mm	80 Nm	12 pc	2018436
HIT-Z-R M16x240	M16	18 mm	123 mm	80 Nm	12 pc	2018437 ¹⁾
HIT-Z-R M20x215	M20	22 mm	91 mm	150 Nm	6 pc	2018438 ¹⁾
HIT-Z-R M20x250	M20	22 mm	126 mm	150 Nm	6 pc	2018439 ¹⁾

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

Please visit Hilti website for the latest item numbers and related products

Threaded meter rod (Galvanized, grade 8.8)

Technical data

Material composition	steel, 8.8 grade
Material, corrosion	zinc-plated
Standard (threaded rod)	DIN 976
Standard (material)	ISO 898

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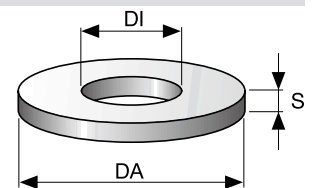
Ordering designation	Anchor size	Length	Drill bit diameter	Base plate clearance hole	Sales pack quantity	Item number
AM8X1000 8.8 zincd	M8	1000 mm	10 mm	9 mm	20 pc	407496
AM10X1000 8.8 zincd	M10	1000 mm	12 mm	12 mm	20 pc	407497
AM12X1000 8.8 zincd	M12	1000 mm	14 mm	14 mm	15 pc	407498
AM16X1000 8.8 zincd	M16	1000 mm	18 mm	18 mm	5 pc	407499
AM20X1000 8.8 zincd	M20	1000 mm	24 mm	22 mm	5 pc	407500
AM24X1000 8.8 zincd	M24	1000 mm	28 mm	26 mm	5 pc	407501
AM27X1000 8.8 zincd	M27	1000 mm	30 mm	30 mm	1 pc	2008138
AM30X1000 8.8 zincd	M30	1000 mm	35 mm	33 mm	1 pc	2008139 ¹⁾
AM33X1000 8.8 zincd	M33	1000 mm	37 mm	36 mm	1 pc	2008330 ¹⁾
AM36X1000 8.8 zincd	M36	1000 mm	40 mm	39 mm	1 pc	2008331 ¹⁾
AM39X1000 8.8 zincd	M39	1000 mm	42 mm	42 mm	1 pc	2008332 ¹⁾

Please visit Hilti website for the latest item numbers and related products

Flat washer (Galvanized)

Technical data

Hardness	200 HV
Surface finished	zinc-plated
Standard (washer)	ISO 7089 / DIN 125



Order Now



Ordering designation	Anchor size	Inside diameter - DI	Outside diameter - DA	Cross section thickness - s	Sales pack quantity	Item number
A 8,4/16 zincd	M8	8.4 mm	16 mm	1.6 mm	200 pc	282850
A 10,5/20 zincd	M10	10.5 mm	20 mm	2 mm	100 pc	282851
A 13/24 zincd	M12	13 mm	24 mm	2.5 mm	100 pc	282852
A 17/30 zincd	M16	17 mm	30 mm	3 mm	100 pc	282853
A 21/37 zincd	M20	21 mm	37 mm	3 mm	50 pc	282854
A 25/44 zincd	M24	25 mm	44 mm	4 mm	50 pc	282855
A 28/50 zincd	M27	28 mm	50 mm	4 mm	100 pc	2008282
A 31/56 zincd	M30	31 mm	56 mm	4 mm	100 pc	2008283 ¹⁾
A 34/60 zincd	M33	34 mm	60 mm	5 mm	50 pc	2048043
A 37/66 zincd	M36	37 mm	66 mm	5 mm	50 pc	2048044
A 42/72 zincd	M39	42 mm	72 mm	6 mm	50 pc	2008286 ¹⁾

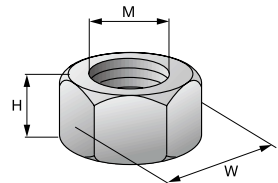
Please visit Hilti website for the latest item numbers and related products

Customer Hotline: Hong Kong 8228 8118, Macau 00800 8228 8118 Email: hksales@hilti.com

Hexagon nut (Galvanized)

Technical data

Material composition	Class 8
Surface finished	zinc-plated
Standard (Nut)	DIN 934



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Ordering designation	Thread - M	Height - H	Wrench size - W	Sales pack quantity	Item number
M8 zincd	M8	7 mm	13 mm	100 pc	216465
M10 zincd	M10	8 mm	17 mm	100 pc	216466
M12 zincd	M12	10 mm	19 mm	100 pc	216467
M16 zincd	M16	13 mm	24 mm	50 pc	216468
M20 zincd	M20	16 mm	30 mm	50 pc	216469
M24 zincd	M24	19 mm	36 mm	50 pc	216470
M27 zincd	M27	22 mm	41 mm	25 pc	362307
M30 zincd	M30	24 mm	46 mm	25 pc	362309 ¹⁾
M33 zincd	M33	26 mm	50 mm	20 pc	362134
M36 zincd	M36	29 mm	55 mm	10 pc	362135
M39 zincd	M39	31 mm	60 mm	10 pc	362136 ¹⁾

Please visit Hilti website for the latest item numbers and related products

Threaded meter rod (Hot-dip galvanized, grade 8.8)

Technical data

Material composition	Steel, 8.8 grade
Material, corrosion	Hot-dip galvanized
Standard (threaded rod)	DIN 976
Standard (material)	ISO 898

Order Now



Ordering designation	Anchor size	Length	Drill bit diameter	Base plate clearance hole	Sales pack quantity	Item number
AM10x1000 8.8 HDG	M10	1000 mm	12 mm	12 mm	20 pc	419102
AM12x1000 8.8 HDG	M12	1000 mm	14 mm	14 mm	15 pc	419103
AM16x1000 8.8 HDG	M16	1000 mm	18 mm	18 mm	5 pc	419104
AM20x1000 8.8 HDG	M20	1000 mm	22 mm	22 mm	5 pc	419105
AM24x1000 8.8 HDG	M24	1000 mm	28 mm	26 mm	5 pc	419106
AM27x1000 8.8 HDG	M27	1000 mm	30 mm	30 mm	120 pc	2008338 ¹⁾
AM30x1000 8.8 HDG	M30	1000 mm	35 mm	33 mm	100 pc	2008339 ¹⁾
AM33x1000 8.8 HDG	M33	1000 mm	37 mm	36 mm	80 pc	2008340 ¹⁾
AM36x1000 8.8 HDG	M36	1000 mm	40 mm	39 mm	60 pc	2008341 ¹⁾

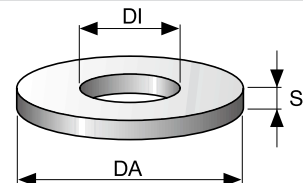
* For M27-M36, Hilti offer meter rod, nut & washer as non-stock items. For detailed lead time information, please contact your Hilti representative.

Please visit Hilti website for the latest item numbers and related products

Flat washer (Hot-dip galvanized)

Technical data

Hardness	200 HV
Material, corrosion	Hot-dip galvanized
Standard (washer)	ISO 7089 / DIN 125



Order Now



Ordering designation	Anchor size	Inside diameter - DI	Outside diameter - DA	Cross section thickness - s	Sales pack quantity	Item number
A 10,5/20-F	M10	10.5 mm	20 mm	2 mm	100 pc	304770
A 13/24-F	M12	13 mm	24 mm	2.5 mm	100 pc	304771
A 17/30-F	M16	17 mm	30 mm	3 mm	100 pc	304772
A 21/37-F	M20	21 mm	37 mm	3 mm	200 pc	2008399
A 25/44-F	M24	25 mm	44 mm	4 mm	200 pc	2008287
A 28/50-F	M27	28 mm	50 mm	4 mm	100 pc	2008288 ¹⁾
A 31/56-F	M30	31 mm	56 mm	4 mm	100 pc	2008289 ¹⁾
A 34/60-F	M33	34 mm	60 mm	5 mm	50 pc	2008360 ¹⁾
A 37/66-F	M36	37 mm	66 mm	5 mm	50 pc	2048045 ¹⁾

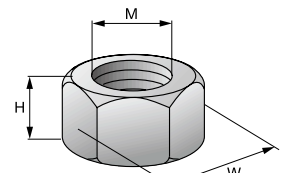
¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

* For M27-M36, Hilti offer meter rod, nut & washer as non-stock items. For detailed lead time information, please contact your Hilti representative.

Please visit Hilti website for the latest item numbers and related products

Hexagon nut (Hot-dip galvanized)

Technical data	
Material composition	Class 8
Material, corrosion	Hot-dip galvanized
Standard (Nut)	DIN 934



Order Now



Ordering designation	Thread - M	Height - H	Wrench size - W	Sales pack quantity	Item number
M10-F	M10	8 mm	17 mm	100 pc	304765
M12-F	M12	10 mm	19 mm	100 pc	304766
M16-F	M16	13 mm	24 mm	50 pc	304767
M20-F	M20	16 mm	30 mm	50 pc	304768
M24-F	M24	19 mm	36 mm	50 pc	2008236
M27-F	M27	22 mm	41 mm	25 pc	2008237 ¹⁾
M30-F	M30	24 mm	46 mm	25 pc	2008238 ¹⁾
M33-F	M33	26 mm	50 mm	10 pc	2008239 ¹⁾
M36-F	M36	29 mm	55 mm	10 pc	2008290 ¹⁾

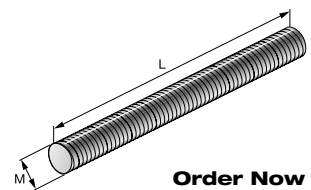
¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

* For M27-M36, Hilti offer meter rod, nut & washer as non-stock items. For detailed lead time information, please contact your Hilti representative.

Please visit Hilti website for the latest item numbers and related products

Threaded meter rod (A4 stainless steel)

Technical data	
Material composition	Stainless steel A4=70
Standard (threaded rod)	DIN 976
Standard (material)	ISO 3506-1



Order Now

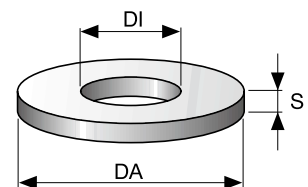


Ordering designation	Anchor size	Length	Drill bit diameter	Base plate clearance hole	Sales pack quantity	Item number
AM8x1000 A4-70	M8	1000 mm	10 mm	9 mm	10 pc	58666
AM10x1000 A4-70	M10	1000 mm	12 mm	12 mm	10 pc	58670
AM12x1000 A4-70	M12	1000 mm	14 mm	14 mm	5 pc	58671
AM16x1000 A4-70	M16	1000 mm	18 mm	18 mm	5 pc	58683
AM20x1000 A4-70	M20	1000 mm	24 mm	22 mm	5 pc	58688
AM24x1000 A4-70	M24	1000 mm	28 mm	26 mm	5 pc	58689

Please visit Hilti website for the latest item numbers and related products

Flat washer (A4 stainless steel)

Technical data	
Hardness	200 HV
Material, corrosion	Stainles steel A4
Standard (washer)	ISO 7089 / DIN 125



Order Now

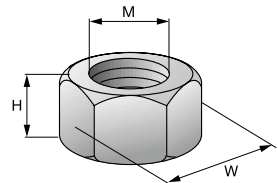


Ordering designation	Anchor size	Inside diameter - DI	Outside diameter - DA	Cross section thickness - s	Sales pack quantity	Item number
A 8,4/16 A4	M8	8.4 mm	16 mm	1.6 mm	50 pc	58622
A 10,5/20 A4	M10	10.5 mm	20 mm	2 mm	50 pc	58042 ¹⁾
A 13/24 A4	M12	13 mm	24 mm	2.5 mm	50 pc	58041
A 17/30 A4	M16	17 mm	30 mm	3 mm	25 pc	387989
A 21/37 A4	M20	21 mm	37 mm	3 mm	25 pc	387990
A 25/44 A4	M24	25 mm	44 mm	4 mm	25 pc	387991

Hexagon nut (A4 stainless steel)

Technical data

Material composition	Class 8
Material, corrosion	Stainles steel A4
Standard (Nut)	DIN 934



Order Now



Ordering designation	Thread - M	Height - H	Wrench size - W	Sales pack quantity	Item number
M8 A4-70	M8	7 mm	13 mm	50 pc	52460
M10 A4-70	M10	8 mm	17 mm	50 pc	52461
M12 A4-70	M12	10 mm	19 mm	50 pc	52462
M16 A4-70	M16	13 mm	24 mm	25 pc	52463
M20 A4-70	M20	16 mm	30 mm	25 pc	387992
M24 A4-70	M24	19 mm	36 mm	25 pc	387993

Please visit Hilti website for the latest item numbers and related products

Safety glasses



Technical data

Lens	PC material
Thickness	2.1 mm
Coating	Optidur NCH coating
Filter	2C-1.2
Impact energy	45 m/s

Order Now



Ordering designation	Sales pack quantity	Item number
Safety glasses PP EY-CA NCH clear	1 pc	2065449

Please visit Hilti website for the latest item numbers and related products

Accessories for blowing out

APPLICATIONS

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



Technical data

Dispenser, setting tool, accessory, tester type	Cleaning accessories
---	----------------------

Order Now



Ordering designation	Sales pack quantity	Item number
Blow-out pump	1 pc	60579
Extension tube HIT-VL 16/0.7	10 pc	336646 ¹⁾

Please visit Hilti website for the latest item numbers and related products

Accessories for blowing out (Air nozzle)

APPLICATIONS

- Clearing dust and debris from drilled holes under various conditions including where adhesive anchors are set at great depth

ADVANTAGES

- Fast, effective cleaning of drilled holes



Technical data

Dispenser, setting tool, accessory, tester type Cleaning accessories

Order Now



Ordering designation	Drill hole diameter	Sales pack quantity	Item number
Air nozzle HIT-DL 20	20 mm	1 pc	371719 ¹⁾
Air nozzle HIT-DL 25	25 mm	1 pc	371720 ¹⁾
Air nozzle HIT-DL 32	32 mm	1 pc	371721 ¹⁾

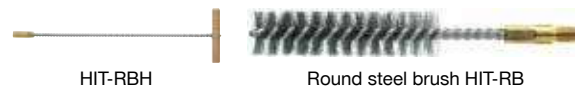
¹⁾This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Please visit Hilti website for the latest item numbers and related products

Accessories for brushing

APPLICATIONS

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



Technical data

Dispenser, setting tool, accessory, tester type Cleaning accessories

Order Now



8

Ordering designation	Package contents	Sales pack quantity	Item number
Brush extension HIT-RBH	30 cm extension with handle for manual cleaning fitting to all RB diameter.	1 pc	229138
Brush extension HIT-RBV	30 cm extension used between RBH (handle) and all RB diameter.	1 pc	238727 ¹⁾
Brush extension HIT-RBS-10/0.35	35 cm extension for machine cleaning fitting to all RB diameter.	1 pc	371722 ¹⁾
Holder TE-C	Connection end for C and SDS end. Works with RBS.	1 pc	263437 ¹⁾
Holder TE-Y	Connection end for Y end. Works with RBS.	1 pc	263439 ¹⁾
Round steel brush HIT-RB 12	Brush diameter - 12 mm. Use with HIT-RBH/RBV	1 pc	336548
Round steel brush HIT-RB 16	Brush diameter - 16 mm. Use with HIT-RBH/RBV	1 pc	336550
Round steel brush HIT-RB 20	Brush diameter - 20 mm. Use with HIT-RBH/RBV	1 pc	336552
Round steel brush HIT-RB 25	Brush diameter - 25 mm. Use with HIT-RBH/RBV	1 pc	336553 ¹⁾
Round steel brush HIT-RB 32	Brush diameter - 32 mm. Use with HIT-RBH/RBV	1 pc	336554
Round steel brush HIT-RB 40	Brush diameter - 40 mm. Use with HIT-RBH/RBV	1 pc	382260 ¹⁾
Round steel brush HIT-RB 52	Brush diameter - 52 mm. Use with HIT-RBH/RBV	1 pc	382265 ¹⁾

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

Please visit Hilti website for the latest item numbers and related products

Accessories for injection in deep / overhead holes application

APPLICATIONS

- For injection of Hilti HIT adhesive mortars in a variety of situations including deep holes, overhead holes and in underwater applications



ADVANTAGES

- Injection pistons and flexible extension hoses help ensure consistent injection of the adhesive into the hole without formation of air voids

Technical data

Dispenser, setting tool, accessory, tester type Cleaning accessories

Order Now



Ordering designation	Drill hole diameter	Sales pack quantity	Item number
Hose HIT-VL 11/1.0 (Plastic tube)	-	10 pc	2042533 ¹⁾
Coupler VL-K (connect HIT-VL)	-	10 pc	335021 ¹⁾
Piston plug HIT-SZ 20	20 mm	10 pc	2039312
Piston plug HIT-SZ 25	25 mm	10 pc	2039315
Piston plug HIT-SZ 30	30 mm	10 pc	2039317
Piston plug HIT-SZ 40	40 mm	10 pc	2039325 ¹⁾
Piston plug HIT-SZ 47	47 mm	10 pc	2039332 ¹⁾

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

Please visit Hilti website for the latest item numbers and related products

Accessories for overhead applications



Technical data

Dispenser, setting tool, accessory, tester type Mixing nozzles and injection accessories

Order Now



Ordering designation	Sales pack quantity	Item number
Drip guard HIT-OHC1 (for fastener Ø10-20 mm)	10 pc	387551
Drip guard HIT-OHC2 (for fastener Ø22-32 mm)	10 pc	387552
Wedge HIT-OHW	100 pc	387550

Please visit Hilti website for the latest item numbers and related products

Setting tool TE-C-E (For HVU installation)

APPLICATIONS

- Setting tool for installing HVU with HAS-E



Technical data

Dispenser, setting tool, accessory, tester type Setting tools

Order Now



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

Please visit Hilti website for the latest item numbers and related products

Setting tool TE-Y-E (For HVU installation)

APPLICATIONS

- Setting tool for installing HVU with HAS-E



Technical data

Dispenser, setting tool, accessory, tester type Setting tools

Order Now



Ordering designation	Connection end	Sales pack quantity	Item number
TE-Y-E M16	TE-Y	1 pc	369227 ¹⁾
TE-Y-E M20	TE-Y	1 pc	369228 ¹⁾
TE-Y-E M24	TE-Y	1 pc	369229 ¹⁾

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

Please visit Hilti website for the latest item numbers and related products

Setting tool HIS-S (For HVU installation)

APPLICATIONS

- Setting tool for installing HVU with HIS-N



Technical data

Dispenser, setting tool, accessory, tester type Setting tools

Order Now



Ordering designation	Sales pack quantity	Item number
HIS-S M8	1 pc	45964 ¹⁾
HIS-S M10	1 pc	45965 ¹⁾
HIS-S M12	1 pc	45966 ¹⁾
HIS-S M16	1 pc	45967 ¹⁾
HIS-S M20	1 pc	45968 ¹⁾

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

Please visit Hilti website for the latest item numbers and related products

Mixers for Hilti injectable (RE&HY)



Technical data

Dispenser, setting tool, accessory, tester type Mixing nozzles and injection accessories

Order Now



Ordering designation	Sales pack quantity	Item number
Mixers HIT-RE-M (for RE&HY)	1 pc	337111

Please visit Hilti website for the latest item numbers and related products

Undercut anchor HDA-T



BASE MATERIALS

- Concrete (cracked)
- Concrete (uncracked)

APPLICATIONS

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

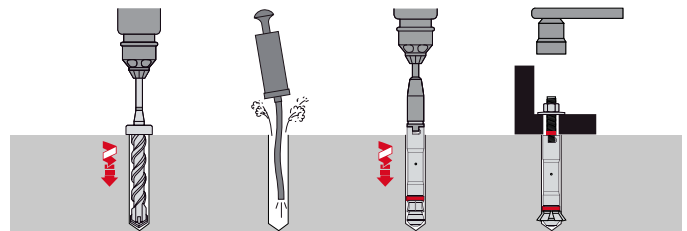
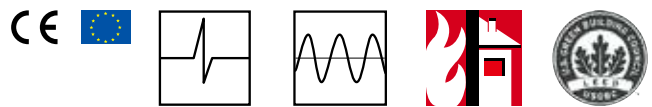
ADVANTAGES

- Self-undercutting facilitates fast and reliable installation without the need for 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

Approvals

BZS/shock	BZS D 09-601 for HDA self-cutting undercut anchor
ETA	ETA 99/0009 for HDA self-cutting undercut anchor (ETAG 001-03, 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 according to the application.

Technical data

Material composition	(Galvanized) Bolt: steel, 8.8 grade, zinc-plated (min. 5 µm); (Sherardized) Bolt, 8.8 grade, sherardized (min. 53 µm); (Stainless steel) Steel, A4 (SS316)
Head configuration	Externally threaded
Type of fastening	Through-fastening
IBC compliance	IBC 2003, IBC 2006, IBC 2009, IBC 2012
Additional product information	Meets approval requirements when installed using the specified stop drill bit, setting tool and rotary hammer

Technical data

Recommended load (kN), non-cracked concrete at 25N/mm², safety factor(γ)=3

Model	Size	M10	M12	M16	M20
HDA-T/ HDA-TF	Tensile Load, Nrec	15.3	22.3	42.0	64.0
	Shear Load, Vrec	21.7	26.7	46.7	68.3
HDA-TR	Tensile Load, Nrec	15.3	22.3	42.0	-
	Shear Load, Vrec	23.7	29.0	50.7	-

Recommended load (kN), cracked concrete at 25N/mm², safety factor(γ)=3

Model	Size	M10	M12	M16	M20
HDA-T/ HDA-TF	Tensile Load, Nrec	8.3	11.6	25.0	31.6
	Shear Load, Vrec	21.7	26.7	46.7	68.3
HDA-TR	Tensile Load, Nrec	8.3	11.6	25.0	-
	Shear Load, Vrec	23.7	29.0	50.7	-

Remarks:

- 1) All the data applies to no edge distance, spacing and other influences
- 2) HDA M20: only available in galvanized 5 µm version
- 3) For detail design method and cracked concrete information, please refer to Fastening Technology Manual

HDA-T (Galvanized min. 5µm)



Order Now



Ordering designation	Anchor size	Anchor length	Drill bit diameter	Drilling depth	Anchorage depth	Max. fixture thickness at standard embedment depth	Base plate clearance hole	Required tightening torque	Sales pack quantity	Item number
HDA-T M10x100/20	M10	150 mm	20 mm	127 mm	100 mm	20 mm	21 mm	50 Nm	12 pc	331545 ¹⁾
HDA-T M12x125/30	M12	190 mm	22 mm	163 mm	125 mm	30 mm	23 mm	80 Nm	8 pc	331548
HDA-T M12x125/50	M12	210 mm	22 mm	183 mm	125 mm	50 mm	23 mm	80 Nm	8 pc	331549 ¹⁾
HDA-T M16x190/40	M16	275 mm	30 mm	243 mm	190 mm	40 mm	32 mm	120 Nm	4 pc	331552
HDA-T M16x190/60	M16	295 mm	30 mm	263 mm	190 mm	60 mm	32 mm	120 Nm	4 pc	331553 ¹⁾
HDA-T M20x250/50	M20	360 mm	37 mm	316 mm	250 mm	50 mm	40 mm	300 Nm	2 pc	339267 ¹⁾
HDA-T M20x250/100	M20	410 mm	37 mm	366 mm	250 mm	100 mm	40 mm	300 Nm	2 pc	339268 ¹⁾

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

Please visit Hilti website for the latest item numbers and related products

HDA-TF (Sherardized 53µm)



Order Now



Ordering designation	Anchor size	Anchor length	Drill bit diameter	Drilling depth	Anchorage depth	Max. fixture thickness at standard embedment depth	Base plate clearance hole	Required tightening torque	Sales pack quantity	Item number
HDA-TF M10x100/20	M10	150 mm	20 mm	127 mm	100 mm	20 mm	21 mm	50 Nm	12 pc	412903 ¹⁾
HDA-TF M12x125/30	M12	190 mm	22 mm	163 mm	125 mm	30 mm	23 mm	80 Nm	8 pc	412904 ¹⁾
HDA-TF M12x125/50	M12	210 mm	22 mm	183 mm	125 mm	50 mm	23 mm	80 Nm	8 pc	412905 ¹⁾
HDA-TF M16x190/40	M16	275 mm	30 mm	243 mm	190 mm	40 mm	32 mm	120 Nm	4 pc	339364 ¹⁾
HDA-TF M16x190/60	M16	295 mm	30 mm	263 mm	190 mm	60 mm	32 mm	120 Nm	4 pc	339365 ¹⁾

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

Please visit Hilti website for the latest item numbers and related products

HDA-TR (Stainless steel A4)



Order Now



Ordering designation	Anchor size	Anchor length	Drill bit diameter	Drilling depth	Anchorage depth	Max. fixture thickness at standard embedment depth	Base plate clearance hole	Required tightening torque	Sales pack quantity	Item number
HDA-TR M10x100/20	M10	150 mm	20 mm	127 mm	100 mm	20 mm	21 mm	50 Nm	12 pc	339351 ¹⁾
HDA-TR M12x125/30	M12	190 mm	22 mm	163 mm	125 mm	30 mm	23 mm	80 Nm	8 pc	339352
HDA-TR M12x125/50	M12	210 mm	22 mm	183 mm	125 mm	50 mm	23 mm	80 Nm	8 pc	339353
HDA-TR M16x190/40	M16	275 mm	30 mm	243 mm	190 mm	40 mm	32 mm	120 Nm	4 pc	339354 ¹⁾
HDA-TR M16x190/60	M16	295 mm	30 mm	263 mm	190 mm	60 mm	32 mm	120 Nm	4 pc	339355 ¹⁾

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

Please visit Hilti website for the latest item numbers and related products

Undercut anchor HDA-P



BASE MATERIALS

- Concrete (cracked)
- Concrete (uncracked)

APPLICATIONS

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

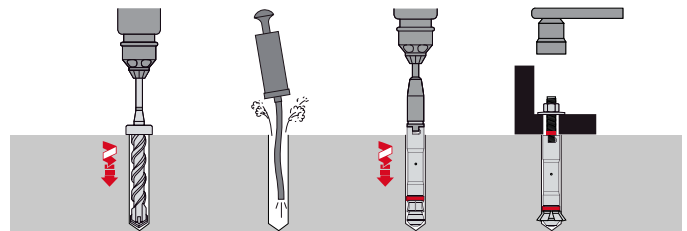
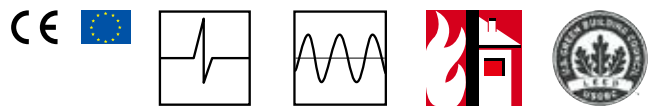
ADVANTAGES

- Self-undercutting facilitates fast and reliable installation without the need for 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

Approvals

BZS/shock	BZS D 09-601 for HDA self-cutting undercut anchor
ETA	ETA 99/0009 for HDA self-cutting undercut anchor (ETAG 001-03, 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 according to the application.

Technical data

Material composition	(Galvanized) Bolt: steel, 8.8 grade, zinc-plated (min. 5 µm); (Sherardized) Bolt, 8.8 grade, sherardized (min. 53 µm); (Stainless steel) Steel, A4 (SS316)
Head configuration	Externally threaded
Type of fastening	Through-fastening
IBC compliance	IBC 2003, IBC 2006, IBC 2009, IBC 2012
Additional product information	Meets approval requirements when installed using the specified stop drill bit, setting tool and rotary hammer

Technical data

Recommended load (kN), non-cracked concrete at 25N/mm², safety factor(γ)=3

Model	Size	M10	M12	M16	M20
HDA-T/ HDA-TF	Tensile Load, Nrec	15.3	22.3	42.0	64.0
	Shear Load, Vrec	7.3	10.0	20.6	30.6
HDA-TR	Tensile Load, Nrec	15.3	22.3	42.0	-
	Shear Load, Vrec	7.6	11.3	21.0	-

Recommended load (kN), cracked concrete at 25N/mm², safety factor(γ)=3

Model	Size	M10	M12	M16	M20
HDA-T/ HDA-TF	Tensile Load, Nrec	8.3	11.6	25.0	31.6
	Shear Load, Vrec	7.3	10.0	20.6	30.6
HDA-TR	Tensile Load, Nrec	8.3	11.6	25.0	-
	Shear Load, Vrec	7.6	11.3	21.0	-

Remarks:

- 1) All the data applies to no edge distance, spacing and other influences
- 2) HDA M20: only available in galvanized steel version
- 3) For detail design method and cracked concrete information, please refer to Fastening Technology Manual

HDA-P (Galvanised min. 5µm)



Order Now



Ordering designation	Anchor size	Anchor length	Drill bit diameter	Drilling Depth	Anchorage depth	Max. fixture thickness at standard embedment depth	Base plate clearance hole	Required tightening torque	Sales pack quantity	Item number
HDA-P M10x100/20	M10	150 mm	20 mm	107 mm	100 mm	20 mm	12 mm	50 Nm	12 pc	331544 ¹⁾
HDA-P M12x125/30	M12	190 mm	22 mm	133 mm	125 mm	30 mm	14 mm	80 Nm	8 pc	331546 ¹⁾
HDA-P M12x125/50	M12	210 mm	22 mm	133 mm	125 mm	50 mm	14 mm	80 Nm	8 pc	331547 ¹⁾
HDA-P M16x190/40	M16	275 mm	30 mm	203 mm	190 mm	40 mm	18 mm	120 Nm	4 pc	331550 ¹⁾
HDA-P M16x190/60	M16	295 mm	30 mm	203 mm	190 mm	60 mm	18 mm	120 Nm	4 pc	331551 ¹⁾
HDA-P M20x250/50	M20	360 mm	37 mm	266 mm	250 mm	50 mm	22 mm	300 Nm	2 pc	339265 ¹⁾
HDA-P M20x250/100	M20	410 mm	37 mm	266 mm	250 mm	100 mm	22 mm	300 Nm	2 pc	339266 ¹⁾

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

Please visit Hilti website for the latest item numbers and related products

HDA-PF (Sherardized 53µm)



Order Now



Ordering designation	Anchor size	Anchor length	Drill bit diameter	Drilling Depth	Anchorage depth	Max. fixture thickness at standard embedment depth	Base plate clearance hole	Required tightening torque	Sales pack quantity	Item number
HDA-PF M10x100/20	M10	150 mm	20 mm	107 mm	100 mm	20 mm	12 mm	50 Nm	12 pc	412900 ¹⁾
HDA-PF M12x125/30	M12	190 mm	22 mm	133 mm	125 mm	30 mm	14 mm	80 Nm	8 pc	412901 ¹⁾
HDA-PF M12x125/50	M12	210 mm	22 mm	133 mm	125 mm	50 mm	14 mm	80 Nm	8 pc	412902 ¹⁾
HDA-PF M16x190/40	M16	275 mm	30 mm	203 mm	190 mm	40 mm	18 mm	120 Nm	4 pc	339359 ¹⁾
HDA-PF M16x190/60	M16	295 mm	30 mm	203 mm	190 mm	60 mm	18 mm	120 Nm	4 pc	339360 ¹⁾

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

Please visit Hilti website for the latest item numbers and related products

HDA-PR (Stainless steel A4)



Order Now






Ordering designation	Anchor size	Anchor length	Drill bit diameter	Drilling Depth	Anchorage depth	Max. fixture thickness at standard embedment depth	Base plate clearance hole	Required tightening torque	Sales pack quantity	Item number
HDA-PR M10x100/20	M10	150 mm	20 mm	107 mm	100 mm	20 mm	12 mm	50 Nm	12 pc	339346 ¹⁾
HDA-PR M12x125/30	M12	190 mm	22 mm	133 mm	125 mm	30 mm	14 mm	80 Nm	8 pc	339347 ¹⁾
HDA-PR M12x125/50	M12	210 mm	22 mm	133 mm	125 mm	50 mm	14 mm	80 Nm	8 pc	339348 ¹⁾
HDA-PR M16x190/40	M16	275 mm	30 mm	203 mm	190 mm	40 mm	18 mm	120 Nm	4 pc	339349 ¹⁾
HDA-PR M16x190/60	M16	295 mm	30 mm	203 mm	190 mm	60 mm	18 mm	120 Nm	4 pc	339350 ¹⁾

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

Please visit Hilti website for the latest item numbers and related products

HDA SETTING EQUIPMENT
HDA-P/T



Anchor  description	TE-C Connection		TE-Y Connection		Stop drill bit  description	Setting tool  description
	TE 30-C-AVR	TE 40	TE 60-ATC / AVR	TE 70-ATC / AVR		
HDA-P 20-M10x100/20	■	■			TE-C-HDA-B 20x100	TE-C-HDA-ST 20 M10
			■		TE-Y-HDA-B 20x100	TE-Y-HDA-ST 20 M10
HDA-T 20-M10x100/20	■	■			TE-C-HDA-B 20x120	TE-C-HDA-ST 20 M10
			■		TE-Y-HDA-B 20x120	TE-Y-HDA-ST 20 M10
HDA-P 22-M12x125/30	■	■			TE-C-HDA-B 22x125	TE-C-HDA-ST 22 M12
			■		TE-Y-HDA-B 22x125	TE-Y-HDA-ST 22 M12
HDA-T 22-M12x125/30	■	■			TE-C-HDA-B 22x155	TE-C-HDA-ST 22 M12
			■		TE-Y-HDA-B 22x155	TE-Y-HDA-ST 22 M12
HDA-P 22-M12x125/50	■	■			TE-C-HDA-B 22x125	TE-C-HDA-ST 22 M12
			■		TE-Y-HDA-B 22x125	TE-Y-HDA-ST 22 M12
HDA-T 22-M12x125/50	■	■			TE-C-HDA-B 22x175	TE-C-HDA-ST 22 M12
			■		TE-Y-HDA-B 22x175	TE-Y-HDA-ST 22 M12
HDA-P 30-M16x190/40				■	TE-Y-HDA-B 30x190	TE-Y-HDA-ST 30 M16
HDA-T 30-M16x190/40				■	TE-Y-HDA-B 30x230	
HDA-P 30-M16x190/60				■	TE-Y-HDA-B 30x190	
HDA-T 30-M16x190/60				■	TE-Y-HDA-B 30x250	
HDA-P 37-M20x250/50				■	TE-Y-HDA-B 37x250	TE-Y-HDA-ST 37 M20
HDA-T 37-M20x250/50				■	TE-Y-HDA-B 37x300	
HDA-P 37-M20x250/100				■	TE-Y-HDA-B 37x250	
HDA-T 37-M20x250/100				■	TE-Y-HDA-B 37x350	

HDA-PF/TF



Anchor description	TE 30-C-AVR	TE 40	max impact energy		Stop drill bit description	Setting tool description
			TE 60-ATC / AVR	TE 70-ATC / AVR		
HDA-PF 20-M10x100/20	■	■			TE-C-HDA-B 20x100	TE-C-HDA-ST 20 M10
			■		TE-Y-HDA-B 20x100	TE-Y-HDA-ST 20 M10
HDA-TF 20-M10x100/20	■	■			TE-C-HDA-B 20x120	TE-C-HDA-ST 20 M10
			■		TE-Y-HDA-B 20x120	TE-Y-HDA-ST 20 M10
HDA-PF 22-M12x125/30	■	■			TE-C-HDA-B 22x125	TE-C-HDA-ST 22 M12
			■		TE-Y-HDA-B 22x125	TE-Y-HDA-ST 22 M12
HDA-TF 22-M12x125/30	■	■			TE-C-HDA-B 22x155	TE-C-HDA-ST 22 M12
			■		TE-Y-HDA-B 22x155	TE-Y-HDA-ST 22 M12
HDA-PF 22-M12x125/50	■	■			TE-C-HDA-B 22x125	TE-C-HDA-ST 22 M12
			■		TE-Y-HDA-B 22x125	TE-Y-HDA-ST 22 M12
HDA-TF 22-M12x125/50	■	■			TE-C-HDA-B 22x175	TE-C-HDA-ST 22 M12
			■		TE-Y-HDA-B 22x175	TE-Y-HDA-ST 22 M12
HDA-PF 30-M16x190/40				■	TE-Y-HDA-B 30x190	TE-Y-HDA-ST 30 M16
HDA-TF 30-M16x190/40				■	TE-Y-HDA-B 30x230	
HDA-PF 30-M16x190/60				■	TE-Y-HDA-B 30x190	
HDA-TF 30-M16x190/60				■	TE-Y-HDA-B 30x250	

HDA-PR/TR

HDA-PR 20-M10x100/20	■	■			TE-C-HDA-B 20x100	TE-C-HDA-ST 20 M10
			■		TE-Y-HDA-B 20x100	TE-Y-HDA-ST 20 M10
HDA-TR 20-M10x100/20	■	■			TE-C-HDA-B 20x120	TE-C-HDA-ST 20 M10
			■		TE-Y-HDA-B 20x120	TE-Y-HDA-ST 20 M10
HDA-PR 22-M12x125/30	■	■			TE-C-HDA-B 22x125	TE-C-HDA-ST 22 M12
			■		TE-Y-HDA-B 22x125	TE-Y-HDA-ST 22 M12
HDA-TR 22-M12x125/30	■	■			TE-C-HDA-B 22x155	TE-C-HDA-ST 22 M12
			■		TE-Y-HDA-B 22x155	TE-Y-HDA-ST 22 M12
HDA-PR 22-M12x125/50	■	■			TE-C-HDA-B 22x125	TE-C-HDA-ST 22 M12
			■		TE-Y-HDA-B 22x125	TE-Y-HDA-ST 22 M12
HDA-TR 22-M12x125/50	■	■			TE-C-HDA-B 22x175	TE-C-HDA-ST 22 M12
			■		TE-Y-HDA-B 22x175	TE-Y-HDA-ST 22 M12
HDA-PR 30-M16x190/40				■	TE-Y-HDA-B 30x190	TE-Y-HDA-ST 30 M16
HDA-TR 30-M16x190/40				■	TE-Y-HDA-B 30x230	
HDA-PR 30-M16x190/60				■	TE-Y-HDA-B 30x190	
HDA-TR 30-M16x190/60				■	TE-Y-HDA-B 30x250	

Stop drill bit TE-C-HDA-B



APPLICATIONS

- Drilling HDA anchor holes to the defined depth

ADVANTAGES

- Ensures consistent hole depth for proper installation of HDA undercut anchors

Technical data

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

Ordering designation	Drill bit diameter	Connection end	Sales pack quantity	Item number
TE-C-HDA-B 20x100	20 mm	TE-C	1 pc	332089 ¹⁾
TE-C-HDA-B 20x120	20 mm	TE-C	1 pc	332090 ¹⁾
TE-C-HDA-B 22x125	22 mm	TE-C	1 pc	402050 ¹⁾
TE-C-HDA-B 22x155	22 mm	TE-C	1 pc	402056
TE-C-HDA-B 22x175	22 mm	TE-C	1 pc	402060 ¹⁾

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

Please visit Hilti website for the latest item numbers and related products

Related products on page

Consumables 209-212

Stop drill bit TE-Y-HDA-B



APPLICATIONS

- Drilling HDA anchor holes to the defined depth

ADVANTAGES

- Ensures consistent hole depth for proper installation of HDA undercut anchors

Technical data

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

Ordering designation	Connection end	Sales pack quantity	Item number
TE-Y-HDA-B 30x190	TE-Y	1 pc	332097 ¹⁾
TE-Y-HDA-B 30x230	TE-Y	1 pc	332098
TE-Y-HDA-B 30x250	TE-Y	1 pc	332099
TE-Y-HDA-B 37x250	TE-Y	1 pc	339270 ¹⁾
TE-Y-HDA-B 37x300	TE-Y	1 pc	339271
TE-Y-HDA-B 37x350	TE-Y	1 pc	339272 ¹⁾
TE-Y-HDA-B 22x125	TE-Y	1 pc	402055 ¹⁾
TE-Y-HDA-B 22x155	TE-Y	1 pc	402058 ¹⁾
TE-Y-HDA-B 22x175	TE-Y	1 pc	402062 ¹⁾

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

Please visit Hilti website for the latest item numbers and related products



Setting tool TE-C-HDA-ST



SDS plus



APPLICATIONS

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

ADVANTAGES

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

Technical data

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

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

Please visit Hilti website for the latest item numbers and related products

Setting tool TE-Y-HDA-ST



SDS max



APPLICATIONS

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

ADVANTAGES

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

Technical data

Dispenser, setting tool, accessory, tester type	Stop drill bits
---	-----------------

Ordering designation	Connection end	Sales pack quantity	Item number
TE-Y-HDA-ST 20-M10	TE-Y	1 pc	287133 ¹⁾
TE-Y-HDA-ST 22-M12	TE-Y	1 pc	287134
TE-Y-HDA ST 30-M16	TE-Y	1 pc	331846
TE-Y-HDA-ST 37-M20	TE-Y	1 pc	339269

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

Please visit Hilti website for the latest item numbers and related products

Disassembly tool - for easy removal of HDA undercut anchors TE-C-HDA-RT



APPLICATIONS

- Tool for the removal of HDA undercut anchors

ADVANTAGES

- Fast, easy anchor removal

Technical data

Dispenser, setting tool, accessory, tester type Other accessories

Insert connection end TE-C (SDS-plus)

Ordering designation	Sales pack quantity	Item number
TE-C-HDA-RT 20-M10	1 pc	333433 ¹⁾
TE-C-HDA-RT 22-M12	1 pc	333434 ¹⁾
TE-C-HDA-RT 30-M16	1 pc	333435 ¹⁾
TE-C-HDA-RT 37-M20	1 pc	339273 ¹⁾

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

Please visit Hilti website for the latest item numbers and related products

Filling set



APPLICATIONS

- Applications in which shear loads need to be taken up directly (gap filled with HIT-HY 200)

ADVANTAGES

- Optimal load transfer through special washer and filling of annular gap
- Through-fastening is possible
- Easy handling, even with multiple fastening points

Technical data

Dispenser, setting tool, accessory, tester type Other accessories



Ordering designation	Anchor size	Material	Sales pack quantity	Item number
Filling set M8	M8	Galvanised	50 pc	2127787 ¹⁾
Filling set M10	M10	Galvanised	50 pc	2127788 ¹⁾
Filling set M12	M12	Galvanised	16 pc	2127789 ¹⁾
Filling set M8 A4 stnls.	M8	Stainless steel A4	50 pc	2127893 ¹⁾
Filling set M10 A4 stnls.	M10	Stainless steel A4	50 pc	2127894 ¹⁾
Filling set M12 A4 stnls.	M12	Stainless steel A4	16 pc	2127895 ¹⁾

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

Please visit Hilti website for the latest item numbers and related products

Heavy-duty expansion anchor HSL-3



BASE MATERIALS

- Concrete (cracked)
- Concrete (uncracked)

APPLICATIONS

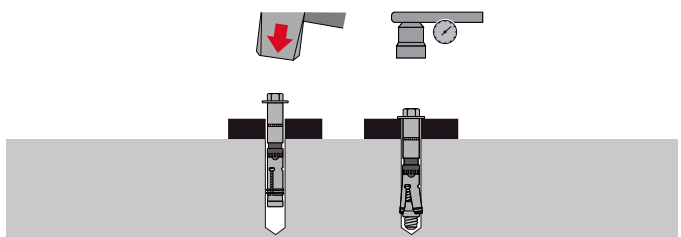
- Heavy-duty fastenings in high safety-relevant or dynamic applications, including applications in nuclear power plants
- Heavy-duty applications e.g machines, heavy equipment, steel columns, heavy pipe supports, pumps, beam supports, medical equipment, cantilevers, cranes, car hoists, etc.

ADVANTAGES

- High tension and shear load capacities
- Force-controlled expansion which allows follow-up expansion

Approvals	
BZS/shock	BZS D 08-601 for HSL-3 heavy-duty expansion anchor
ETA	ETA 02/0042 for HSL-3 heavy-duty expansion anchor (ETAG 001-02, 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 according to the application.

Technical data	
Material composition	(Galvanised) Bolt; steel, 8.8 grade, zinc plated (min. 5µm) (Stainless steel) Steel, A4 (SS316)
Head configuration	Hexagonal bolt, stud, countersunk and torque control
Type of fastening	Through-fastening
Approvals / Test reports	BZS/shock, ET, Fatigue, Fire, Nuclear (NQA-1), Seismic
IBC compliance	IBC 2003, IBC 2006, IBC 2009, IBC 2012

Technical data

Recommended load (kN), concrete grade 25N/mm², standard embedment depth, safety factor(γ)=3

	Model	Un-cracked concrete						Cracked Concrete					
		M8	M10	M12	M16	M20	M24	M8	M10	M12	M16	M20	M24
Tension	HSL-3/HSL-3-G/HSL-3-SK ⁴ /HSL-3-B	7.8	9.9	12.0	16.8	23.5	30.9	4.0	5.3	8.6	12.0	16.8	22.0
	HSL-3-R/HSL-3-GR/HSL-3-SKR ⁴	6.7	9.9	12.0	16.8	23.5	-	4.0	5.3	8.6	12.0	16.8	-
Shear	HSL-3/HSL-3-SK ⁴ /HSL-3-B	10.4	19.7	24.1	33.7	47.1	61.8	10.0	14.1	17.2	24.0	33.5	44.1
	HSL-3-G	8.7	13.9	19.8	33.7	47.1	61.8	8.7	13.9	17.2	24.0	33.5	44.1
	HSL-3-R/HSL-3-SKR ⁴	15.6	19.7	24.1	33.7	47.1	-	11.2	14.1	17.2	24.0	33.5	-
	HSL-3-GR	13.4	19.6	24.1	33.7	47.1	-	11.2	14.1	17.2	24.0	33.5	-

Remarks:

1. All the data applies to no edge distance, spacing and other influences.
2. For detail design method information, please refer to Fastening Technology Manual.
3. Data based on standard embedment depth, please refer to the Hilti Fastening Technology Manual for recommended loads for deeper embedments
4. HSL-3-SK and HSL-3-SKR only available in sizes M8-M12

HSL-3 (Hexagonal bolt head, galvanized min. 5µm)



Order Now



Ordering designation	Anchor size	Drill bit diameter	Drilling depth	Standard anchorage depth	Max. fixture thickness at standard anchorage depth	Base plate clearance hole	Required tightening torque	Sales pack quantity	Item number
HSL-3 M8/5	M8	12 mm	80 mm	60 mm	5 mm	14 mm	25 Nm	40 pc	371774
HSL-3 M8/20	M8	12 mm	80 mm	60 mm	20 mm	14 mm	25 Nm	40 pc	371775
HSL-3 M8/40	M8	12 mm	80 mm	60 mm	40 mm	14 mm	25 Nm	40 pc	371776
HSL-3 M10/5	M10	15 mm	90 mm	70 mm	5 mm	17 mm	50 Nm	20 pc	371777
HSL-3 M10/20	M10	15 mm	90 mm	70 mm	20 mm	17 mm	50 Nm	20 pc	371778
HSL-3 M10/40	M10	15 mm	90 mm	70 mm	40 mm	17 mm	50 Nm	20 pc	371779
HSL-3 M12/5	M12	18 mm	105 mm	80 mm	5 mm	20 mm	80 Nm	20 pc	371780
HSL-3 M12/25	M12	18 mm	105 mm	80 mm	25 mm	20 mm	80 Nm	20 pc	371781
HSL-3 M12/50	M12	18 mm	105 mm	80 mm	50 mm	20 mm	80 Nm	10 pc	371782
HSL-3 M16/10	M16	24 mm	125 mm	100 mm	10 mm	26 mm	120 Nm	10 pc	371783
HSL-3 M16/25	M16	24 mm	125 mm	100 mm	25 mm	26 mm	120 Nm	10 pc	371784
HSL-3 M16/50	M16	24 mm	125 mm	100 mm	50 mm	26 mm	120 Nm	10 pc	371785
HSL-3 M20/10	M20	28 mm	155 mm	125 mm	10 mm	31 mm	200 Nm	6 pc	371786
HSL-3 M20/30	M20	28 mm	155 mm	125 mm	30 mm	31 mm	200 Nm	6 pc	371787
HSL-3 M20/60	M20	28 mm	155 mm	125 mm	60 mm	31 mm	200 Nm	6 pc	371788
HSL-3 M24/10	M24	32 mm	180 mm	150 mm	10 mm	35 mm	250 Nm	4 pc	371789
HSL-3 M24/30	M24	32 mm	180 mm	150 mm	30 mm	35 mm	250 Nm	4 pc	371790
HSL-3 M24/60	M24	32 mm	180 mm	150 mm	60 mm	35 mm	250 Nm	4 pc	371791

Please visit Hilti website for the latest item numbers and related products

HSL-3-B (Torque control head, galvanized min. 5µm)



Order Now



Ordering designation	Anchor size	Drill bit diameter	Min. drilling depth for standard anchorage	Standard anchorage depth	Max. fixture thickness at standard anchorage depth	Base plate clearance hole	Required tightening torque	Sales pack quantity	Item number
HSL-3-B M12/5	M12	18 mm	105 mm	80 mm	5 mm	20 mm	80 Nm	20 pc	371807 ¹⁾
HSL-3-B M12/25	M12	18 mm	105 mm	80 mm	25 mm	20 mm	80 Nm	20 pc	371808
HSL-3-B M12/50	M12	18 mm	105 mm	80 mm	50 mm	20 mm	80 Nm	10 pc	371809 ¹⁾
HSL-3-B M16/10	M16	24 mm	125 mm	100 mm	10 mm	26 mm	120 Nm	10 pc	371810 ¹⁾
HSL-3-B M16/25	M16	24 mm	125 mm	100 mm	25 mm	26 mm	120 Nm	10 pc	371811
HSL-3-B M16/50	M16	24 mm	125 mm	100 mm	50 mm	26 mm	120 Nm	10 pc	371812 ¹⁾
HSL-3-B M20/10	M20	28 mm	155 mm	125 mm	10 mm	31 mm	200 Nm	6 pc	371813 ¹⁾
HSL-3-B M20/30	M20	28 mm	155 mm	125 mm	30 mm	31 mm	200 Nm	6 pc	371814 ¹⁾
HSL-3-B M20/60	M20	28 mm	155 mm	125 mm	60 mm	31 mm	200 Nm	6 pc	371815 ¹⁾
HSL-3-B M24/10	M24	32 mm	180 mm	150 mm	10 mm	35 mm	250 Nm	4 pc	371816 ¹⁾
HSL-3-B M24/30	M24	32 mm	180 mm	150 mm	30 mm	35 mm	250 Nm	4 pc	371817 ¹⁾
HSL-3-B M24/60	M24	32 mm	180 mm	150 mm	60 mm	35 mm	250 Nm	4 pc	371818 ¹⁾

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

Please visit Hilti website for the latest item numbers and related products

HSL-3-G (Stud head, galvanized min. 5µm)



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Ordering designation	Anchor size	Drill bit diameter	Min. drilling depth for standard anchorage	Standard anchorage depth	Max. fixture thickness at standard anchorage depth	Base plate clearance hole	Required tightening torque	Sales pack quantity	Item number
HSL-3-G M8/5	M8	12mm	80mm	60mm	5mm	14mm	20Nm	40pc	371792 ¹⁾
HSL-3-G M8/20	M8	12mm	80mm	60mm	20mm	14mm	20Nm	40pc	371793
HSL-3-G M8/40	M8	12mm	80mm	60mm	40mm	14mm	20Nm	40pc	371794
HSL-3-G M8/100	M8	12mm	80mm	60mm	100mm	14mm	20Nm	20pc	371829 ¹⁾
HSL-3-G M10/5	M10	15mm	90mm	70mm	5mm	17mm	35Nm	20pc	371795 ¹⁾
HSL-3-G M10/20	M10	15mm	90mm	70mm	20mm	17mm	35Nm	20pc	371796
HSL-3-G M10/40	M10	15mm	90mm	70mm	40mm	17mm	35Nm	20pc	371797
HSL-3-G M10/100	M10	15mm	90mm	70mm	100mm	17mm	35Nm	20pc	371830 ¹⁾
HSL-3-G M12/5	M12	18mm	105mm	80mm	5mm	20mm	60Nm	20pc	371798 ¹⁾
HSL-3-G M12/25	M12	18mm	105mm	80mm	25mm	20mm	60Nm	20pc	371799
HSL-3-G M12/50	M12	18mm	105mm	80mm	50mm	20mm	60Nm	10pc	371800
HSL-3-G M12/100	M12	18mm	105mm	80mm	100mm	20mm	60Nm	10pc	371831 ¹⁾
HSL-3-G M16/10	M16	24mm	125mm	100mm	10mm	26mm	80Nm	10pc	371801
HSL-3-G M16/25	M16	24mm	125mm	100mm	25mm	26mm	80Nm	10pc	371802
HSL-3-G M16/50	M16	24mm	125mm	100mm	50mm	26mm	80Nm	10pc	371803
HSL-3-G M16/100	M16	24mm	125mm	100mm	100mm	26mm	80Nm	10pc	371832 ¹⁾
HSL-3-G M20/10	M20	28mm	155mm	125mm	10mm	31mm	160Nm	6pc	371804 ¹⁾
HSL-3-G M20/30	M20	28mm	155mm	125mm	30mm	31mm	160Nm	6pc	371805
HSL-3-G M20/60	M20	28mm	155mm	125mm	60mm	31mm	160Nm	6pc	371806
HSL-3-G M20/100	M20	28mm	155mm	125mm	100mm	31mm	160Nm	6pc	371833 ¹⁾
HSL-3-G M24/10	M24	32mm	180mm	150mm	10mm	35mm	180Nm	4pc	324929 ¹⁾
HSL-3-G M24/30	M24	32mm	180mm	150mm	30mm	35mm	180Nm	4pc	324930 ¹⁾
HSL-3-G M24/60	M24	32mm	180mm	150mm	60mm	35mm	180Nm	4pc	324931 ¹⁾

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

Please visit Hilti website for the latest item numbers and related products

HSL-3-SK (Countersunk head, galvanized min. 5µm)



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Ordering designation	Anchor size	Drill bit diameter	Min. drilling depth for standard anchorage	Anchorage depth	Max. fixture thickness	Base plate clearance hole	Required tightening torque	Sales pack quantity	Item number
HSL-3-SK M8/10	M8	12 mm	80 mm	60 mm	10 mm	14 mm	25 Nm	40 pc	371825
HSL-3-SK M8/20	M8	12 mm	80 mm	60 mm	20 mm	14 mm	25 Nm	40 pc	371826
HSL-3-SK M10/20	M10	15 mm	90 mm	70 mm	20 mm	17 mm	50 Nm	20 pc	371827
HSL-3-SK M12/25	M12	18 mm	105 mm	80 mm	25 mm	20 mm	80 Nm	20 pc	371828

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HSL-3-R (Hexagonal bolt head, stainless steel A4)



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Ordering designation	Anchor size	Drill bit diameter	Fixture thickness, tfix,1	Fixture thickness, tfix,2	Min. drilling depth for fixture thickness, tfix,1	Min. drilling depth for fixture thickness, fix,2	Base plate clearance hole	Required tightening torque	Sales pack quantity	Item number
HSL-3-R M8 20/-/-	M8	12 mm	20 mm	-	80 mm	-	14 mm	25 Nm	40 pc	2159877 ¹⁾
HSL-3-R M8 40/20/-	M8	12 mm	40 mm	20 mm	80 mm	100 mm	14 mm	25 Nm	40 pc	2159878 ¹⁾
HSL-3-R M10 20/-/-	M10	15 mm	20 mm	-	90 mm	-	17 mm	35 Nm	20 pc	2159980 ¹⁾
HSL-3-R M10 40/20/-	M10	15 mm	40 mm	20 mm	90 mm	110 mm	17 mm	35 Nm	20 pc	2159981 ¹⁾
HSL-3-R M12 25/-/-	M12	18 mm	25 mm	-	105 mm	-	20 mm	80 Nm	20 pc	2159983
HSL-3-R M12 50/25/-	M12	18 mm	50 mm	25 mm	105 mm	130 mm	20 mm	80 Nm	10 pc	2159984
HSL-3-R M16 25/-/-	M16	24 mm	25 mm	-	125 mm	-	26 mm	120 Nm	10 pc	2159986
HSL-3-R M16 50/25/-	M16	24 mm	50 mm	25 mm	125 mm	150 mm	26 mm	120 Nm	10 pc	2159987
HSL-3-R M20 30/-/-	M20	28 mm	30 mm	-	155 mm	-	31 mm	200 Nm	6 pc	2159989
HSL-3-R M20 60/30/-	M20	28 mm	60 mm	30 mm	155 mm	185 mm	31 mm	200 Nm	6 pc	2159990

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

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HSL-3-GR (Stud head, stainless steel A4)



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Ordering designation	Anchor size	Drill bit diameter	Fixture thickness, tfix,1	Fixture thickness, tfix,2	Fixture thickness, tfix,3	Min. drilling depth for fixture thickness, tfix,1	Min. drilling depth for fixture thickness, fix,2	Min. drilling depth for fixture thickness, fix,3	Base plate clearance hole	Required tightening torque	Sales pack quantity	Item number
HSL-3-GR M8 20/-/-	M8	12 mm	20 mm	-	-	80 mm	-	-	14 mm	30 Nm	40 pc	2159992 ¹⁾
HSL-3-GR M8 100/80/60	M8	12 mm	100 mm	80 mm	60 mm	80 mm	100 mm	120 mm	14 mm	30 Nm	40 pc	2159994 ¹⁾
HSL-3-GR M10 20/-/-	M10	15 mm	20 mm	-	-	90 mm	-	-	17 mm	50 Nm	20 pc	2159995 ¹⁾
HSL-3-GR M10 100/80/60	M10	15 mm	100 mm	80 mm	60 mm	90 mm	110 mm	130 mm	17 mm	50 Nm	20 pc	2159997 ¹⁾
HSL-3-GR M12 25/-/-	M12	18 mm	25 mm	-	-	105 mm	-	-	20 mm	80 Nm	20 pc	2159998
HSL-3-GR M12 100/75/50	M12	18 mm	100 mm	75 mm	50 mm	105 mm	130 mm	155 mm	20 mm	80 Nm	10 pc	2160000
HSL-3-GR M16 25/-/-	M16	24 mm	25 mm	-	-	125 mm	-	-	26 mm	120 Nm	10 pc	2160001
HSL-3-GR M16 100/75/50	M16	24 mm	100 mm	75 mm	50 mm	125 mm	150 mm	175 mm	26 mm	120 Nm	10 pc	2160003
HSL-3-GR M20 30/-/-	M20	28 mm	30 mm	-	-	155 mm	-	-	31 mm	200 Nm	6 pc	2160004
HSL-3-GR M20 100/70/40	M20	28 mm	100 mm	70 mm	40 mm	155 mm	185 mm	215 mm	31 mm	200 Nm	6 pc	2160006

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

Please visit Hilti website for the latest item numbers and related products

HSL-3-SKR (Countersunk head, stainless steel A4)



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Ordering designation	Anchor size	Drill bit diameter	Fixture thickness	Min. drilling depth	Diameter of countersunk hole in fixture, df	Max. diameter of clearance hole, dh	Required tightening torque	Sales pack quantity	Item number
HSL-3-SKR M8/10	M8	12 mm	10 mm	80 mm	22.5 mm	14 mm	18 Nm	40 pc	2159873 ¹⁾
HSL-3-SKR M8/20	M8	12 mm	20 mm	80 mm	22.5 mm	14 mm	18 Nm	40 pc	2159874 ¹⁾
HSL-3-SKR M10/20	M10	15 mm	20 mm	90 mm	25.5 mm	17 mm	50 Nm	20 pc	2159875 ¹⁾
HSL-3-SKR M12/25	M12	18 mm	25 mm	105 mm	32.9 mm	20 mm	80 Nm	20 pc	2159876 ¹⁾

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

Please visit Hilti website for the latest item numbers and related products

Safety anchor HSC-A (Externally threaded)



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.

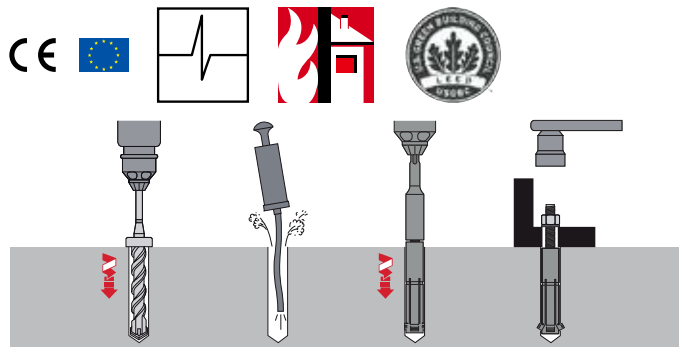
ADVANTAGES

- 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

Approvals

BZS/shock	BZS D 06-601 for HSC self-cutting undercut anchor
ETA	ETA 02/0027 for HSC self-cutting undercut anchor (ETAG 001-03, 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 according to the application.

Technical data

Material composition	(Galvanized) Bolt: steel, 8.8 grade, zinc-plated (min. 5 µm); (Stainless steel) Steel, A4(SS316)
Head configuration	Externally threaded
Type of fastening	Pre-fastening
Additional product information	Meets approval requirements when installed using the specified stop drill bit, setting tool and rotary hammer
Installation direction	All

Technical data

Recommended load (kN), non-cracked concrete at 25N/mm², safety factor(γ)=3

Model	Size	M8x40	M8x50	M10x40	M12x60
HSC-A	Tensile Load, N _{rec}	4.3	5.9	4.3	7.8
	Shear Load, V _{rec}	4.9	4.9	7.7	11.2
HSC-AR	Tensile Load, N _{rec}	4.3	5.9	4.3	7.8
	Shear Load, V _{rec}	4.3	4.3	6.8	9.8

Recommended load (kN), cracked concrete at 25N/mm², safety factor(γ)=3

Model	Size	M8x40	M8x50	M10x40	M12x60
HSC-A	Tensile Load, N _{rec}	3.0	4.2	3.0	5.6
	Shear Load, V _{rec}	4.9	4.9	6.1	11.2
HSC-AR	Tensile Load, N _{rec}	3.0	4.2	3.0	5.6
	Shear Load, V _{rec}	4.3	4.3	6.1	9.8

Remarks:

- 1) All the data applies to no edge distance, spacing and other influences
- 2) For detail design method and cracked concrete information, please refer to Fastening Technology Manual

HSC-A (Galvanized min. 5µm)



Ordering designation	Anchor size	Anchor length	Drill bit diameter	Drilling depth	Anchorage depth	Max. fixture thickness at standard embedment depth	Base plate clearance hole	Required tightening torque	Sales pack quantity	Item number
HSC-A M8x40/15	M8	71.5 mm	14 mm	46 mm	40 mm	15 mm	9 mm	10 Nm	25 pc	31139
HSC-A M8x50/15	M8	81.5 mm	14 mm	56 mm	50 mm	15 mm	9 mm	10 Nm	25 pc	31141
HSC-A M10x40/20	M10	79.5 mm	16 mm	47 mm	40 mm	20 mm	12 mm	20 Nm	25 pc	31140
HSC-A M12x60/20	M12	103.5 mm	18 mm	68 mm	60 mm	20 mm	14 mm	30 Nm	20 pc	15507

Please visit Hilti website for the latest item numbers and related products

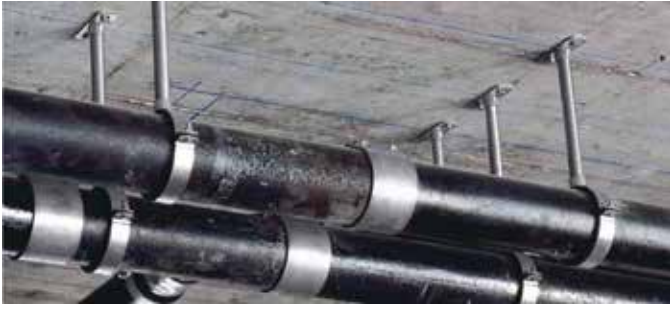
HSC-AR (Stainless steel A4)



Ordering designation	Anchor size	Anchor length	Drill bit diameter	Drilling depth	Anchorage depth	Max. fixture thickness at standard embedment depth	Base plate clearance hole	Required tightening torque	Sales pack quantity	Item number
HSC-AR M8x40/15	M8	71.5 mm	14 mm	46 mm	40 mm	15 mm	9 mm	10 Nm	25 pc	31148
HSC-AR M8x50/15	M8	81.5 mm	14 mm	56 mm	50 mm	15 mm	9 mm	10 Nm	25 pc	31150
HSC-AR M10x40/20	M10	79.5 mm	16 mm	47 mm	40 mm	20 mm	12 mm	20 Nm	25 pc	31149
HSC-AR M12x60/20	M12	103.5 mm	18 mm	68 mm	60 mm	20 mm	14 mm	30 Nm	20 pc	15506

Please visit Hilti website for the latest item numbers and related products

Safety anchor HSC-I (Internally threaded)



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

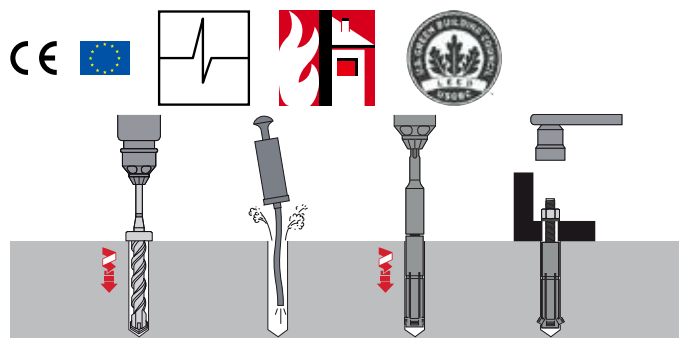
- Shallow embedment depth for thin concrete slabs or where permissible drilling depth is limited
- Combines high working loads with small edge distances and close spacing thanks to very low expansion forces
- Self-undercutting facilitates fast and reliable installation - no separate undercutting tool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

Approvals

BZS/shock BZS D 06-601 for HSC self-cutting undercut anchor

ETA ETA 02/0027 for HSC self-cutting undercut anchor (ETAG 001-03, 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 according to the application.

Technical data

Material composition	(Galvanized) Bolt: steel, 8.8 grade, zinc-plated (min. 5 µm); (Stainless steel) Steel, A4(SS316)
Head configuration	Inner thread
Type of fastening	Pre-fastening
Additional product information	Meets approval requirements when installed using the specified stop drill bit, setting tool and rotary hammer
Installation direction	All

Technical data

Recommended load (kN), non-cracked concrete at 25N/mm², safety factor(γ)=3

Model	Size	M6x40	M8x40	M8x50	M10x40	M12x60
HSC-I	Tensile Load, N _{rec}	4.3	4.3	5.9	7.8	7.8
	Shear Load, V _{rec}	2.7	4.1	5.1	5.1	6.1
HSC-IR	Tensile Load, N _{rec}	4.3	4.3	5.9	7.8	7.8
	Shear Load, V _{rec}	2.3	3.6	4.4	4.4	5.3

Recommended load (kN), cracked concrete at 25N/mm², safety factor(γ)=3

Model	Size	M6x40	M8x40	M8x50	M10x40	M12x60
HSC-I	Tensile Load, N _{rec}	3.0	3.0	4.2	5.6	5.6
	Shear Load, V _{rec}	2.7	4.1	5.1	5.1	6.1
HSC-IR	Tensile Load, N _{rec}	3.0	3.0	4.2	5.6	5.6
	Shear Load, V _{rec}	2.3	3.6	4.4	4.4	5.3

Remarks:

- 1) All the data applies to no edge distance, spacing and other influences
- 2) For detail design method and cracked concrete information, please refer to Fastening Technology Manual

HSC-I (Galvanized min. 5µm)



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Ordering designation	Anchor size	Anchor length	Drill bit diameter	Drilling depth	Anchorage depth	Screw depth Smin/Smax	Base plate clearance hole	Required tightening torque	Sales pack quantity	Item number
HSC-I M6x40	M6	43.0 mm	14 mm	46 mm	40 mm	6/16 mm	7 mm	10 Nm	25 pc	31142
HSC-I M8x40	M8	43.5 mm	16 mm	47 mm	40 mm	8/22 mm	9 mm	10 Nm	25 pc	31143
HSC-I M10x50	M10	54.5 mm	18 mm	56 mm	50 mm	10/28 mm	12 mm	20 Nm	25 pc	31144
HSC-I M10x60	M10	64.5 mm	18 mm	68 mm	60 mm	10/28 mm	12 mm	20 Nm	25 pc	31145 ¹⁾
HSC-I M12x60	M12	64.5 mm	20 mm	69 mm	60 mm	12/30 mm	14 mm	30 Nm	25 pc	31146

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

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HSC-IR (Stainless steel A4)



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Ordering designation	Anchor size	Anchor length	Drill bit diameter	Drilling depth	Anchorage depth	Screw depth Smin/Smax	Base plate clearance hole	Required tightening torque	Sales pack quantity	Item number
HSC-IR M6x40	M6	43.0 mm	14 mm	46 mm	40 mm	6/16 mm	7 mm	10 Nm	25 pc	31151 ¹⁾
HSC-IR M8x40	M8	43.5 mm	16 mm	47 mm	40 mm	8/22 mm	9 mm	10 Nm	25 pc	31152
HSC-IR M10x50	M10	54.5 mm	18 mm	56 mm	50 mm	10/28 mm	12 mm	20 Nm	25 pc	31153
HSC-IR M10x60	M10	64.5 mm	18 mm	68 mm	60 mm	10/28 mm	12 mm	20 Nm	25 pc	31154 ¹⁾
HSC-IR M12x60	M12	64.5 mm	20 mm	69 mm	60 mm	12/30 mm	14 mm	30 Nm	25 pc	31155

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

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Stop drill bit TE-C-HSC-B



SDS plus



APPLICATIONS

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

Technical data

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

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

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Setting tool TE-C-HSC-MW



SDS plus



APPLICATIONS

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

Technical data

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

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

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Stud anchor HST3



BASE MATERIALS

- Concrete (cracked)
- Concrete (uncracked)

APPLICATIONS

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

ADVANTAGES

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

Approvals

BZS/shock BZS D 08-602

ETA, Seismic ETA 98/0001 (ETAG 001-02, 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 according to the application.

Technical data

Material composition	(Galvanized) Steel, zinc-plated (min. 5 µm); (Stainless steel) Steel, A4 (SS316)
Head configuration	Externally threaded
Type of fastening	Pre-fastening, Through-fastening
Approvals / test reports	BZS/shock, ETA, Fire, Seismic

Technical data

Recommended load (kN), non-cracked concrete at 25N/mm², safety factor(γ)=3

Model	Size	M8	M10	M12	M16	M20	M24
HST3	Tensile Load, Nrec	2.5	4.0	6.7	9.4	12.2	13.3
	Shear Load, Vrec	4.6	7.9	11.8	18.4	28.0	31.3
HST3-R	Tensile Load, Nrec	2.5	4.0	6.7	9.4	12.2	13.3
	Shear Load, Vrec	5.2	8.4	12.2	21.2	32.4	38.3

Remarks:

- 1) All the data applies to no edge distance, spacing and other influences
- 2) For detail design method and cracked concrete information, please refer to Fastening Technology Manual

HST3 (Galvanized min. 5 µm)



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Ordering designation	Anchor size	Anchor length	Drill bit diameter	Drill hole depth at embed. 1	Drill hole depth at embed. 2	Max. fixture thickness at embed. 1	Max. fixture thickness at embed. 2	Base plate clearance hole	Required tightening torque	Sales pack quantity	Item number
HST3 M8x75 -/10	M8	75 mm	8 mm	-	60 mm	-	10 mm	9 mm	20 Nm	100 pc	2105888
HST3 M8x95 -/30	M8	95 mm	8 mm	-	60 mm	-	30 mm	9 mm	20 Nm	80 pc	2105889
HST3 M8x115 -/50	M8	115 mm	8 mm	-	60 mm	-	50 mm	9 mm	20 Nm	50 pc	2105890
HST3 M10x70 10/-	M10	70 mm	10 mm	53 mm	-	10 mm	-	9 mm	20 Nm	50 pc	2113974 ¹⁾
HST3 M10x80 20/-	M10	80 mm	10 mm	53 mm	-	20 mm	-	9 mm	20 Nm	50 pc	2113975 ¹⁾
HST3 M10x90 30/10	M10	90 mm	10 mm	53 mm	73 mm	30 mm	10 mm	12 mm	45 Nm	50 pc	2105712
HST3 M10x110 50/30	M10	110 mm	10 mm	53 mm	73 mm	50 mm	30 mm	12 mm	45 Nm	40 pc	2105714
HST3 M10x130 70/50	M10	130 mm	10 mm	53 mm	73 mm	70 mm	50 mm	12 mm	45 Nm	25 pc	2105715
HST3 M10x160 100/80	M10	160 mm	10 mm	53 mm	73 mm	100 mm	80 mm	12 mm	45 Nm	25 pc	2105716 ¹⁾
HST3 M12x85 10/-	M12	85 mm	12 mm	68 mm	-	10 mm	-	14 mm	60 Nm	25 pc	2113978 ¹⁾
HST3 M12x95 20/-	M12	95 mm	12 mm	68 mm	-	20 mm	-	14 mm	60 Nm	25 pc	2113979 ¹⁾
HST3 M12x115 40/20	M12	115 mm	12 mm	68 mm	88 mm	40 mm	20 mm	14 mm	60 Nm	25 pc	2105719
HST3 M12x145 70/50	M12	145 mm	12 mm	68 mm	88 mm	70 mm	50 mm	14 mm	60 Nm	25 pc	2105851
HST3 M12x185 110/90	M12	185 mm	12 mm	68 mm	88 mm	110 mm	90 mm	14 mm	60 Nm	25 pc	2105853
HST3 M12x215 140/120	M12	215 mm	12 mm	68 mm	88 mm	140 mm	120 mm	14 mm	60 Nm	25 pc	2105854 ¹⁾
HST3 M12x235 160/140	M12	235 mm	12 mm	68 mm	88 mm	160 mm	140 mm	14 mm	60 Nm	25 pc	2105855 ¹⁾
HST3 M12x255 180/160	M12	255 mm	12 mm	68 mm	88 mm	180 mm	160 mm	14 mm	60 Nm	25 pc	2105856 ¹⁾
HST3 M16x115 15/-	M16	115 mm	16 mm	86 mm	-	15 mm	-	18 mm	110 Nm	12 pc	2114053 ¹⁾
HST3 M16x145 45/25	M16	145 mm	16 mm	86 mm	106 mm	45 mm	25 mm	18 mm	110 Nm	12 pc	2105859
HST3 M16x170 70/50	M16	170 mm	16 mm	86 mm	106 mm	70 mm	50 mm	18 mm	110 Nm	12 pc	2105860
HST3 M16x220 120/100	M16	220 mm	16 mm	86 mm	106 mm	120 mm	100 mm	18 mm	110 Nm	12 pc	2105861 ¹⁾
HST3 M16x260 160/140	M16	260 mm	16 mm	86 mm	106 mm	160 mm	140 mm	18 mm	110 Nm	12 pc	2105862 ¹⁾
HST3 M20x170 -/30	M20	170 mm	20 mm	-	124 mm	-	30 mm	22 mm	180 Nm	5 pc	2105891
HST3 M20x200 -/60	M20	200 mm	20 mm	-	124 mm	-	60 mm	22 mm	180 Nm	5 pc	2105892
HST3 M20x260 -/120	M20	260 mm	20 mm	-	124 mm	-	120 mm	22 mm	180 Nm	5 pc	2105893 ¹⁾
HST3 M24x200 -/30	M24	200 mm	24 mm	-	151 mm	-	30 mm	26 mm	300 Nm	5 pc	2105894
HST3 M24x230 -/60	M24	230 mm	24 mm	-	151 mm	-	60 mm	26 mm	300 Nm	5 pc	2105895

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

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HST3-R (Stainless Steel A4)



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Ordering designation	Anchor size	Anchor length	Drill bit diameter	Drilling Hole Depth at embed. 1	Drilling Hole Depth at embed. 2	Max. fixture thickness at embed. 1	Max. fixture thickness at embed. 2	Base plate clearance hole	Required tightening torque	Sales pack quantity	Item number
HST3-R M8x75 -/10	M8	75 mm	8 mm	-	60 mm	-	10 mm	9 mm	20 Nm	50 pc	2105896
HST3-R M8x95 -/30	M8	95 mm	8 mm	-	60 mm	-	30 mm	9 mm	20 Nm	50 pc	2105897
HST3-R M8x115 -/50	M8	115 mm	8 mm	-	60 mm	-	50 mm	9 mm	20 Nm	50 pc	2105898
HST3-R M10x70 10/-	M10	70 mm	10 mm	53 mm	-	10 mm	-	12 mm	45 Nm	50 pc	2113976
HST3-R M10x80 20/-	M10	80 mm	10 mm	53 mm	-	20 mm	-	12 mm	45 Nm	50 pc	2113977
HST3-R M10x90 30/10	M10	90 mm	10 mm	53 mm	73 mm	30 mm	10 mm	12 mm	45 Nm	50 pc	2105864
HST3-R M10x110 50/30	M10	110 mm	10 mm	53 mm	73 mm	50 mm	30 mm	12 mm	45 Nm	40 pc	2105866
HST3-R M10x130 70/50	M10	130 mm	10 mm	53 mm	73 mm	70 mm	50 mm	12 mm	45 Nm	25 pc	2105867
HST3-R M10x160 100/80	M10	160 mm	10 mm	53 mm	73 mm	100 mm	80 mm	12 mm	45 Nm	25 pc	2105868
HST3-R M12x85 10/-	M12	85 mm	12 mm	68 mm	-	10 mm	-	14 mm	60 Nm	25 pc	2114051
HST3-R M12x95 20/-	M12	95 mm	12 mm	68 mm	-	20 mm	-	14 mm	60 Nm	25 pc	2114052
HST3-R M12x115 40/20	M12	115 mm	12 mm	68 mm	88 mm	40 mm	20 mm	14 mm	60 Nm	25 pc	2105870
HST3-R M12x145 70/50	M12	145 mm	12 mm	68 mm	88 mm	70 mm	50 mm	14 mm	60 Nm	25 pc	2105872
HST3-R M12x185 110/90	M12	185 mm	12 mm	68 mm	88 mm	110 mm	90 mm	14 mm	60 Nm	25 pc	2105874

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

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Ordering designation	Anchor size	Anchor length	Drill bit diameter	Drilling Hole Depth at embed. 1	Drilling Hole Depth at embed. 2	Max. fixture thickness at embed. 1	Max. fixture thickness at embed. 2	Base plate clearance hole	Required tightening torque	Sales pack quantity	Item number
HST3-R M12x215 140/120	M12	215 mm	12 mm	68 mm	88 mm	140 mm	120 mm	14 mm	60 Nm	25 pc	2105875
HST3-R M16x115 15/-	M16	115 mm	16 mm	86 mm	-	15 mm	-	18 mm	110 Nm	12 pc	2114057
HST3-R M16x145 45/25	M16	145 mm	16 mm	86 mm	106 mm	45 mm	25 mm	18 mm	110 Nm	12 pc	2105877
HST3-R M16x170 70/50	M16	170 mm	16 mm	86 mm	106 mm	70 mm	50 mm	18 mm	110 Nm	12 pc	2105878
HST3-R M16x220 120/100	M16	220 mm	16 mm	86 mm	106 mm	120 mm	100 mm	18 mm	110 Nm	12 pc	2105879
HST3-R M16x260 160/140	M16	260 mm	16 mm	86 mm	106 mm	160 mm	140 mm	18 mm	110 Nm	12 pc	2105880¹⁾
HST3-R M16x300 200/180	M16	300 mm	16 mm	86 mm	106 mm	200 mm	180 mm	18 mm	110 Nm	12 pc	2105881¹⁾
HST3-R M20X170 -/30	M20	170 mm	20 mm	-	124 mm	-	30 mm	22 mm	180 Nm	5 pc	2105899
HST3-R M20X200 -/60	M20	200 mm	20 mm	-	124 mm	-	60 mm	22 mm	180 Nm	5 pc	2105900
HST3-R M24X200 -/30	M24	200 mm	24 mm	-	151 mm	-	30 mm	26 mm	300 Nm	5 pc	2105901
HST3-R M24X230 -/60	M24	230 mm	24 mm	-	151 mm	-	60 mm	26 mm	300 Nm	5 pc	2105902¹⁾

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

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Standard stud anchor HSA



BASE MATERIALS

- Concrete (uncracked)

APPLICATIONS

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

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
- 3 embedment depths offering maximum flexibility
- Suitable for pre-setting and through-fastening in uncracked concrete

Approvals

ETA ETA 11/0374 for HSA stud anchor (ETAG 001-02, Option 7)

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



Watch Video



These are abbreviated instructions which may vary according to the application.

Technical data	
Material composition	(Galvanized) Steel, zinc-plated (min. 5 µm); (Hot-dip galvanized) Steel, hot-dip galvanized (min. 5 µm); (Stainless steel) Steel, A4(SS316), A2(SS304)
Head configuration	Externally threaded
Type of fastening	Pre-fastening, Through-fastening
Approvals / test reports	ETA, Fire

Recommended load (kN), non-cracked concrete at 25N/mm², safety factor(γ)=3

Model	Size	M6	M8	M10	M12	M16	M20
HSA (standard embedment)	Tensile Load, Nrec	2.5	4.2	5.9	8.8	12.0	16.8
	Shear Load, Vrec	2.1	3.5	6.3	9.8	17.0	28.6
HSA-R/R2 (standard embedment)	Tensile Load, Nrec	2.5	4.2	5.9	8.8	12.0	16.8
	Shear Load, Vrec	2.4	4.1	7.5	9.7	18.8	30.6

Remarks:

- 1) All the data applies to no edge distance, spacing and other influences
- 2) For detail design method and cracked concrete information, please refer to Fastening Technology Manual

HSA (Galvanized min. 5µm)



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Ordering designation	Anchor size	Anchor length	Drill bit diameter	Drill. hole depth at embed.1	Drill. hole depth at embed.2	Drill. hole depth at embed.3	Fastening thickness at embed.1	Fastening thickness at embed.2	Fastening thickness at embed.3	Base plate clearance hole	Required tightening torque	Sales pack quantity	Item number
HSA M6x50 5/-/-	M6	50 mm	6 mm	42 mm	-	-	5 mm	-	-	7 mm	5 Nm	200 pc	2036084
HSA M6x65 20/10/-	M6	65 mm	6 mm	42 mm	52 mm	-	20 mm	10 mm	-	7 mm	5 Nm	200 pc	2036085
HSA M6x85 40/30/10	M6	85 mm	6 mm	42 mm	52 mm	72 mm	40 mm	30 mm	10 mm	7 mm	5 Nm	100 pc	2036086
HSA M6x100 55/45/25	M6	100 mm	6 mm	42 mm	52 mm	72 mm	55 mm	45 mm	25 mm	7 mm	5 Nm	100 pc	2036087
HSA M8x55 5/-/-	M8	54.5 mm	8 mm	44 mm	-	-	5 mm	-	-	9 mm	15 Nm	100 pc	2004122
HSA M8x70 20/10/-	M8	69.5 mm	8 mm	44 mm	54 mm	-	20 mm	10 mm	-	9 mm	15 Nm	100 pc	2004123
HSA M8x85 35/25/-	M8	84.5 mm	8 mm	44 mm	54 mm	-	35 mm	25 mm	-	9 mm	15 Nm	80 pc	2004124
HSA M8x105 55/45/15	M8	104.5 mm	8 mm	44 mm	54 mm	84 mm	55 mm	45 mm	15 mm	9 mm	15 Nm	50 pc	2004125
HSA M8x130 80/70/40	M8	129.5 mm	8 mm	44 mm	54 mm	84 mm	80 mm	70 mm	40 mm	9 mm	15 Nm	50 pc	2004126 ¹⁾
HSA M10x68 5/-/-	M10	68 mm	10 mm	55 mm	-	-	5 mm	-	-	12 mm	25 Nm	50 pc	2004127
HSA M10x83 20/10/-	M10	83 mm	10 mm	55 mm	65 mm	-	20 mm	10 mm	-	12 mm	25 Nm	50 pc	2004128
HSA M10x98 35/25/-	M10	98 mm	10 mm	55 mm	65 mm	-	35 mm	25 mm	-	12 mm	25 Nm	40 pc	2004129
HSA M10x113 50/40/10	M10	113 mm	10 mm	55 mm	65 mm	95 mm	50 mm	40 mm	10 mm	12 mm	25 Nm	40 pc	2004150
HSA M10x133 70/60/30	M10	133 mm	10 mm	55 mm	65 mm	95 mm	70 mm	60 mm	30 mm	12 mm	25 Nm	25 pc	2004151 ¹⁾
HSA M10x153 90/80/50	M10	153 mm	10 mm	55 mm	65 mm	95 mm	90 mm	80 mm	50 mm	12 mm	25 Nm	25 pc	2004152
HSA M10x168 105/95/65	M10	168 mm	10 mm	55 mm	65 mm	95 mm	105 mm	95 mm	65 mm	12 mm	25 Nm	25 pc	2004153 ¹⁾
HSA M12x85 5/-/-	M12	84.5 mm	12 mm	72 mm	-	-	5 mm	-	-	14 mm	50 Nm	25 pc	2004154
HSA M12x100 20/5/-	M12	99.5 mm	12 mm	72 mm	87 mm	-	20 mm	5 mm	-	14 mm	50 Nm	25 pc	2004155
HSA M12x115 35/20/-	M12	114.5 mm	12 mm	72 mm	87 mm	-	35 mm	20 mm	-	14 mm	50 Nm	25 pc	2004156
HSA M12x145 65/50/15	M12	144.5 mm	12 mm	72 mm	87 mm	122 mm	65 mm	50 mm	15 mm	14 mm	50 Nm	25 pc	2004157
HSA M12x175 95/80/45	M12	174.5 mm	12 mm	72 mm	87 mm	122 mm	95 mm	80 mm	45 mm	14 mm	50 Nm	25 pc	2004158
HSA M12x205 25/110/75	M12	204.5 mm	12 mm	72 mm	87 mm	122 mm	125 mm	110 mm	75 mm	14 mm	50 Nm	25 pc	2004159 ¹⁾
HSA M12x225 45/130/95	M12	224.5 mm	12 mm	72 mm	87 mm	122 mm	145 mm	130 mm	95 mm	14 mm	50 Nm	25 pc	2004160 ¹⁾
HSA M16x102 5/-/-	M16	101.5 mm	16 mm	85 mm	-	-	5 mm	-	-	18 mm	80 Nm	16 pc	2004161
HSA M16x117 20/5/-	M16	116.5 mm	16 mm	85 mm	100 mm	-	20 mm	25 mm	-	18 mm	80 Nm	16 pc	2004162
HSA M16x137 40/25/-	M16	136.5 mm	16 mm	85 mm	100 mm	-	40 mm	25 mm	-	18 mm	80 Nm	16 pc	2004163
HSA M16x182 85/70/30	M16	181.5 mm	16 mm	85 mm	100 mm	140 mm	85 mm	70 mm	30 mm	18 mm	80 Nm	16 pc	2004164
HSA M16x232 35/120/80	M16	231.5 mm	16 mm	85 mm	100 mm	140 mm	135 mm	120 mm	80 mm	18 mm	80 Nm	16 pc	2004165
HSA M20x125 10/-/-	M20	125 mm	20 mm	98 mm	-	-	10 mm	-	-	22 mm	200 Nm	10 pc	2036088
HSA M20x170 55/30/-	M20	170 mm	20 mm	98 mm	123 mm	138 mm	55 mm	30 mm	15 mm	22 mm	200 Nm	10 pc	2036089

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

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HSA-F (Hot-dip galvanized min. 35µm)



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Ordering designation	Anchor size	Anchor length	Drill bit diameter	Drilling Hole Depth at embed. 1	Drilling Hole Depth at embed. 2	Drilling Hole Depth at embed. 3	Fastening thickness at embed.1	Fastening thickness at embed.2	Fastening thickness at embed.3	Base plate clearance hole	Required tightening torque	Sales pack quantity	Item number
HSA-F M8x55 5/-/-	M8	54.5 mm	8 mm	44 mm	-	-	5 mm	-	-	9 mm	15 Nm	100 pc	2004113
HSA-F M8x70 20/10/-	M8	69.5 mm	8 mm	44 mm	54 mm	-	20 mm	10 mm	-	9 mm	15 Nm	100 pc	2004114
HSA-F M8x85 35/25/-	M8	84.5 mm	8 mm	44 mm	54 mm	-	35 mm	25 mm	-	9 mm	15 Nm	80 pc	2004115
HSA-F M8x105 55/45/15	M8	104.5 mm	8 mm	44 mm	54 mm	84 mm	55 mm	45 mm	15 mm	9 mm	15 Nm	50 pc	2004116 ¹⁾
HSA-F M8x130 80/70/40	M8	129.5 mm	8 mm	44 mm	54 mm	84 mm	80 mm	70 mm	40 mm	9 mm	15 Nm	50 pc	2004117 ¹⁾
HSA-F M10x68 5/-/-	M10	68 mm	10 mm	55 mm	-	-	5 mm	-	-	12 mm	25 Nm	50 pc	2004118 ¹⁾
HSA-F M10x83 20/10/-	M10	83 mm	10 mm	55 mm	65 mm	-	20 mm	10 mm	-	12 mm	25 Nm	50 pc	2004119
HSA-F M10x98 35/25/-	M10	98 mm	10 mm	55 mm	65 mm	-	35 mm	25 mm	-	12 mm	25 Nm	40 pc	2004170 ¹⁾
HSA-F M10x113 50/40/10	M10	113 mm	10 mm	55 mm	65 mm	95 mm	50 mm	40 mm	10 mm	12 mm	25 Nm	40 pc	2004171
HSA-F M12x85 5/-/-	M12	84.5 mm	12 mm	72 mm	-	-	5 mm	-	-	14 mm	50 Nm	25 pc	2004172
HSA-F M12x100 20/5/-	M12	99.5 mm	12 mm	72 mm	87 mm	-	20 mm	5 mm	-	14 mm	50 Nm	25 pc	2004173
HSA-F M12x115 35/20/-	M12	114.5 mm	12 mm	72 mm	87 mm	-	35 mm	20 mm	-	14 mm	50 Nm	25 pc	2004174
HSA-F M12x145 65/50/15	M12	144.5 mm	12 mm	72 mm	87 mm	122 mm	65 mm	50 mm	15 mm	14 mm	50 Nm	25 pc	2004175
HSA-F M12x225 145/130/95	M12	224.5 mm	12 mm	72 mm	87 mm	122 mm	145 mm	130 mm	95 mm	14 mm	50 Nm	25 pc	2004176 ¹⁾
HSA-F M16x102 5/-/-	M16	101.5 mm	16 mm	85 mm	-	-	5 mm	-	-	18 mm	80 Nm	16 pc	2004177 ¹⁾
HSA-F M16x137 40/25/-	M16	136.5 mm	16 mm	85 mm	100 mm	-	40 mm	25 mm	-	18 mm	80 Nm	16 pc	2004178
HSA-F M16x182 85/70/30	M16	181.5 mm	16 mm	85 mm	100 mm	140 mm	85 mm	70 mm	30 mm	18 mm	80 Nm	16 pc	2004179
HSA-F M20x125 10/-/-	M20	125 mm	20 mm	98 mm	-	-	10 mm	-	-	22 mm	200 Nm	10 pc	2036312 ¹⁾
HSA-F M20x170 55/30/-	M20	170 mm	20 mm	98 mm	123 mm	138 mm	55 mm	30 mm	15 mm	22 mm	200 Nm	10 pc	2036313

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

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HSA-R (Stainless steel A4)



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Ordering designation	Anchor size	Anchor length	Drill bit diameter	Drilling Hole Depth at embed. 1	Drilling Hole Depth at embed. 2	Drilling Hole Depth at embed. 3	Fastening thickness at embed.1	Fastening thickness at embed.2	Fastening thickness at embed.3	Base plate clearance hole	Required tightening torque	Sales pack quantity	Item number
HSA-R M6x50 5/-/-	M6	50 mm	6 mm	42 mm	-	-	5 mm	-	-	7 mm	5 Nm	200 pc	2036314
HSA-R M6x65 20/10/-	M6	65 mm	6 mm	42 mm	52 mm	-	20 mm	10 mm	-	7 mm	5 Nm	200 pc	2036315
HSA-R M6x85 40/30/10	M6	85 mm	6 mm	42 mm	52 mm	72 mm	40 mm	30 mm	10 mm	7 mm	5 Nm	100 pc	2036316
HSA-R M8x55 5/-/-	M8	54.5 mm	8 mm	44 mm	-	-	5 mm	-	-	9 mm	15 Nm	100 pc	2004197
HSA-R M8x70 20/10/-	M8	69.5 mm	8 mm	44 mm	54 mm	-	20 mm	10 mm	-	9 mm	15 Nm	100 pc	2004198
HSA-R M8x85 35/25/-	M8	84.5 mm	8 mm	44 mm	54 mm	-	35 mm	25 mm	-	9 mm	15 Nm	80 pc	2004199
HSA-R M8x105 55/45/15	M8	104.5 mm	8 mm	44 mm	54 mm	84 mm	55 mm	45 mm	15 mm	9 mm	15 Nm	50 pc	2004200
HSA-R M10x68 5/-/-	M10	68 mm	10 mm	55 mm	-	-	5 mm	-	-	12 mm	25 Nm	50 pc	2004201
HSA-R M10x83 20/10/-	M10	83 mm	10 mm	55 mm	65 mm	-	20 mm	10 mm	-	12 mm	25 Nm	50 pc	2004202
HSA-R M10x98 35/25/-	M10	98 mm	10 mm	55 mm	65 mm	-	35 mm	25 mm	-	12 mm	25 Nm	40 pc	2004203
HSA-R M10x113 50/40/10	M10	113 mm	10 mm	55 mm	65 mm	95 mm	50 mm	40 mm	10 mm	12 mm	25 Nm	40 pc	2004204
HSA-R M10x133 70/60/30	M10	133 mm	10 mm	55 mm	65 mm	95 mm	70 mm	60 mm	30 mm	12 mm	25 Nm	25 pc	2004205 ¹⁾
HSA-R M10x153 90/80/50	M10	153 mm	10 mm	55 mm	65 mm	95 mm	90 mm	80 mm	50 mm	12 mm	25 Nm	25 pc	2004206 ¹⁾
HSA-R M12x85 5/-/-	M12	84.5 mm	12 mm	72 mm	-	-	5 mm	-	-	14 mm	50 Nm	25 pc	2004207
HSA-R M12x100 20/5/-	M12	99.5 mm	12 mm	72 mm	87 mm	-	20 mm	5 mm	-	14 mm	50 Nm	25 pc	2004208
HSA-R M12x115 35/20/-	M12	114.5 mm	12 mm	72 mm	87 mm	-	35 mm	20 mm	-	14 mm	50 Nm	25 pc	2004209
HSA-R M12x145 65/50/15	M12	144.5 mm	12 mm	72 mm	87 mm	122 mm	65 mm	50 mm	15 mm	14 mm	50 Nm	25 pc	2004210 ¹⁾
HSA-R M12x175 95/80/45	M12	174.5 mm	12 mm	72 mm	87 mm	122 mm	95 mm	80 mm	45 mm	14 mm	50 Nm	25 pc	2004211 ¹⁾
HSA-R M12x205 125/110/75	M12	204.5 mm	12 mm	72 mm	87 mm	122 mm	125 mm	110 mm	75 mm	14 mm	50 Nm	25 pc	2004212 ¹⁾
HSA-R M12x225 145/130/95	M12	224.5 mm	12 mm	72 mm	87 mm	122 mm	145 mm	130 mm	95 mm	14 mm	50 Nm	25 pc	2004213 ¹⁾
HSA-R M16x102 5/-/-	M16	101.5 mm	16 mm	85 mm	-	-	5 mm	-	-	18 mm	80 Nm	16 pc	2004214
HSA-R M16x117 20/5/-	M16	116.5 mm	16 mm	85 mm	100 mm	-	20 mm	25 mm	-	18 mm	80 Nm	16 pc	2004215 ¹⁾
HSA-R M16x137 40/25/-	M16	136.5 mm	16 mm	85 mm	100 mm	-	40 mm	25 mm	-	18 mm	80 Nm	16 pc	2004216
HSA-R M16x182 85/70/30	M16	181.5 mm	16 mm	85 mm	100 mm	140 mm	85 mm	70 mm	30 mm	18 mm	80 Nm	16 pc	2004217
HSA-R M20x125 10/-/-	M20	125 mm	20 mm	98 mm	-	-	10 mm	-	-	22 mm	200 Nm	10 pc	2036317 ¹⁾
HSA-R M20x170 55/30/-	M20	170 mm	20 mm	98 mm	123 mm	138 mm	55 mm	30 mm	15 mm	22 mm	200 Nm	10 pc	2036318 ¹⁾

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

Please visit Hilti website for the latest item numbers and related products



HSA-R2 (Stainless steel A2)



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Ordering designation	Anchor size	Drill bit diameter	Fastening thickness at embed.2	Base plate clearance hole	Required tightening torque	Sales pack quantity	Item number
HSA-R2 M8x70 20/10/-	M8	8 mm	10 mm	9 mm	15 Nm	100 pc	2004218
HSA-R2 M10x83 20/10/-	M10	10 mm	10 mm	12 mm	25 Nm	50 pc	2004219
HSA-R2 M12x100 20/5/-	M12	12 mm	5 mm	14 mm	50 Nm	25 pc	2004220
HSA-R2 M12x115 35/20/-	M12	12 mm	20 mm	14 mm	50 Nm	25 pc	2004221 ¹⁾
HSA-R2 M16x137 40/25/-	M16	16 mm	40 mm	18 mm	80 Nm	16 pc	2004222

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

Please visit Hilti website for the latest item numbers and related products

Torque bar S-TB

APPLICATIONS

- For setting HSA stud anchors with maximum accuracy and productivity



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

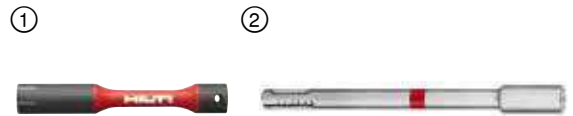
Ordering designation	Drive connection	Drive head	Material coating/plating/finish	Material composition	Tool type	Base material	Connection end size	Sales pack quantity	Item number
S-TB HSA M8	1/2 in square, female	1/2 in, square, male	Black	Impact-grade chrome molybdenum steel	Impact tools, SIW	Concrete (uncracked)	12.7 mm	1 pc	423774
S-TB HSA M10	1/2 in square, female	1/2 in, square, male	Black	Impact-grade chrome molybdenum steel	Impact tools, SIW	Concrete (uncracked)	12.7 mm	1 pc	423775
S-TB HSA M12	1/2 in square, female	1/2 in, square, male	Black	Impact-grade chrome molybdenum steel	Impact tools, SIW	Concrete (uncracked)	12.7 mm	1 pc	423776
S-TB HSA M16	1/2 in square, female	1/2 in, square, male	Black	Impact-grade chrome molybdenum steel	Impact tools, SIW	Concrete (uncracked)	12.7 mm	1 pc	423777

Please visit Hilti website for the latest item numbers and related products

Setting tool and torque bar



Fleet Management



Order designation	Description	Outside diameter	Length	Package	Item no.
SIW 14-A 1.6AH	SIW 14-A lithium cordless impact wrench (14.4v 2 batteries, 1 charger) For M8-M12	-	-	1 pc	3485630
SIW 14-A 3.3AH	SIW 14-A lithium cordless impact wrench (14.4v 2 batteries, 1 charger) For M8-M12	-	-	1 pc	3485631
SIW 22T-A 3.3AH	SIW 22T-A lithium cordless impact wrench (21.6v 2 batteries, 1 charger) For M16	-	-	1 pc	3469136
S-TB HSA M8	Torque bar S-TB HSA M8 (For HSA/HSA-R M8)	20 mm	215 mm	1 pc	423774
S-TB HSA M10 ①	Torque bar S-TB HSA M10 (For HSA/HSA-R M10)	26 mm	174 mm	1 pc	423775
S-TB HSA M12	Torque bar S-TB HSA M12 (For HSA/HSA-R M12)	28 mm	174 mm	1 pc	423776
S-TB HSA M16	Torque bar S-TB HSA M16 (For HSA/HSA-R M16)	34 mm	174 mm	1 pc	423777
HS-SC M8-M16 ②	Setting tool HS-SC M8-M16	-	-	1 pc	2051443

Please visit Hilti website for the latest item numbers and related products

Screw anchor HUS3



BASE MATERIALS

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

APPLICATIONS

- Railings and handrails
- Structural steel
- Formwork and bracing
- Temporary applications
- Base plate fastening in steel and metal applications

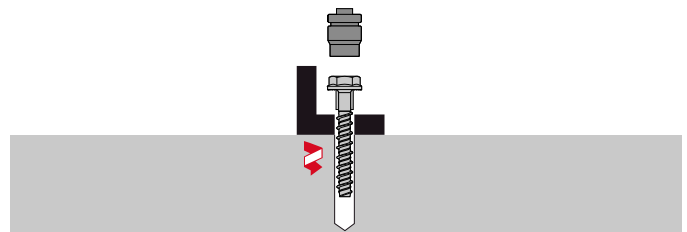
ADVANTAGES

- Higher productivity - less drilling and fewer operations than with conventional anchors
- Reduced edge and spacing distances
- Hex bolt head style for convenient installation using the SIW 22T-A impact wrench
- Adjustable screw
- For use in both cracked and uncracked concrete
- Reusable (applicable for HUS3-H/-C 8, 10 and HUS3-H 14)

Approvals

ETA, Seismic ETA-13/1038 for HUS3 screw anchor

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



These are abbreviated instructions which may vary according to the application.

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8

Technical data

Material composition	Steel, zinc-plated (min. 5 µm)
Material, corrosion	Carbon steel
Suitable for cracked concrete with redundant fastenings	Yes

Recommended load (kN), non-cracked concrete at 25N/mm², safety factor(γ)=3

Model	Size	M6	M8	M10	M14 (HUS3-H only)
Standard embedment depth		55	60	75	85
HUS3-H/C	Tensile Load, N _{rec}	3.0	4.0	6.7	9.1
	Shear Load, V _{rec}	4.2	5.7	9.3	15.0

Recommended load (kN), cracked concrete at 25N/mm², safety factor(γ)=3

Model	Size	M6	M8	M10	M14 (HUS3-H only)
Standard embedment depth		-	60	75	85
HUS3-H/C	Tensile Load, N _{rec}	3)	3.0	5.4	6.5
	Shear Load, V _{rec}	3)	5.7	9.3	13.0

Remarks:

- 1) All the data applies to no edge distance, spacing and other influences
- 2) For detail design method, please refer to Fastening Technology Manual
- 3) For redundant fastening only, please contact Hilti for technical assistance

HUS3-H (Hexagon head, galvanized min. 5um)



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Ordering designation	Anchor size	Drill bit diameter	Drilling Hole Depth at embed. 2	Fastening thickness at embed.2	Base plate clearance hole	Sales pack quantity	Item number
HUS3-H 6x40/5	6	6 mm	-	-	9 mm	100 pc	416735
HUS3-H 6x60/5/25	6	6 mm	65 mm	5 mm	9 mm	100 pc	416736 ¹⁾
HUS3-H 6x80/25/45	6	6 mm	65 mm	25 mm	9 mm	100 pc	416737 ¹⁾
HUS3-H 6x100/45/65	6	6 mm	65 mm	45 mm	9 mm	100 pc	416738 ¹⁾
HUS3-H 6x120/65/85	6	6 mm	65 mm	65 mm	9 mm	100 pc	416739 ¹⁾
HUS3-H 8x55 5/-/-	8	8 mm	-	-	12 mm	50 pc	2079794
HUS3-H 8x65 15/5/-	8	8 mm	70 mm	5 mm	12 mm	50 pc	2079795
HUS3-H 8x75 25/15/5	8	8 mm	70 mm	15 mm	12 mm	50 pc	2079796
HUS3-H 8x85 35/25/15	8	8 mm	70 mm	25 mm	12 mm	50 pc	2079797
HUS3-H 8x100 50/40/30	8	8 mm	70 mm	40 mm	12 mm	50 pc	2079798 ¹⁾
HUS3-H 8x120 70/60/50	8	8 mm	70 mm	60 mm	12 mm	50 pc	2079799 ¹⁾
HUS3-H 8x150 100/90/80	8	8 mm	70 mm	90 mm	12 mm	50 pc	2079910 ¹⁾
HUS3-H 10x60 5/-/-	10	10 mm	-	-	14 mm	50 pc	2079911 ¹⁾
HUS3-H 10x70 15/-/-	10	10 mm	-	-	14 mm	50 pc	2079912
HUS3-H 10x80 25/5/-	10	10 mm	85 mm	5 mm	14 mm	50 pc	2079913
HUS3-H 10x90 35/15/5	10	10 mm	85 mm	15 mm	14 mm	50 pc	2079914
HUS3-H 10x100 45/25/15	10	10 mm	85 mm	25 mm	14 mm	50 pc	2079915
HUS3-H 10x110 55/35/25	10	10 mm	85 mm	35 mm	14 mm	50 pc	2079916
HUS3-H 10x130 75/55/45	10	10 mm	85 mm	55 mm	14 mm	50 pc	2079917 ¹⁾
HUS3-H 10x150 95/75/65	10	10 mm	85 mm	75 mm	14 mm	50 pc	2079918
HUS3-H 14x75 10/-/-	14	14 mm	-	-	18 mm	16 pc	2079921 ¹⁾
HUS3-H 14x100 35/15/-	14	14 mm	95 mm	15 mm	18 mm	16 pc	2079922
HUS3-H 14x130 65/45/15	14	14 mm	95 mm	45 mm	18 mm	16 pc	2079923
HUS3-H 14x150 85/65/35	14	14 mm	95 mm	65 mm	18 mm	16 pc	2079924

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

Please visit Hilti website for the latest item numbers and related products

HUS3-C (Countersunk torx head, galvanized min. 5um)



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Ordering designation	Anchor size	Drill bit diameter	Drilling Depth at embed. 2	Fastening thickness at embed.2	Base plate clearance hole	Bit size	Sales pack quantity	Item number
HUS3-C 6x40 /5	6	6 mm	35 mm	5 mm	9 mm	T30	100 pc	2119774
HUS3-C 6x60 /5/25	6	6 mm	55 mm	5 mm	9 mm	T30	100 pc	2119775
HUS3-C 6x70 /15/35	6	6 mm	55 mm	15 mm	9 mm	T30	100 pc	2119776
HUS3-C 8x65 15/-/-	8	8 mm	-	-	12 mm	T45	50 pc	2079931
HUS3-C 8x75 25/15/-	8	8 mm	70 mm	15 mm	12 mm	T45	50 pc	2079932
HUS3-C 8x85 35/25/15	8	8 mm	70 mm	25 mm	12 mm	T45	50 pc	2079933
HUS3-C 10x70 15/-/-	10	10 mm	-	-	14 mm	T50	50 pc	2079934
HUS3-C 10x90 35/15/-	10	10 mm	85 mm	15 mm	14 mm	T50	50 pc	2079935
HUS3-C 10x100 45/25/15	10	10 mm	85 mm	25 mm	-	T50	50 pc	2079936 ¹⁾

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

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HUS3-I (Internally threaded, galvanized min. 5um)



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Ordering designation	Anchor size	Drill bit diameter	Drilling Depth at embed. 2	Fastening thickness at embed.2	Sales pack quantity	Item number
HUS3-I 6x35 M8/M10	6	6 mm	45 mm	-	100 pc	416740 ¹⁾
HUS3-I 6x35 M8/M10 bucket	6	6 mm	45 mm	-	300 pc	428662 ¹⁾
HUS3-I 6x55 M8/M10	6	6 mm	45 mm	20 mm	100 pc	423180

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

Please visit Hilti website for the latest item numbers and related products

HUS3-A (Externally threaded, galvanized min. 5um)



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Ordering designation	Anchor size	Drill bit diameter	Drilling Depth at embed. 2	Fastening thickness at embed.2	Sales pack quantity	Item number
HUS3-A 6x35 M8 /16	6	6 mm	45 mm	-	100 pc	416741
HUS3-A 6x35 M10 /21	6	6 mm	45 mm	-	100 pc	416742
HUS3-A 6x55 M8 /16	6	6 mm	45 mm	20 mm	100 pc	416743
HUS3-A 6x55 M10 /21	6	6 mm	45 mm	20 mm	100 pc	416744

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HUS3-P (Pan head, galvanized min. 5um)



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Ordering designation	Anchor size	Drill bit diameter	Drilling Depth at embed. 2	Fastening thickness at embed.2	Base plate clearance hole	Sales pack quantity	Item number
HUS3-P 6x40 /5	6	6 mm	45 mm	5 mm	9 mm	100 pc	416745 ¹⁾
HUS3-P 6x60 /5/25	6	6 mm	45 mm	5 mm	9 mm	100 pc	416746 ¹⁾
HUS3-P 6x80 /25/45	6	6 mm	45 mm	25 mm	9 mm	100 pc	416747 ¹⁾

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

Please visit Hilti website for the latest item numbers and related products

HUS3 setting tools and accessories



Ordering designation	Corresponding anchor	Sales pack quantity	Item number
SIW 22T-A-3.3AH (21.6V, 2x 3.3Ah BATTERIES, 1x STANDARD CHARGER)	-	1 pc	3469136
IMPACT SOCKET SI-SA 1/2" - 7/16" HEX	-	1 pc	2094451
CHECK GAUGE HRG 8	HUS3-H/C 8	1 pc	2092003
CHECK GAUGE HRG 10	HUS3-H/C 10	1 pc	2090674
CHECK GAUGE HRG 14	HUS3-H 14	1 pc	2090675
DRIVER BIT S-SY TX45 35 HUS (5)	-	5 pc	2094673
DRIVER BIT S-SY TX50 35 HUS (5)	-	5 pc	2094675

Please visit Hilti website for the latest item numbers and related products

Screw anchor HUS (Stainless steel)



BASE MATERIALS

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

APPLICATIONS

- Tunnel construction
- Anchoring facade panels
- Installing railings

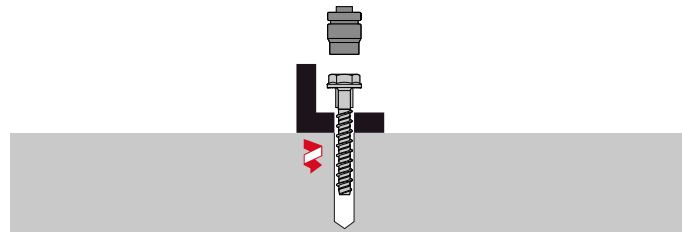
ADVANTAGES

- 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
- For use in both cracked and uncracked concrete

Approvals

ETA, Fire resistance ETA 08/0307 for HUS screw anchor single point

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



These are abbreviated instructions which may vary according to the application.

Technical data

Material composition	Steel, A4 (SS316)
Material, corrosion	Steel, stainless
Type of fastening	Through-fastening
Approvals / test reports	ETA, Fire
Suitable for cracked concrete with redundant fastenings	Yes

Recommended load (kN), non-cracked concrete at 25N/mm², safety factor(γ)=3

Model	Size	M6	M8	M10	M14 (HUS-HR only)
Standard embedment depth		55	80	90	110
HUS-HR/CR	Tensile Load, N _{rec}	3.0	5.3	8.3	13.4
	Shear Load, V _{rec}	5.7	8.7	11.0	25.7

Recommended load (kN), cracked concrete at 25N/mm², safety factor(γ)=3

Model	Size	M6	M8	M10	M14 (HUS-HR only)
Standard embedment depth		55	80	90	110
HUS-HR/CR	Tensile Load, N _{rec}	3)	4.0	5.3	8.3
	Shear Load, V _{rec}	3)	8.7	11.0	19.1

Remarks:

- 1) All the data applies to no edge distance, spacing and other influences
- 2) For detail design method, please refer to Fastening Technology Manual
- 3) For redundant fastening only, please contact Hilti for technical assistance

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HUS-HR (Hexagon head, stainless steel A4)



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Ordering designation	Anchor size	Drill bit diameter	Drilling Depth at embed. 2	Fastening thickness at embed.2	Base plate clearance hole	Sales pack quantity	Item number
HUS-HR 6x35 5/-/-	6	6 mm	-	-	9 mm	50 pc	290005
HUS-HR 6x45 15/-	6	6 mm	-	-	9 mm	50 pc	290011
HUS-HR 6x60 30/5/-	6	6 mm	65 mm	5 mm	9 mm	50 pc	290014 ¹⁾
HUS-HR 6x70 40/15	6	6 mm	65 mm	15 mm	9 mm	50 pc	290015 ¹⁾
HUS-HR 8x55 5/-/-	8	8 mm	-	-	12 mm	25 pc	290029 ¹⁾
HUS-HR 8x65 15/5/-	8	8 mm	70 mm	5 mm	12 mm	25 pc	290030 ¹⁾
HUS-HR 8x75 25/15/-	8	8 mm	70 mm	15 mm	12 mm	25 pc	290031
HUS-HR 8x85 35/25/5	8	8 mm	70 mm	25 mm	12 mm	25 pc	290032 ¹⁾
HUS-HR 8x95 45/35/15	8	8 mm	70 mm	35 mm	12 mm	20 pc	290033
HUS-HR 8x105 55/45/25	8	8 mm	70 mm	45 mm	12 mm	20 pc	290034 ¹⁾
HUS-HR 10x65 5/-/-	10	10 mm	-	-	14 mm	25 pc	290062 ¹⁾
HUS-HR 10x75 15/5/-	10	10 mm	80 mm	5 mm	14 mm	25 pc	290063
HUS-HR 10x85 25/15/-	10	10 mm	80 mm	15 mm	14 mm	25 pc	290067 ¹⁾
HUS-HR 10x95 35/25/5	10	10 mm	80 mm	25 mm	14 mm	25 pc	290068
HUS-HR 10x105 45/35/15	10	10 mm	80 mm	35 mm	14 mm	25 pc	290072 ¹⁾
HUS-HR 10x115 55/45/25	10	10 mm	80 mm	45 mm	14 mm	25 pc	290131 ¹⁾
HUS-HR 10x130 70/60/40	10	10 mm	80 mm	60 mm	14 mm	25 pc	290161 ¹⁾
HUS-HR 14x80 10/-	14	14 mm	-	-	18 mm	12 pc	290181
HUS-HR 14x120 50/10	14	14 mm	120 mm	10 mm	18 mm	12 pc	290182 ¹⁾
HUS-HR 14x135 65/25	14	14mm	120 mm	25 mm	18 mm	12 pc	290183 ¹⁾

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

Please visit Hilti website for the latest item numbers and related products

HUS-CR (Countersunk torx, stainless steel A4)



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Ordering designation	Anchor size	Drill bit diameter	Drilling depth at embed. 2	Fastening thickness at embed.2	Base plate clearance hole	Sales pack quantity	Item number
HUS-CR 8x65 15/-/-	8	8 mm	--	-	12 mm	50 pc	2082431
HUS-CR 8x75 25/15/-	8	8 mm	70 mm	15 mm	12 mm	50 pc	2082432
HUS-CR 8x95 45/35/15	8	8 mm	70 mm	35 mm	12 mm	50 pc	2082433 ¹⁾
HUS-CR 10x75 15/-/-	10	10 mm	--	-	14 mm	50 pc	2082434
HUS-CR 10x85 25/15/-	10	10 mm	80 mm	15 mm	14 mm	50 pc	2082435
HUS-CR 10x105 45/35/15	10	10 mm	80 mm	35 mm	14 mm	50 pc	2082436 ¹⁾

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

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Drop-in (flush) anchor HKD



BASE MATERIALS

- Concrete (uncracked)

APPLICATIONS

- For medium-duty loads with anchor bolts and threaded rods, e.g. suspension systems for pipes, air ducts, sprinkler systems, etc.
- For redundant 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 (25mm), available in M6, M8, M10 and M12 sizes
- Visual check for correct setting when used with Hilti manual setting tool

Technical data

Material composition	(Galvanized) Steel, zinc-plated (min. 5 µm); (Sherardized) Steel, zinc-plated (min. 45 µm); (Stainless steel) Steel, A4 (SS316)
Head configuration	Inner thread
Type of fastening	Pre-fastening
Approvals / test reports	ETA, Fire, FM (Factory Mutual)
Suitable for cracked concrete with redundant fastenings	Yes

Recommended load (kN), non-cracked concrete at 25N/mm², safety factor(γ)=3

Model	Size	M6x25/ 1/4"x25	M8x30/ 5/16"x30	M10x40/ 3/8"x40	M12x50/ 1/2"x50	M16x65/ 5/8"x65	M20x80
HKD	Tensile Load, Nrec	2.1	2.8	4.3	5.9	8.8	12.0
	Shear Load, Vrec	1.7	2.9	3.7	6.1	11.3	16.3
HKD-SR/ HKD-ER	Tensile Load, Nrec	2.1	2.8	4.3	5.9	8.8	12.0
	Shear Load, Vrec	2.1	2.8	3.5	6.2	10.7	17.0

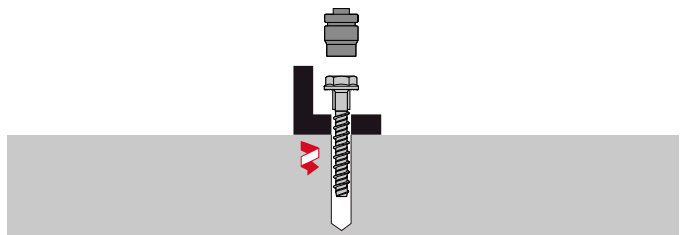
Remarks:

- 1) All the data applies to no edge distance, spacing and other influences
- 2) For detail design method, please refer to Fastening Technology Manual

Approvals

ETA	ETA 02/0032 for HKD drop-in anchor (ETAG 001-04, Option 7)
ETA, Fire resistance	ETA 06/0047 for HKD drop-in anchor multiple applications (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 according to the application.

HKD (Galvanized min. 5µm)



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Ordering designation	Anchor size	Drill bit diameter	Drilling depth	Anchor length	Anchorage depth	Base plate clearance hole	Max. tightening torque	Internal thread size	Sales pack quantity	Item number
HKD M6x25	M6	8 mm	27 mm	25 mm	25 mm	7 mm	4 Nm	6/12 mm	100 pc	376894
HKD M8x30	M8	10 mm	33 mm	30 mm	30 mm	9 mm	8 Nm	8/14 mm	100 pc	376959
HKD M10x40	M10	12 mm	43 mm	40 mm	40 mm	12 mm	15 Nm	10/18 mm	50 pc	376967
HKD M12x50	M12	15 mm	54 mm	50 mm	50 mm	14 mm	35 Nm	12/22 mm	50 pc	378544
HKD M16x65	M16	20 mm	70 mm	65 mm	65 mm	18 mm	60 Nm	16/30 mm	25 pc	382941
HKD M20x80	M20	25 mm	85 mm	80 mm	80 mm	22 mm	120 Nm	20/42 mm	25 pc	382955

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HKD (Imperial, galvanized min. 5µm)



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Ordering designation	Drill bit diameter	Anchor length	Drilling depth	Anchorage depth	Max. tightening torque	Base plate clearance hole	Internal thread size	Sales pack quantity	Item number
HKD 1/4x25	8 mm	25 mm	27 mm	25 mm	3 Nm	8 mm	6/12 mm	100 pc	382980 ¹⁾
HKD 5/16x30	10 mm	30 mm	33 mm	30 mm	7 Nm	10 mm	10/13 mm	100 pc	383679 ¹⁾
HKD 3/8x40	12 mm	40 mm	44 mm	40 mm	15 Nm	11 mm	12/16 mm	100 pc	383960
HKD 1/2x50	16 mm	50 mm	55 mm	50 mm	30 Nm	14 mm	14/22 mm	50 pc	384021
HKD 5/8x65	20 mm	65 mm	70 mm	65 mm	60 Nm	17 mm	18/28 mm	25 pc	384023

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

Please visit Hilti website for the latest item numbers and related products

HKD-SAC (Sherardized min. 45µm)



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Ordering designation	Drill bit diameter	Drilling depth	Anchor length	Anchorage depth	Base plate clearance hole	Max. tightening torque	Internal thread size	Sales pack quantity	Item number
HKD-SAC M8X30	10 mm	33 mm	30 mm	30 mm	9 mm	8 Nm	8/14 mm	100 pc	434431 ¹⁾
HKD-SAC M10X40	12 mm	43 mm	40 mm	40 mm	12 mm	15 Nm	10/18 mm	50 pc	434432 ¹⁾
HKD-SAC M12X50	15 mm	54 mm	50 mm	50 mm	14 mm	35 Nm	12/22 mm	50 pc	434433 ¹⁾
HKD-SAC M16X65	20 mm	70 mm	65 mm	65 mm	18 mm	60 Nm	16/30 mm	25 pc	434434 ¹⁾

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

Please visit Hilti website for the latest item numbers and related products

HKD-SR (Stainless steel A4)



Order Now



Ordering designation	Anchor size	Drill bit diameter	Drilling depth	Anchor length	Anchor depth	Base plate clearance hole	Max. tightening torque	Internal thread size	Sales pack quantity	Item number
HKD-SR M6x25	M6	8 mm	27 mm	25 mm	25 mm	7 mm	4 Nm	6/12 mm	100 pc	247951
HKD-SR M8x30	M8	10 mm	33 mm	30 mm	30 mm	9 mm	8 Nm	8/14 mm	100 pc	247952
HKD-SR M10x40	M10	12 mm	44 mm	40 mm	40 mm	12 mm	15 Nm	10/18 mm	50 pc	247953
HKD-SR M12x50	M12	15 mm	54 mm	50 mm	50 mm	14 mm	35 Nm	12/22 mm	50 pc	247954
HKD-SR M16x65	M16	20 mm	70 mm	65 mm	65 mm	18 mm	60 Nm	16/30 mm	25 pc	247955
HKD-SR M20x80	M20	25 mm	85 mm	80 mm	80 mm	22 mm	120 Nm	20/42 mm	25 pc	247956

Please visit Hilti website for the latest item numbers and related products

HKD-ER (Without lip, stainless steel A4)



Order Now



Ordering designation	Anchor size	Drill bit diameter	Drilling depth	Anchor length	Anchorage depth	Base plate clearance hole	Max. tightening torque	Screw Depth	Sales pack quantity	Item number
HKD-ER M8x30	M8	10 mm	33 mm	30 mm	30 mm	9 mm	8 Nm	10/13 mm	100 pc	352293
HKD-ER M10x40	M10	12 mm	44 mm	40 mm	40 mm	12 mm	15 Nm	12/16 mm	50 pc	352294
HKD-ER M16X65	M16	20 mm	70 mm	65 mm	65 mm	18 mm	60 Nm	18/28 mm	25 pc	352295
HKD-ER 5/16"x30	5/16"	10 mm	33 mm	30 mm	30 mm	10 mm	8 Nm	10/28 mm	100 pc	272641 ¹⁾

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

Please visit Hilti website for the latest item numbers and related products

Manual setting tool with hand guard for flush anchors HSD-G



Technical data	
Dispenser, setting tool, accessory, tester type	Setting tools

Ordering designation	Sales pack quantity	Item number
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-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

Please visit Hilti website for the latest item numbers and related products

Machine setting tool for flush anchors HSD-M

ADVANTAGES

- Automatic machine setting tool for more productive installation of Hilti drop-in anchors



Technical data	
Dispenser, setting tool, accessory, tester type	Setting tools

Ordering designation	Sales pack quantity	Item number
Setting tool HSD-M M6 1/4"X25	1 pc	243746 ¹⁾
Setting tool HSD-M M8 5/16"X30	1 pc	243748 ¹⁾
Setting tool HSD-M M10 3/8"X30	1 pc	243750 ¹⁾
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 ¹⁾
Setting tool HSD-M M20 3/4"X80	1 pc	243754 ¹⁾

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

Please visit Hilti website for the latest item numbers and related products

Auto setting tool for HKD anchors



Technical data	
Dispenser, setting tool, accessory, tester type	Setting tools

Ordering designation	Sales pack quantity	Item number
Setting tool HKD-TE-CX M8 5/16"x30	1 pc	2112619
Setting tool HKD-TE-CX M10 3/8"x40	1 pc	2112752
Setting tool HKD-TE-CX M12 x50 15Φ	1 pc	2112753
Setting tool HKD-TE-CX M12 x50 16Φ	1 pc	2112754

Please visit Hilti website for the latest item numbers and related products

Drop-in anchor HKV



BASE MATERIALS

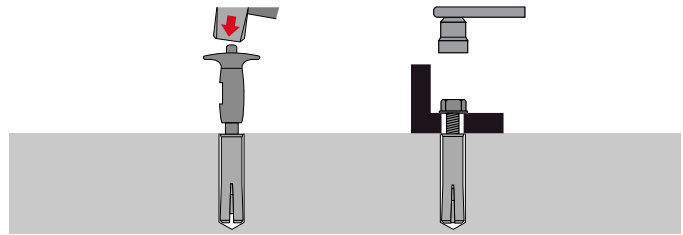
- Concrete (uncracked)

APPLICATIONS

- For medium-duty loads with anchor bolts and threaded rods, e.g. suspension systems for pipes, air ducts, sprinkler systems, etc.
- For fastening diamond core drilling rigs/ base plates, M16 only (DD120 and up)

ADVANTAGES

- No collar - can be set at greater depth
- No damage to the thread when tapping in and expanding
- Visual check for correct setting when used with Hilti manual setting tool



These are abbreviated instructions which may vary according to the application.

Technical data

Material composition	(Galvanized) Steel, zinc-plated (min. 5 µm); (Stainless steel) Steel, A2(SS304)
Head configuration	Inner thread
Type of fastening	Pre-fastening
Approvals / test reports	FM (Factory Mutual)
Accessories	HSD-M, HSD-G

Recommended load (kN), non-cracked concrete at 25N/mm², safety factor(γ)=3

Model	Size	M6x25/ 1/4"x25	M8x30/ 5/16"x30	M10x40/ 3/8"x30	M10x40/ 3/8"x40	M12x50/ 1/2"x50	M16x65
HKV / HKV-R2	Tensile Load, N _{rec}	1.4	2.0	2.0	3.0	4.2	8.8
	Shear Load, V _{rec}	1.7	2.9	3.3	3.3	6.1	11.3

Remarks:

- 1) All the data applies to no edge distance, spacing and other influences
- 2) For detail design method, please refer to Fastening Technology Manual

HKV (Galvanized version min. 5µm)



Order Now



Ordering designation	Anchor size	Drill bit diameter	Anchor length	Drilling depth	Anchorage depth	Base plate clearance hole	Max. tightening torque	Screw Depth	Sales pack quantity	Item number
HKV M6x25	M6	8 mm	25 mm	27 mm	25 mm	7 mm	3 Nm	12 mm	100 pc	2127709
HKV M6x25 BULK	M6	8 mm	25 mm	27 mm	25 mm	7 mm	3 Nm	12 mm	3000 pc	2127991
HKV M8x30 bucket	M8	10 mm	30 mm	33 mm	30 mm	9 mm	7 Nm	14 mm	1200 pc	2128001
HKV M10x30	M10	12 mm	30 mm	33 mm	30 mm	12 mm	15 Nm	13 mm	50 pc	2127981
HKV M10x40 bucket	M10	12 mm	40 mm	44 mm	40 mm	12 mm	15 Nm	18 mm	700 pc	2128002
HKV M12x50 bucket	M12	15 mm	50 mm	55 mm	50 mm	14 mm	30 Nm	22 mm	350 pc	2128004
HKV M16x65	M16	20 mm	65 mm	70 mm	65 mm	18 mm	60 Nm	30 mm	25 pc	2127984

Please visit Hilti website for the latest item numbers and related products

HKV (Imperial, galvanized min. 5µm)



Order Now



Ordering designation	Anchor size	Drill bit diameter	Anchor length	Drilling depth	Anchorage depth	Base plate clearance hole	Max. tightening torque	Screw Depth	Sales pack quantity	Item number
HKV 1/4x25 BULK	1/4	8 mm	25 mm	27 mm	25 mm	8 mm	3 Nm	12 mm	3000 pc	2127996 ¹⁾
HKV 5/16x30 BULK	5/16	10 mm	30 mm	33 mm	30 mm	10 mm	7 Nm	14 mm	1200 pc	2127997
HKV 3/8x30 BULK	3/8	12 mm	33 mm	30 mm	30 mm	12 mm	15 Nm	13 mm	700 pc	2127998 ¹⁾
HKV 3/8x40 bucket	3/8	12 mm	40 mm	44 mm	40 mm	12 mm	15 Nm	18 mm	700 pc	2128003
HKV 1/2x50 BULK	1/2	16 mm	50 mm	55 mm	50 mm	14 mm	30 Nm	22 mm	350 pc	2128000

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

Please visit Hilti website for the latest item numbers and related products

HKV-R2 (Stainless steel A2)



Order Now



Ordering designation	Anchor size	Drill bit diameter	Anchor length	Drilling depth	Anchorage depth	Base plate clearance hole	Max. tightening torque	Screw Depth	Sales pack quantity	Item number
HKV-R2 M8X30	M8	10 mm	30 mm	33 mm	25 mm	9 mm	7 Nm	12 mm	100 pc	423665
HKV-R2 M10X40	M10	12 mm	40 mm	43 mm	30 mm	12 mm	15 Nm	14 mm	50 pc	423666
HKV-R2 M12X50	M12	14 mm	50 mm	54 mm	50 mm	14 mm	30 Nm	22 mm	50 pc	423668
HKV-R2 3/8"X40	3/8"	12 mm	40 mm	43 mm	40 mm	11 mm	15 Nm	18 mm	50 pc	2168253
HKV-R2 1/2"X50	1/2"	16 mm	50 mm	54 mm	50 mm	14 mm	30 Nm	22 mm	50 pc	2168252

Please visit Hilti website for the latest item numbers and related products

Manual setting tool with hand guard, for flush anchors HSD-G



Technical data

Dispenser, setting tool, accessory, tester type Setting tools

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

Please visit Hilti website for the latest item numbers and related products

Machine setting tool for flush anchors HSD-M



ADVANTAGES

- Automatic machine setting tool for more productive installation of Hilti drop-in anchors

Technical data

Dispenser, setting tool, accessory, tester type Setting tools

Ordering designation	Sales pack quantity	Item number
Setting tool HSD-M M6 1/4X25	1 pc	243746 ¹⁾
Setting tool HSD-M M8 5/16X30	1 pc	243748 ¹⁾
Setting tool HSD-M M10 3/8X30	1 pc	243750 ¹⁾
Setting tool HSD-M M10 3/8X40	1 pc	243751
Setting tool HSD-M M12 1/2X50	1 pc	243752
Setting tool HSD-M M16 5/8X65	1 pc	243753 ¹⁾
Setting tool HSD-M M20 3/4X80	1 pc	243754 ¹⁾

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

Please visit Hilti website for the latest item numbers and related products

Sleeve anchor HLC



BASE MATERIALS

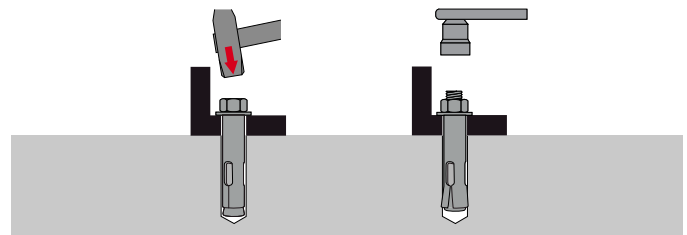
- Concrete (uncracked)
- Masonry (solid)

APPLICATIONS

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

ADVANTAGES

- Variety of lengths and sizes allows for a multitude of applications
- Pre-assembled anchor for fast, easy installation
- Suitable for different base materials due to expansion principle
- Ideal for through-fastening applications
- Practical information printed on the sleeve indicates the right drill bit
- Bulged middle section of sleeve with triangular diamond shaped openings prevent the anchor from rotating in its hole or dropping



These are abbreviated instructions which may vary according to the application.

Technical data	
Environmental conditions	Indoor, dry conditions
Material composition	Steel, zinc-plated (min. 5 µm)
Material, corrosion	Steel, zinc-plated
Type of fastening	Pre-fastening, Through-fastening
Approvals / test reports	Fire

Recommended load (kN), non-cracked concrete at 25N/mm², safety factor(γ)=3

Model	Size	M5	M6	M8	M10	M12	M16
HLC, HLC-H, HLC-EC / EO, HLC-L, HLC-SK, HLC-T	Tensile Load, N _{rec}	0.7	1.2	1.5	2.4	3.3	4.4
	Shear Load, V _{rec}	1.1	2.3	2.9	4.8	6.7	6.7

Remarks:

- 1) All the data applies to no edge distance, spacing and other influences
- 2) For detail design method, please refer to Fastening Technology Manual

HLC (Stud head)



Order Now



Ordering designation	Anchor length	Anchor length under washer	Drill bit diameter	Thread diameter	Drilling depth	Max. fixture thickness at standard embedment depth	Anchorage depth	Required tightening torque	Base plate clearance hole	Sales pack quantity	Item number
HLC 6.5X25/5 (M5)	30mm	25 mm	6.5 mm	M5	30 mm	5 mm	16 mm	5 Nm	7 mm	100 pc	385811 ¹⁾
HLC 6.5X40/20 (M5)	45mm	40 mm	6.5 mm	M5	30 mm	10 mm	16 mm	5 Nm	7 mm	100 pc	385812 ¹⁾
HLC 6.5X60/40 (M5)	65mm	60 mm	6.5 mm	M5	30 mm	40 mm	16 mm	5 Nm	7 mm	100 pc	385813 ¹⁾
HLC 8X40/10 (M6)	46mm	40 mm	8 mm	M6	40 mm	10 mm	26 mm	8 Nm	10 mm	100 pc	385814
HLC 8X55/25 (M6)	61mm	55 mm	8 mm	M6	40 mm	25 mm	26 mm	8 Nm	10 mm	100 pc	385816
HLC 8X70/40 (M6)	76mm	70 mm	8 mm	M6	40 mm	40 mm	26 mm	8 Nm	10 mm	100 pc	385817 ¹⁾
HLC 8X85/55 (M6)	91mm	85 mm	8 mm	M6	40 mm	55 mm	26 mm	8 Nm	10 mm	100 pc	385818 ¹⁾
HLC 10X40/5 (M8)	48mm	40 mm	10 mm	M8	50 mm	5 mm	31 mm	25 Nm	12 mm	50 pc	385819 ¹⁾
HLC 10X50/15 (M8)	58mm	50 mm	10 mm	M8	50 mm	15 mm	31 mm	25 Nm	12 mm	50 pc	385820
HLC 10X60/25 (M8)	68mm	60 mm	10 mm	M8	50 mm	25 mm	31 mm	25 Nm	12 mm	50 pc	385822 ¹⁾
HLC 10X80/45 (M8)	88mm	80 mm	10 mm	M8	50 mm	45 mm	31 mm	25 Nm	12 mm	50 pc	385823 ¹⁾
HLC 10X100/65 (M8)	108mm	100 mm	10 mm	M8	50 mm	65 mm	31 mm	25 Nm	12 mm	50 pc	385824 ¹⁾
HLC 12X55/15 (M10)	65mm	55 mm	12 mm	M10	65 mm	15 mm	33 mm	40 Nm	14 mm	50 pc	385825
HLC 12X75/35 (M10)	85mm	75 mm	12 mm	M10	65 mm	35 mm	33 mm	40 Nm	14 mm	50 pc	385827
HLC 12X100/60 (M10)	110mm	100 mm	12 mm	M10	65 mm	60 mm	33 mm	40 Nm	14 mm	25 pc	385829 ¹⁾
HLC 16X60/10 (M12)	72mm	60 mm	16 mm	M12	75 mm	10 mm	41 mm	50 Nm	18 mm	25 pc	385830
HLC 16X100/50 (M12)	112mm	100 mm	16 mm	M12	75 mm	50 mm	41 mm	50 Nm	18 mm	10 pc	385831 ¹⁾
HLC 16X140/90 (M12)	152mm	140 mm	16 mm	M12	75 mm	90 mm	41 mm	50 Nm	18 mm	10 pc	385832 ¹⁾
HLC 20X80/25 (M16)	95mm	80 mm	20 mm	M16	85 mm	25 mm	41 mm	80 Nm	21 mm	10 pc	385833 ¹⁾
HLC 20X115/60 (M16)	130mm	115 mm	20 mm	M16	85 mm	60 mm	41 mm	80 Nm	21 mm	10 pc	385834 ¹⁾
HLC 20X150/95 (M16)	165mm	150 mm	20 mm	M16	85 mm	95 mm	41 mm	80 Nm	21 mm	10 pc	385835 ¹⁾
HLC 8X40/10 (M6) BUCKET	46mm	40 mm	8 mm	M6	40 mm	10 mm	26 mm	8 Nm	10 mm	500 pc	385815
HLC 10X50/15 (M8) BUCKET	58mm	50 mm	10 mm	M8	50 mm	15 mm	31 mm	25 Nm	12 mm	400 pc	385821
HLC 12X55/15 (M10) BUCKET	65mm	55 mm	12 mm	M10	65 mm	15 mm	33 mm	40 Nm	14 mm	250 pc	385826
HLC 12X75/35 (M10) BUCKET	85mm	75 mm	12 mm	M10	65 mm	35 mm	33 mm	40 Nm	14 mm	200 pc	385828

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

Please visit Hilti website for the latest item numbers and related products

HLC-H (Hexagon head)



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Ordering designation	Anchor length	Anchor length under washer	Drill bit diameter	Drilling depth	Thread diameter	Max. fixture thickness at standard embedment depth	Anchorage depth	Base plate clearance hole	Required tightening torque	Sales pack quantity	Item number
HLC-H 8x40/10	46 mm	40 mm	8 mm	40 mm	M6	10 mm	26 mm	10 mm	8 Nm	100 pc	385836 ¹⁾
HLC-H 8x55/25	61 mm	55 mm	8 mm	40 mm	M6	25 mm	26 mm	10 mm	8 Nm	100 pc	385838 ¹⁾
HLC-H 8x70/40	76 mm	70 mm	8 mm	40 mm	M6	40 mm	26 mm	10 mm	8 Nm	100 pc	385840 ¹⁾
HLC-H 10x40/5	48 mm	40 mm	10 mm	50 mm	M8	5 mm	31 mm	12 mm	25 Nm	50 pc	385841 ¹⁾
HLC-H 10x60/25	68 mm	60 mm	10 mm	50 mm	M8	25 mm	31 mm	12 mm	25 Nm	50 pc	385842
HLC-H 10x80/45	88 mm	80 mm	10 mm	50 mm	M8	45 mm	31 mm	12 mm	25 Nm	50 pc	385845 ¹⁾
HLC-H 10x100/65	108 mm	100 mm	10 mm	50 mm	M8	65 mm	31 mm	12 mm	25 Nm	50 pc	385847 ¹⁾
HLC-H 12x55/15	65 mm	55 mm	12 mm	65 mm	M10	15 mm	33 mm	14 mm	40 Nm	50 pc	385848 ¹⁾
HLC-H 12x75/35	85 mm	75 mm	12 mm	65 mm	M10	35 mm	33 mm	14 mm	40 Nm	50 pc	385849 ¹⁾
HLC-H 12x100/60	110 mm	100 mm	12 mm	65 mm	M10	60 mm	33 mm	14 mm	40 Nm	25 pc	385852 ¹⁾
HLC-H 16x60/10	72 mm	60 mm	16 mm	75 mm	M12	10 mm	41 mm	18 mm	50 Nm	10 pc	385853 ¹⁾
HLC-H 16x100/50	112 mm	100 mm	16 mm	75 mm	M12	50 mm	41 mm	18 mm	50 Nm	15 pc	385854 ¹⁾
HLC-H 16x140/90	152 mm	140 mm	16 mm	75 mm	M12	90 mm	41 mm	18 mm	50 Nm	10 pc	385855 ¹⁾
HLC-H 8x55/25 bucket	61 mm	55 mm	8 mm	40 mm	M6	25 mm	26 mm	10 mm	8 Nm	500 pc	385839 ¹⁾
HLC-H 10x60/25 bucket	68 mm	60 mm	10 mm	50 mm	M6	25 mm	31 mm	12 mm	25 Nm	300 pc	385844 ¹⁾
HLC-H 10x80/45 bucket	88 mm	80 mm	10 mm	50 mm	M6	45 mm	31 mm	12 mm	25 Nm	200 pc	385846 ¹⁾
HLC-H 12x75/35 bucket	85 mm	75 mm	12 mm	65 mm	M10	35 mm	33 mm	14 mm	40 Nm	150 pc	385851 ¹⁾

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

Please visit Hilti website for the latest item numbers and related products

HLC-SK (Concrete/sunk head)



Order Now



Ordering designation	Anchor length	Drill bit diameter	Drilling depth	Thread diameter	Max. fixture thickness at standard embedment depth	Anchorage depth	Base plate clearance hole	Required tightening torque (in concrete)	Sales pack quantity	Item number
HLC-SK 6.5X45/20 (M5)	45 mm	6.5 mm	30 mm	M5	20 mm	16 mm	7 mm	5 Nm	100	385856 ¹⁾
HLC-SK 6.5X65/40 (M5)	65 mm	6.5 mm	30 mm	M5	40 mm	16 mm	7 mm	5 Nm	100	385857 ¹⁾
HLC-SK 6.5X85/60 (M5)	85 mm	6.5 mm	30 mm	M5	60 mm	16 mm	7 mm	5 Nm	100	385858 ¹⁾
HLC-SK 8X60/25 (M6)	60 mm	8 mm	40 mm	M6	25 mm	26 mm	10 mm	8 Nm	100	385859
HLC-SK 8X75/40 (M6)	75 mm	8 mm	40 mm	M6	40 mm	26 mm	10 mm	8 Nm	100	385860 ¹⁾
HLC-SK 8X90/55 (M6)	90 mm	8 mm	40 mm	M6	55 mm	26 mm	10 mm	8 Nm	100	385861 ¹⁾
HLC-SK 10X45/5 (M8)	45 mm	10 mm	50 mm	M8	5 mm	31 mm	12 mm	25 Nm	50	385862 ¹⁾
HLC-SK 10X85/45 (M8)	85 mm	10 mm	50 mm	M8	45 mm	31 mm	12 mm	25 Nm	50	385863
HLC-SK 10X105/65 (M8)	105 mm	10 mm	50 mm	M8	65 mm	31 mm	12 mm	25 Nm	50	385864 ¹⁾
HLC-SK 10X130/95 (M8)	130 mm	10 mm	50 mm	M8	95 mm	31 mm	12 mm	25 Nm	25	385865 ¹⁾
HLC-SK 12X80/35 (M10)	80 mm	12 mm	65 mm	M10	35 mm	33 mm	14 mm	40 Nm	50	385866 ¹⁾

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

Please visit Hilti website for the latest item numbers and related products

HLC-EC (Closed eyebolt)



Order Now



Ordering designation	Anchor length	Anchor length under washer	Drill bit diameter	Drilling depth	Max. fixture thickness at standard embedment depth	Anchorage depth	Base plate clearance hole	Required tightening torque	Sales pack quantity	Item number
HLC-EC 8x40	70 mm	40 mm	8 mm	40 mm	14 mm	26 mm	10 mm	8 Nm	50 pc	385871
HLC-EC 10x50	80 mm	50 mm	10 mm	50 mm	20 mm	31 mm	12 mm	25 Nm	50 pc	385872
HLC-EC 16x100	160 mm	100 mm	16 mm	75 mm	59 mm	41 mm	18 mm	50 Nm	10 pc	385873 ¹⁾
HLC-EC 16x160	200 mm	140 mm	16 mm	75 mm	119 mm	41 mm	18 mm	50 Nm	15 pc	385874 ¹⁾

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

Please visit Hilti website for the latest item numbers and related products



HLC-EO (Open eyebolt)



Order Now



Ordering designation	Anchor length	Anchor length under washer	Drill bit diameter	Drilling depth	Anchorage depth	Base plate clearance hole	Required tightening torque	Sales pack quantity	Item number
HLC-EO 8x40	70 mm	40 mm	8 mm	40 mm	26 mm	10 mm	8 Nm	50 pc	385875

Please visit Hilti website for the latest item numbers and related products

HLC-T (Eyebolt head)



Order Now



Ordering designation	Anchor length under washer	Drill bit diameter	Drilling depth	Anchorage depth	Base plate clearance hole	Required tightening torque	Sales pack quantity	Item number
HLC-T 6,5x25	25 mm	6.5 mm	30 mm	16 mm	7 mm	5 Nm	50 pc	385877

Please visit Hilti website for the latest item numbers and related products

HLC-L (Rounded head)



Ordering designation	Anchor length	Drill bit diameter	Min. Drilling depth	Thread diameter	Max. fixture thickness at standard embedment depth	Anchorage depth	Base plate clearance hole	Required tightening torque (in concrete)	Sales pack quantity	Item number
HLC-L 10X50/15 (M8)	50 mm	10 mm	50 mm	M8	15 mm	31 mm	12 mm	25 Nm	50 pc	385867 ¹⁾
HLC-L 10X60/25 (M8)	60 mm	10 mm	50 mm	M8	25 mm	31 mm	12 mm	25 Nm	50 pc	385868 ¹⁾
HLC-L 10X80/45 (M8)	80 mm	10 mm	50 mm	M8	45 mm	31 mm	12 mm	25 Nm	50 pc	385869 ¹⁾
HLC-L 10X100/65 (M8)	100 mm	10 mm	50 mm	M8	65 mm	31 mm	12 mm	25 Nm	50 pc	385870 ¹⁾

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

Please visit Hilti website for the latest item numbers and related products

Metal frame anchor HT



BASE MATERIALS

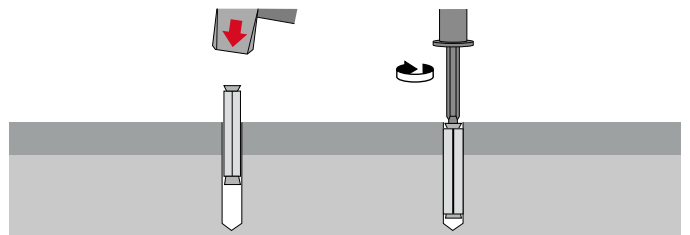
- Concrete (aerated)
- Concrete (uncracked)
- Masonry (hollow)
- Masonry (solid)
- Some types of natural stone

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



These are abbreviated instructions which may vary according to the application.

Technical data

Environmental conditions	Indoor, dry conditions
Head configuration	Countersunk, Flat head
Material composition	Steel, 4.6 grade, zinc-plated (min.5 µm), Sheet steel, sendzimir zincplated to approx. 16µm
Material, corrosion	Steel, zinc-plated
Type of fastening	Through-fastening
Approvals / test reports	Fire

Order Now



Ordering designation	Anchor size	Anchor length	Drill bit diameter	Drilling depth	Max. fixture thickness at standard embedment depth	Sales pack quantity	Item number
HT 10X72	10 mm	72 mm	10 mm	50 mm	42 mm	100 pc	369263
HT 10X92	10 mm	92 mm	10 mm	50 mm	62 mm	100 pc	369264
HT 10X112	10 mm	112 mm	10 mm	50 mm	82 mm	100 pc	369265
HT 10X132	10 mm	132 mm	10 mm	50 mm	102 mm	100 pc	369266
HT 10X152	10 mm	152 mm	10 mm	50 mm	122 mm	100 pc	369267
HT 10X182	10 mm	182 mm	10 mm	50 mm	152 mm	100 pc	369268
HT 10X202	10 mm	202 mm	10 mm	50 mm	172 mm	100 pc	369269

Please visit Hilti website for the latest item numbers and related products

Cavity anchor HDD

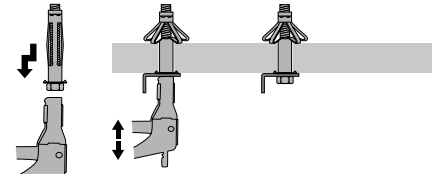


BASE MATERIALS

- Drywall
- Masonry (hollow)

ADVANTAGES

- Pre-assembled with screw
- Ergonomic setting tool for thread sizes M4 to M8
- Quick and trouble-free installation



These are abbreviated instructions which may vary according to the application.

Cavity anchor HDD-S

Technical data	
Environmental conditions	Indoor, dry conditions
Head configuration	Round head
Material composition	Steel, zinc-plated
Material, corrosion	Steel, zinc-plated
Type of fastening	Pre-fastening, Through-fastening
Approvals / test reports	N/A



Order Now



Ordering designation	Anchor size	Anchor length	Drill bit diameter	Max. fixture thickness at standard embedment depth	Sales pack quantity	Item number
HHD-S M4/4X20	M4	20 mm	8 mm	15 mm	100 pc	332060 ¹⁾
HHD-S M4/6X32	M4	32 mm	8 mm	25 mm	100 pc	332061 ¹⁾
HHD-S M4/12X38	M4	38 mm	8 mm	25 mm	100 pc	332062
HHD-S M4/19X45	M4	45 mm	8 mm	25 mm	50 pc	332063
HHD-S M5/8X38	M5	38 mm	10 mm	25 mm	100 pc	332065 ¹⁾
HHD-S M5/12X52	M5	52 mm	10 mm	30 mm	50 pc	332066 ¹⁾
HHD-S M5/25X65	M5	65 mm	10 mm	30 mm	50 pc	332067
HHD-S M6/9X38	M6	38 mm	12 mm	20 mm	100 pc	332069 ¹⁾
HHD-S M6/12X52	M6	52 mm	12 mm	30 mm	50 pc	332070
HHD-S M6/24X65	M6	65 mm	12 mm	30 mm	50 pc	332071
HHD-S M6/40X80	M6	80 mm	12 mm	30 mm	50 pc	332072
HHD-S M8/12X54	M8	54 mm	12 mm	30 mm	50 pc	332073
HHD-S M8/24X66	M8	66 mm	12 mm	30 mm	50 pc	332074
HHD-S M8/40X83	M8	83 mm	12 mm	35 mm	50 pc	332075 ¹⁾

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

Please visit Hilti website for the latest item numbers and related products

Setting tool HHD

APPLICATIONS

- Setting tool for HHD-S and HHD cavity anchors



Technical data	
Dispenser, setting tool, accessory, tester type	Setting tools

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

Please visit Hilti website for the latest item numbers and related products

Hollow wall metal anchor with screw HTB-2/HTB-2-S



BASE MATERIALS

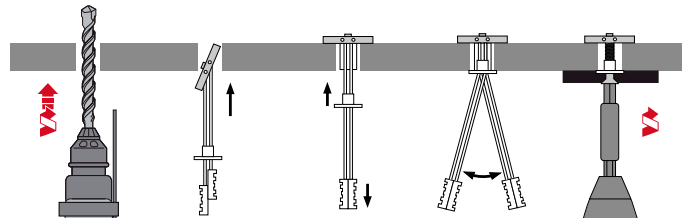
- Concrete (hollow deck)
- Drywall

APPLICATIONS

- For a variety of light-duty anchoring applications in drywall and heavier-duty applications in concrete block

ADVANTAGES

- Highest performance in gypsum board
- No setting tool needed
- Unique installation “legs” and locking cap facilitate fastenings in wide range of drywall and hollow wall materials up to 92 mm thick



These are abbreviated instructions which may vary according to the application.

Technical data

Environmental conditions	Indoor, dry conditions
Head configuration	Round head, Inner thread
Material composition	Polypropylene
Type of fastening	Pre-fastening
Approvals / test reports	N/A
Installation direction	All

Recommended load (kN), safety factor(γ)=3

Size	Base materials	Nrec	Vrec
M5/M6	Gypsum board 12.5mm	0.2	0.3
M5/M6	Gypsum board 2 x 12.5mm	0.5	0.3
M5**	Hollow block	0.7	1.0
M6**	Hollow block	0.9	1.3

Remarks:

- 1) All the data applies to no edge distance, spacing and other influences
- 2) Holes must be produced by rotary drilling only

Ordering designation	Anchor Size	Drill bit diameter	Required Tightening Torque	Sales pack quantity	Item number
HTB-2 M5	5 mm	13 mm	3 Nm	100 pc	2158762¹⁾
HTB-2 M6	6 mm	14 mm	5 Nm	100 pc	2158764¹⁾
HTB-2-S M5X60	5 mm	13 mm	3 Nm	100 pc	2158763¹⁾
HTB-2-S M6X60	6 mm	14 mm	5 Nm	100 pc	2158765

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

Please visit Hilti website for the latest item numbers and related products

Self-drilling drywall anchor HSP



BASE MATERIALS

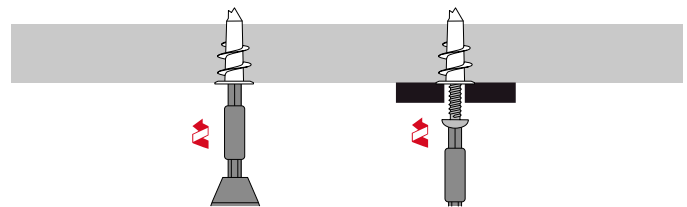
- Drywall

APPLICATIONS

- Plumbing
- Interior finishing
- Electrical installation

ADVANTAGES

- “Shark’s tooth” design for correct positioning and quick installation
- Cuts its own thread
- Available with or without #8 x 1-3/16” screw



These are abbreviated instructions which may vary according to the application.

Technical data	
Environmental conditions	Indoor, dry conditions
Head configuration	Inner thread
Material composition	Zinc, die-cast
Material, corrosion	Die-cast zinc
Type of fastening	Pre-fastening
Approvals / test reports	N/A

Order Now



8

Ordering designation	Anchor length	Sales pack quantity	Item number
HSP	39 mm	100 pc	2158777 ¹⁾
HSP-S	39 mm	100 pc	332683 ¹⁾

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

Please visit Hilti website for the latest item numbers and related products

Screwdriver bit HSP

ADVANTAGES

- For universal use on many materials, including perforated brick and block



Technical data	
Dispenser, setting tool, accessory, tester type	Screwdrivers and accessories

Ordering designation	Sales pack quantity	Item number
D-B PH2 HSP/HFP	5 pc	332688 ¹⁾
D-B SQ HSP-G	5 pc	332689 ¹⁾

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

Please visit Hilti website for the latest item numbers and related products

Hook and ring anchors HA 8



BASE MATERIALS

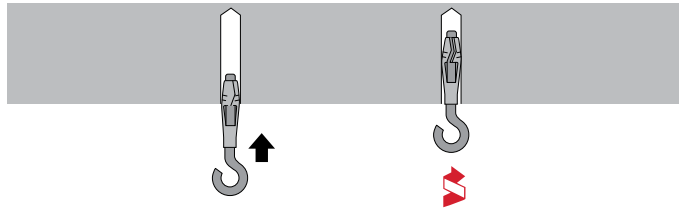
- Concrete (cracked)
- Concrete (uncracked)

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



These are abbreviated instructions which may vary according to the application.

Technical data

Environmental conditions	Indoor, dry conditions
Head configuration	Closed eye bolt, Open eye bolt
Material composition	Steel, zinc-plated (min. 5 µm)
Material, corrosion	Steel, zinc-plated
Type of fastening	Pre-fastening
Approvals / test reports	Fire

Technical data

Recommended load (kN)

Model	Size	HA8 R1	HA8 H1
H2 Concrete at 20 N/mm²	Tensile Load, N _{rec}	0.80	0.80

Remarks:

- 1) All the data applies to no edge distance, spacing and other influences
- 2) Holes must be produced by rotary drilling only

Order Now



Ordering designation	Anchor Size	Anchorage depth	Anchor length	Bolt diameter	Drill bit diameter	Drilling depth	Sales pack quantity	Item number
HA 8 H1	8 mm	40 mm	66 mm	5 mm	8 mm	50 mm	100 pc	57036
HA 8 R1	8 mm	40 mm	66 mm	5 mm	8 mm	50 mm	100 pc	57059

Please visit Hilti website for the latest item numbers and related products

Universal plastic anchor HUD



BASE MATERIALS

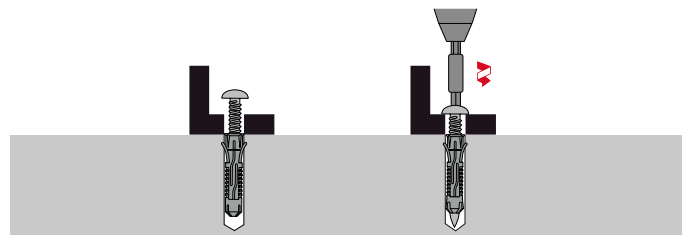
- Concrete (aerated)
- Concrete (uncracked)
- Drywall
- Masonry (hollow)
- Masonry (solid)

APPLICATIONS

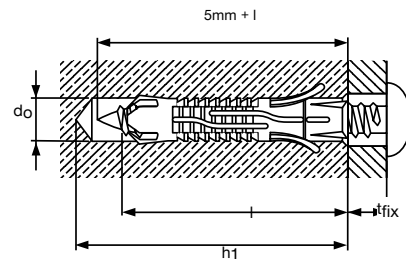
- Many kinds of light-duty fastenings, especially electrical installations, sanitary fixtures, etc.

ADVANTAGES

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



These are abbreviated instructions which may vary according to the application.



Technical data	
Anchor type	Plastic anchor
Head configuration	N/A
Material composition	Polyamide PA 6
Material, corrosion	Plastic
In-service temperature - range	-40 - 80 °C
Installation direction	All

Recommended load (kN), safety factor(γ)=5							
Model	Size	5x25	6x30	8x40	10x50	12x60	14x70
HUD-1 at concrete 20 N/mm ²	Tensile Load, Nrec	0.30	0.55	0.85	1.40	2.00	3.00
	Shear Load, Vrec	0.40	0.90	1.25	2.20	3.00	5.60
HUD-1 at AAC block	Tensile Load, Nrec	0.10	0.15	0.30	0.40	0.50	0.60
	Shear Load, Vrec	0.13	0.18	0.30	-	-	-



Universal plastic anchor HUD-1



Order Now



Ordering designation	Anchor size	Anchor length	Woodscrew diameter	Drill bit diameter	Drilling depth	Screw length	Sales pack quantity	Item number
HUD-1 5x25	5 mm	25 mm	3.5 - 4 mm	5 mm	35 mm	l + tfix+5mm	500 pc	331615
HUD-1 6x30	6 mm	30 mm	4.5 - 5 mm	6 mm	40 mm	l + tfix +5mm	500 pc	331616
HUD-1 8x40	8 mm	40 mm	5 - 6 mm	8 mm	55 mm	l + tfix +5mm	400 pc	331617
HUD-1 10x50	10 mm	50 mm	7 - 8 mm	10 mm	65 mm	l + tfix +5mm	200 pc	331618
HUD-1 12x60	12 mm	60 mm	8 - 10 mm	12 mm	80 mm	l + tfix +5mm	100 pc	331619
HUD-1 14x70	14 mm	70 mm	10 - 12 mm	14 mm	90 mm	l + tfix +5mm	50 pc	331620

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Universal plastic anchor HUD-L (Long version)**Order Now**

Ordering designation	Anchor size	Anchor length	Woodscrew diameter	Drill bit diameter	Drilling depth	Screw length	Sales pack quantity	Item number
HUD-L 6x50	6 mm	50 mm	4.5 - 5 mm	6 mm	70 mm	l + tfix +5mm	400 pc	315938
HUD-L 8x60	8 mm	60 mm	5 - 6 mm	8 mm	80 mm	l + tfix +5mm	200 pc	315939
HUD-L 10x70	10 mm	70 mm	7 - 8 mm	10 mm	90 mm	l + tfix +5mm	100 pc	315940

Please visit Hilti website for the latest item numbers and related products

Frame anchor with countersunk head HRD-C



Technical data

Recommended load (kN), safety factor(y)=3

Model	Size	10x80	10x100	10x120	10x140
HRD-C (h_{gr}=70 mm) at concrete 15 N/mm²	Tensile Load, N _{rec}	2.0	2.0	2.0	2.0
	Shear Load, V _{rec}	3.5	3.5	3.5	3.5
HUD-1 at AAC block	Tensile Load, N _{rec}	1.0	1.0	1.0	1.0
	Shear Load, V _{rec}	1.2	1.2	1.2	1.2



Order Now



Remarks:

- 1) All the data applies to no edge distance, spacing and other influences
- 2) Holes must be produced by rotary drilling only
- 3) For detail design method, please refer to Fastening Technology Manual

Ordering designation	Anchor size	Anchor Length	Min. hole depth 1	Min. hole depth 2	Min. anchorage depth 1	Min. anchorage depth 2	Drill bit diameter	Fastening thickness at embed.2	Base plate clearance hole	Sales pack quantity	Item number
HRD-C 10x60	10 mm	60 mm	60 mm	-	50 mm	-	10 mm	-	11 mm	50 pc	423859 ¹⁾
HRD-C 10x80	10 mm	80 mm	60 mm	80 mm	50 mm	70 mm	10 mm	10 mm	11 mm	50 pc	423860
HRD-C 10x100	10 mm	100 mm	60 mm	80 mm	50 mm	70 mm	10 mm	30 mm	11 mm	50 pc	423861
HRD-C 10x120	10 mm	120 mm	60 mm	80 mm	50 mm	70 mm	10 mm	50 mm	11 mm	50 pc	423862
HRD-C 10x140	10 mm	140 mm	60 mm	80 mm	50 mm	70 mm	10 mm	70 mm	11 mm	50 pc	423863
HRD-C 10x160	10 mm	160 mm	60 mm	80 mm	50 mm	70 mm	10 mm	90 mm	11 mm	50 pc	423864 ¹⁾
HRD-C 10x180	10 mm	180 mm	60 mm	80 mm	50 mm	70 mm	10 mm	110 mm	11 mm	50 pc	423865 ¹⁾
HRD-C 10x200	10 mm	200 mm	60 mm	80 mm	50 mm	70 mm	10 mm	130 mm	11 mm	50 pc	423866 ¹⁾
HRD-C 10x230	10 mm	230 mm	60 mm	80 mm	50 mm	70 mm	10 mm	160 mm	11 mm	50 pc	423867 ¹⁾
HRD-C 10x270	10 mm	270 mm	60 mm	80 mm	50 mm	70 mm	10 mm	200 mm	11 mm	50 pc	423868 ¹⁾
HRD-C 10x310	10 mm	310 mm	60 mm	80 mm	50 mm	70 mm	10 mm	240 mm	11 mm	50 pc	423869 ¹⁾

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

Please visit Hilti website for the latest item numbers and related products

Frame anchor with countersunk head HRD-CR

Technical data

Anchor type	Anchor with screw
Head configuration	Countersunk
Material composition	Steel, A4 (SS 316) or duplex equivalent, Polyamide
Material, corrosion	Steel, stainless
Suitable for cracked concrete with redundant fastenings	Yes
Bit size	T40



Order Now

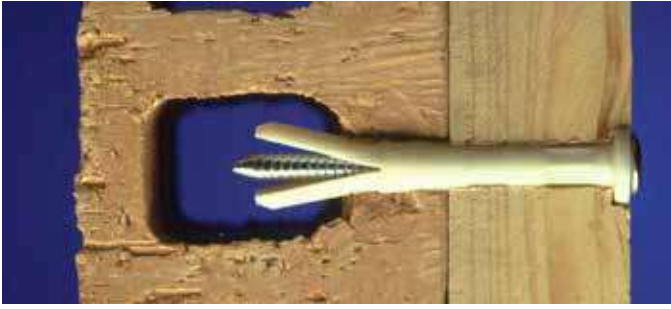


Ordering designation	Anchor size	Anchor Length	Min. hole depth 1	Min. hole depth 2	Min. anchorage depth 1	Min. anchorage depth 2	Drill bit diameter	Fastening thickness at embed.2	Base plate clearance hole	Sales pack quantity	Item number
HRD-CR 10x60	10 mm	60 mm	60 mm	-	50 mm	-	10 mm	-	11 mm	50 pc	423885 ¹⁾
HRD-CR 10x100	10 mm	100 mm	60 mm	80 mm	50 mm	70 mm	10 mm	30 mm	11 mm	50 pc	423886 ¹⁾
HRD-CR 10x140	10 mm	140 mm	60 mm	80 mm	50 mm	70 mm	10 mm	70 mm	11 mm	50 pc	423887 ¹⁾

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

Please visit Hilti website for the latest item numbers and related products

Impact anchor HPS



APPLICATIONS

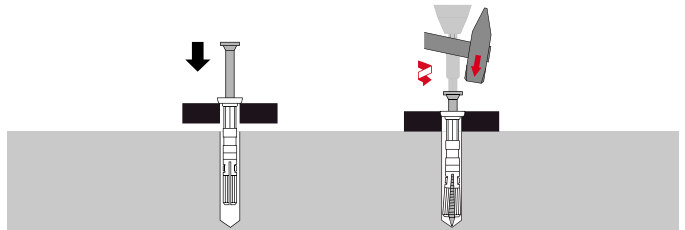
- Anchoring concrete, brick ties and masonry
- Fastening components for electrical and plumbing installations
- Fastening trim strips, battens and components for electrical and plumbing installations

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

Anchor type	Plastic anchor
Head configuration	Countersunk Phillips
Material composition	Body: polyamide, Screw: steel, zinc-plated (min. 5 µm) or stainless steel 304
Material, corrosion	Steel, zinc-plated
In-service temperature - range	-40 - 80 °C
Installation direction	All



These are abbreviated instructions which may vary according to the application.

Recommended load (kN), safety factor(γ)=5

Model	Size	4/10	5/10	5/5- 5/15	6/10- 6/25	6/30- 6/40	8/10	8/10- 8/40	8/60- 8/100
HPS-1 at concrete 30 N/mm²	Tensile Load, Nrec	0.05	0.10	0.15	0.25	0.25	0.30	0.40	0.40
	Shear Load, Vrec	0.15	0.30	0.35	0.55	0.35	0.50	0.90	0.50
HPS-1 at AAC block²⁾	Tensile Load, Nrec	-	-	0.08	0.10	0.10	-	0.15	0.15
	Shear Load, Vrec	-	-	0.10	0.12	0.10	-	0.30	0.20

Remarks:

- 1) All the data applies to no edge distance, spacing and other influences
- 2) Holes must be produced by rotary drilling only
- 3) For detail design method, please refer to Fastening Technology Manual

HPS-1 (With galvanized screw min. 5 µm)



Order Now



Ordering designation	Anchor size	Anchor length	Drill bit diameter	Drilling depth	Fastening thickness	Sales pack quantity	Item number
HPS-1 4/0X20	M4	22 mm	4 mm	25 mm	2 mm	250 pc	260369 ¹⁾
HPS-1 5/0X20	M5	22 mm	5 mm	25 mm	2 mm	250 pc	260395 ¹⁾
HPS-1 5/5X25	M5	25 mm	5 mm	30 mm	5 mm	200 pc	260347 ¹⁾
HPS-1 5/10X30	M5	27 mm	5 mm	30 mm	10 mm	200 pc	230515
HPS-1 5/15X35	M5	37 mm	5 mm	30 mm	15 mm	200 pc	260348
HPS-1 6/0X25	M6	27 mm	6 mm	40 mm	2 mm	150 pc	238159 ¹⁾
HPS-1 6/5X30	M6	32 mm	6 mm	40 mm	5 mm	150 pc	260349 ¹⁾
HPS-1 6/10X35	M6	37 mm	6 mm	40 mm	10 mm	150 pc	230516
HPS-1 6/15X40	M6	42 mm	6 mm	40 mm	15 mm	150 pc	260350
HPS-1 6/25X50	M6	52 mm	6 mm	40 mm	25 mm	100 pc	260351
HPS-1 6/30X55	M6	57 mm	6 mm	40 mm	30 mm	100 pc	230517
HPS-1 6/40X65	M6	67 mm	6 mm	40 mm	40 mm	100 pc	260352
HPS-1 8/0X25	M8	33 mm	8 mm	50 mm	2 mm	100 pc	238160 ¹⁾
HPS-1 8/10X40	M8	43 mm	8 mm	50 mm	10 mm	100 pc	260353
HPS-1 8/20X50	M8	53 mm	8 mm	50 mm	20 mm	50 pc	230518
HPS-1 8/30X60	M8	63 mm	8 mm	50 mm	30 mm	50 pc	260354
HPS-1 8/40X70	M8	73 mm	8 mm	50 mm	40 mm	50 pc	230519
HPS-1 8/60X90	M8	93 mm	8 mm	50 mm	60 mm	50 pc	260355
HPS-1 8/80X110	M8	113 mm	8 mm	50 mm	80 mm	50 pc	260356 ¹⁾
HPS-1 8/100X130	M8	133 mm	8 mm	50 mm	100 mm	100 pc	260367 ¹⁾

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

Please visit Hilti website for the latest item numbers and related products

HPS-1 R (With stainless steel screw A2)**Order Now**

Ordering designation	Anchor size	Anchor length	Drill bit diameter	Drilling depth	Fastening thickness	Sales pack quantity	Item number
HPS-1R 5/5X25	M5	27 mm	5 mm	30 mm	5 mm	200 pc	260357 ¹⁾
HPS-1R 5/10X30	M5	32 mm	5 mm	30 mm	10 mm	200 pc	230524
HPS-1R 5/15X35	M5	37 mm	5 mm	30 mm	15 mm	200 pc	260358 ¹⁾
HPS-1R 6/0X25	M6	27 mm	6 mm	40 mm	2 mm	150 pc	238161 ¹⁾
HPS-1R 6/5X30	M6	32 mm	6 mm	40 mm	5 mm	150 pc	260359 ¹⁾
HPS-1R 6/10X35	M6	37 mm	6 mm	40 mm	10 mm	150 pc	230525 ¹⁾
HPS-1R 6/15X40	M6	42 mm	6 mm	40 mm	15 mm	100 pc	260360
HPS-1R 6/25X50	M6	52 mm	6 mm	40 mm	25 mm	100 pc	260361 ¹⁾
HPS-1R 6/40X65	M6	67 mm	6 mm	40 mm	40 mm	100 pc	260362 ¹⁾
HPS-1R 8/10X40	M8	43 mm	8 mm	50 mm	10 mm	100 pc	260363 ¹⁾
HPS-1R 8/30X60	M8	63 mm	8 mm	50 mm	30 mm	50 pc	260364 ¹⁾
HPS-1R 8/60X90	M8	93 mm	8 mm	50 mm	60 mm	50 pc	260365 ¹⁾
HPS-1R 8/80X110	M8	113 mm	8 mm	50 mm	80 mm	50 pc	260366 ¹⁾

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

Please visit Hilti website for the latest item numbers and related products

Light-duty anchor HLD



BASE MATERIALS

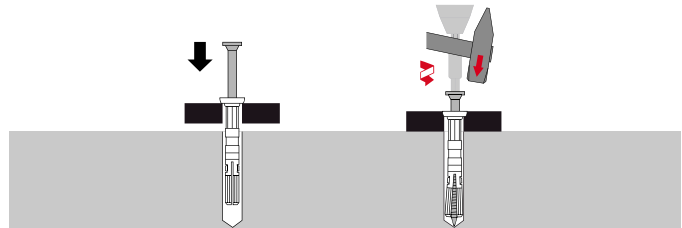
- Concrete (uncracked)
- Drywall
- Masonry (hollow)

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
- Three convenient sizes for use in a variety of hollow base materials from 1/4" drywall to hollow block
- Ribs on the body help prevent the anchor spinning during installation



These are abbreviated instructions which may vary according to the application.

Technical data	
Anchor type	Plastic anchor
Head configuration	Flat head, Round head
Material composition	Polyamide PA 6
Material, corrosion	Plastic
In-service temperature - range	-40 - 80 °C
Installation direction	Wall

Recommended load (kN), safety factor(γ)=5					
Model	Size	Working principle	HLD 2	HLD 3	HLD 4
Concrete at 15N/mm ²	Tensile Load, Nrec	C	0.25	0.40	0.50
	Shear Load, Vrec		0.25	0.40	0.50
Fibre reinforced gypsum panel 12.5mm	Tensile Load, Nrec	A	0.06	-	-
	Shear Load, Vrec		0.06	-	-
Fibre reinforced gypsum panel 2 x 12.5mm	Tensile Load, Nrec	A	-	0.12	-
	Shear Load, Vrec		-	0.12	-
Hollow brick	Tensile Load, Nrec	A / B	0.15	0.15	-
	Shear Load, Vrec		0.15	0.15	-

Remarks:
 1) All the data applies to no edge distance, spacing and other influences
 2) For detail design method, please refer to Fastening Technology Manual

Order Now



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

Please visit Hilti website for the latest item numbers and related products

Hoist anchor point HAP 1.15



APPLICATIONS

- Designed for load lifting applications

ADVANTAGES

- No limitations in load directions, also for use on the wall
- Compact design and low profile
- Two or more HAP 1.15 can be combined to increase the total WLL
- Design meets application requirements for dynamic loads in any direction (dynamic safety factor = 1.8)
- HAP 1.15 is designed for use with standard HST M12 anchors
- Supplied pre-assembled (one piece), no need to assemble individual components

Technical data

Dispenser, setting tool, accessory, Hoist anchor points
tester type



Technical data	
Anchor type	Plastic anchor
Head configuration	Flat head, Round head
Material composition	Polyamide PA 6
Material, corrosion	Plastic
In-service temperature – range	-40 - 80 °C
Installation direction	Wall

Ordering designation	Sales pack quantity	Item number
HAP 1.15	2 pc	2032179

Please visit Hilti website for the latest item numbers and related products

Order Now



Stone undercut anchor HSU-R **NEW**



BASE MATERIALS

- Natural Stone

APPLICATIONS

- Stone cladding fixing

ADVANTAGES

- Easy installation
- Head marking for easy identification
- Gauge for checking drill hole geometry
- Setting mark to verify undercut completion

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



Watch Video



HSU-R (A4 stainless steel)

Ordering designation	Anchor size	Setting depth	External thread length	Sales pack quantity	Item number
HSU-R M6x15/17 w/flange nut	M6	15 mm	17 mm	250 pc	3583063 ¹⁾
HSU-R M8x15/17 w/flange nut	M8	15 mm	17 mm	250 pc	3583064
HSU-R M8x21/17 w/flange nut	M8	21 mm	17 mm	250 pc	3583065

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

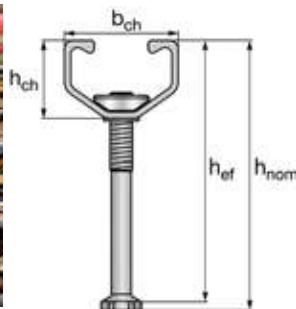
HSU-R setting tools and accessories



Ordering designation	Sales pack quantity	Item number
Setting tool HSU ST-G M6 manual	1 pc	2179452 ¹⁾
Setting tool HSU ST-G M8 manual	1 pc	2179453
Hole inspection gauge HSU IG M6	1 pc	2179450 ¹⁾
Hole inspection gauge HSU IG M8	1 pc	2179451
Drill bit HSU CDB 11/13.5 conveyor	1 pc	2179456 ¹⁾
Drill bit HSU CDB 13/15.5 conveyor	1 pc	2179457
Drilling tool HSU ADT G 220V advanced	1 pc	2193038 ¹⁾

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

Anchor channel HAC



APPLICATIONS

- Fastening curtain wall brackets
- Fastening elevator guide rail brackets for lift car and counter-weight
- Fastening elevator slide door and landing sill
- Fastening M&E system with demanding requirements in terms of flexibility and dust or noise reduction e.g. data center

ADVANTAGES

- Innovative V-shape provides high load resistance and close edge distances
- Faster installation of building services than with traditional anchor fastening method
- Dustless and noiseless fastening method
- Flexibility of use throughout the whole building life cycle

Technical data

Base material	Concrete
Environmental conditions	Indoor, damp conditions
Material composition	Steel, Hot-dip galvanized

Order Now



HAC 40

Ordering designation	Length, l _{ch}	Number of anchors	Anchor distance	Standard embedment depth, h _{ef}	Sales pack quantity	Item number
HAC-40 91/200 F	200 mm	2	150 mm	91 mm	1 pc	2122491 ¹⁾
HAC-40 91/350 F	350 mm	3	150 mm	91 mm	1 pc	2122493
HAC-40 91/550 F	550 mm	3	250 mm	91 mm	1 pc	2122495
HAC-40 91/1050 F	1050 mm	5	250 mm	91 mm	1 pc	2122497 ¹⁾
HAC-40 91/1300 F	1300 mm	6	250 mm	91 mm	1 pc	2122498 ¹⁾
HAC-40 91/1550 F	1550 mm	7	250 mm	91 mm	1 pc	2122499 ¹⁾
HAC-40 91/1800 F	1800 mm	8	250 mm	91 mm	1 pc	2122530 ¹⁾
HAC-40 91/2050 F	2050 mm	9	250 mm	91 mm	1 pc	2122531 ¹⁾
HAC-40 91/2300 F	2300 mm	10	250 mm	91 mm	1 pc	2122532 ¹⁾
HAC-40 91/5800 F	5800 mm	24	250 mm	91 mm	1 pc	2122536 ¹⁾

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

Please visit Hilti website for the latest item numbers and related products

Order Now



HAC 50

Ordering designation	Length, l _{ch}	Number of anchors	Anchor distance	Standard embedment depth, h _{ef}	Sales pack quantity	Item number
HAC-50 106/200 F	200 mm	2	150 mm	106 mm	1 pc	2122537 ¹⁾
HAC-50 106/350 F	350 mm	3	150 mm	106 mm	1 pc	2122539
HAC-50 106/450 F	450 mm	3	200 mm	106 mm	1 pc	2122540 ¹⁾
HAC-50 106/550 F	550 mm	3	250 mm	106 mm	1 pc	2122541 ¹⁾
HAC-50 106/1050 F	1050 mm	5	250 mm	106 mm	1 pc	2122543 ¹⁾
HAC-50 106/2300 F	2300 mm	10	250 mm	106 mm	1 pc	2122548 ¹⁾
HAC-50 106/5800 F	5800 mm	24	250 mm	106 mm	1 pc	2122553 ¹⁾

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

Please visit Hilti website for the latest item numbers and related products

HAC 60

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Ordering designation	Length, l_{ch}	Number of anchors	Anchor distance	Standard embedment depth, h_{ef}	Sales pack quantity	Item number
HAC-60 148/350 F	350 mm	3	150 mm	148 mm	1 pc	431851
HAC-60 148/450 F	450 mm	3	200 mm	148 mm	1 pc	431852 ¹⁾
HAC-60 148/550 F	550 mm	3	250 mm	148 mm	1 pc	431853 ¹⁾
HAC-60 148/1050 F	1050 mm	5	250 mm	148 mm	1 pc	431854 ¹⁾
HAC-60 148/2300 F	2300 mm	10	250 mm	148 mm	1 pc	431855 ¹⁾
HAC-60 148/5800 F	5800 mm	24	250 mm	148 mm	1 pc	431856 ¹⁾

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

Please visit Hilti website for the latest item numbers and related products

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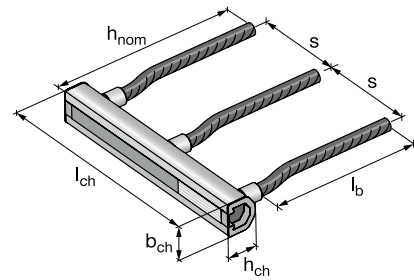
HAC 70

Ordering designation	Length, l_{ch}	Number of anchors	Anchor distance	Standard embedment depth, h_{ef}	Sales pack quantity	Item number
HAC-70 175/350 F	350 mm	3	150 mm	175 mm	1 pc	431861
HAC-70 175/450 F	450 mm	3	200 mm	175 mm	1 pc	431862
HAC-70 175/550 F	550 mm	3	250 mm	175 mm	1 pc	431863 ¹⁾
HAC-70 175/1050 F	1050 mm	5	250 mm	175 mm	1 pc	431864 ¹⁾
HAC-70 175/2300 F	2300 mm	10	250 mm	175 mm	1 pc	431865 ¹⁾
HAC-70 175/5800 F	5800 mm	24	250 mm	175 mm	1 pc	431866 ¹⁾

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

Please visit Hilti website for the latest item numbers and related products

Anchor Channel - Corner Fixing HAC F CRFoS



APPLICATIONS

- Fastening curtain wall brackets in corner

ADVANTAGES

- No welding is required during the installation
- Design in pair for easy installation into formwork (traditional welded corner has difficulty to be inserted into the rebar cage)
- New type of protective, environmentally friendly foam insert (LDPE) and end caps seal the channel effectively, preventing concrete slurry from entering the channel

Technical data	
Environmental conditions	Indoor, damp conditions
Material composition	Steel, Hot-dip galvanized (channel)

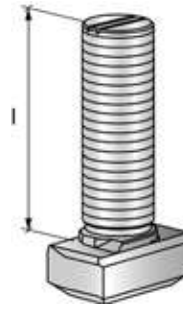
Order Now



Ordering designation	Channel - Profile Height, h_{ch}	Channel - Profile Width, b_{ch}	Length, l_{ch}	Number of rebar	Rebar Leg Diameter	Rebar length, l_b	Effective embedment depth, h_{nom}	Sales pack quantity	Item number
HAC-40 369/350 F CRFoS	28 mm	40.9 mm	350 mm	3	Y10	325 mm	369 mm	1 pc	2062943¹⁾
HAC-50 372/350 F CRFoS	31 mm	41.9 mm	350 mm	3	Y10	325 mm	372 mm	1 pc	2062965¹⁾
HAC-60 415/350 F CRFoS	35.5 mm	43.4 mm	350 mm	3	Y12	360 mm	415 mm	1 pc	2070435¹⁾
HAC-70 444/350 F CRFoS	40 mm	45.4 mm	350 mm	3	Y16	380 mm	444 mm	1 pc	2070268

Please visit Hilti website for the latest item numbers and related products

T-head bolt HBC-C



APPLICATIONS

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

ADVANTAGES

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



Hot-dip galvanized HBC-C

Technical data

Environmental conditions	Indoor, damp conditions
Material composition	Steel, 8.8 grade, hot-dip galvanized (min. 45 µm)
Material, corrosion	Steel, sherardized / hot-dip galvanized



Order Now



Ordering designation	Anchor size	Useable thread length*	Bolt length, l	Sales pack quantity	Item number
HBC-C M12x60 8.8F	M12	51 mm	60 mm	100 pc	2095646
HBC-C M12x80 8.8F	M12	71 mm	80 mm	100 pc	2095647
HBC-C M12x100 8.8F	M12	91 mm	100 mm	100 pc	2095648 ¹⁾
HBC-C M16x60 8.8F	M16	50 mm	60 mm	100 pc	2095650
HBC-C M16x80 8.8F	M16	70 mm	80 mm	50 pc	2095651
HBC-C M16x100 8.8F	M16	90 mm	100 mm	50 pc	2095652
HBC-C M20x60 8.8F	M20	48 mm	60 mm	50 pc	2095653 ¹⁾
HBC-C M20x80 8.8F	M20	68 mm	80 mm	50 pc	2095654 ¹⁾
HBC-C M20x100 8.8F	M20	88 mm	100 mm	50 pc	2095655 ¹⁾

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

* Usable thread length measures the bolt length protruded after inserted the HBC-C into the HAC channel

Please visit Hilti website for the latest item numbers and related products

Hot-dip galvanized notched bolt HBC-C-N

Technical data	
Environmental conditions	Indoor, damp conditions
Tooth configuration	Notched
Material, corrosion	Steel, sherardized / hot-dip galvanized



Order Now



Ordering designation	Anchor size	Useable thread length *	Bolt length, l	Sales pack quantity	Item number
HBC-C-N M16x60 8.8F	M16	51 mm	60 mm	25 pc	2019736 ¹⁾
HBC-C-N M16x80 8.8F	M16	71 mm	80 mm	25 pc	433479
HBC-C-N M16x100 8.8F	M16	91 mm	100 mm	25 pc	2019737 ¹⁾
HBC-C-N M16x150 8.8F	M16	140 mm	150 mm	25 pc	2019738 ¹⁾
HBC-C-N M20x60 8.8F	M20	48 mm	60 mm	50 pc	434345 ¹⁾
HBC-C-N M20x80 8.8F	M20	68 mm	80 mm	50 pc	2019739 ¹⁾
HBC-C-N M20x100 8.8F	M20	88 mm	100 mm	50 pc	434346 ¹⁾
HBC-C-N M20x150 8.8F	M20	138 mm	150 mm	25 pc	2019820 ¹⁾

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

* Usable thread length measures the bolt length protruded after inserted the HBC-C into the HAC channel

Please visit Hilti website for the latest item numbers and related products

Stainless steel HBC-C

Technical data	
Environmental conditions	Outdoor
Material composition	Steel, A4-50
Material, corrosion	Steel, stainless



Order Now



8

Ordering designation	Anchor size	Useable thread length*	Bolt length, l	Sales pack quantity	Item number
HBC-C M12x50 50R	M12	41 mm	50 mm	25 pc	433465 ¹⁾
HBC-C M12x80 50R	M12	71 mm	80 mm	25 pc	433466 ¹⁾
HBC-C M16x60 50R	M16	50 mm	60 mm	50 pc	433472 ¹⁾
HBC-C M16x80 50R	M16	70 mm	80 mm	25 pc	433474 ¹⁾

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

* Usable thread length measures the bolt length protruded after inserted the HBC-C into the HAC channel

Please visit Hilti website for the latest item numbers and related products

Anchor channel HAC-C (A4 stainless steel)



APPLICATIONS

- Fastening of external cladding bracket e.g in wet zone
- Fastening of M&E services in outdoor or corrosive conditions



ADVANTAGES

- Special end caps with nail holes to ease installation of T-head bolts
- Dustless and noiseless fastening method
- Flexibility of use throughout the whole building life cycle



Technical data

Base material	Concrete
Environmental conditions	Outdoor
Material composition	Steel, A4 stainless steel

Ordering designation	T-head bolt size	Length, lch	Number of anchors	Anchor distance	Standard embedment depth, hef	Sales pack quantity	Item number
HAC-C 40/22-300-A4	40/22	300	3	100 mm	79 mm	1 pc	2170266 ¹⁾
HAC-C 40/22-350-A4	40/22	350	3	150 mm	79 mm	1 pc	2170267
HAC-C 40/22-550-A4	40/22	550	3	250 mm	79 mm	1 pc	2170360 ¹⁾
HAC-C 40/22-1550-A4	40/22	1550	7	250 mm	79 mm	1 pc	2170364 ¹⁾
HAC-C 50/30-350-A4	50/30	350	3	150 mm	94 mm	1 pc	2170396
HAC-C 52/34-350-A4	50/30	350	3	150 mm	155 mm	1 pc	2170257

¹⁾ This is non-stock item. For detailed leadtime information, please contact your Hilti representative.

Please visit Hilti website for the latest item numbers and related products

T-head bolt HBC (A4 stainless steel)

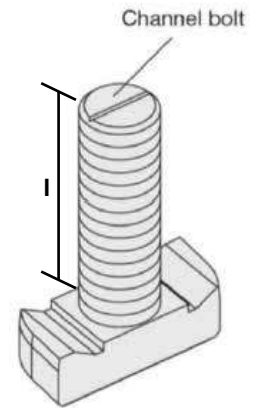


APPLICATIONS

- For use with HAC-C stainless steel anchor channels

ADVANTAGES

- European approval according to latest technical specifications
- Dustless and noiseless fastening method



Technical data

Environmental conditions	Outdoor
Material composition	A4-70 stainless steel

Ordering designation	Anchor size	Usable thread length	Bolt length, l	Sales pack quantity	Item number
HBC-C 40/22-M12x60 A4-70	M12	36.7 mm	60 mm	50 pc	2169081
HBC-C 40/22-M12x80 A4-70	M12	56.7 mm	80 mm	25 pc	2169082 ¹⁾
HBC-C 40/22-M16x60 A4-70	M16	32.2 mm	60 mm	25 pc	2169084
HBC-C 40/22-M16x80 A4-70	M16	52.2 mm	80 mm	25 pc	2169085
HBC-C 50/30-M16x60 A4-70	M16	30.2 mm / 26.7 mm	60 mm	50 pc	2168809
HBC-C 50/30-M16x80 A4-70	M16	50.2 mm / 46.7 mm	80 mm	50 pc	2168810
HBC-C 40/22-M20x60 A4-70	M20	45 mm / 41.5 mm	80 mm	50 pc	2168814 ¹⁾

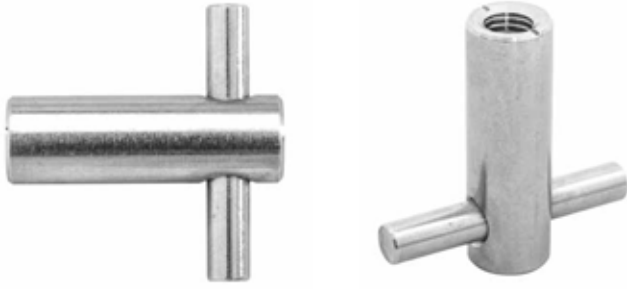
¹⁾ This is non-stock item. For detailed leadtime information, please contact your Hilti representative.

*Usable thread length measures the bolt length protruded after inserted the HBC into the HAC channel.

Please visit Hilti website for the latest item numbers and related products



Cast-in Socket HCS



BASE MATERIALS

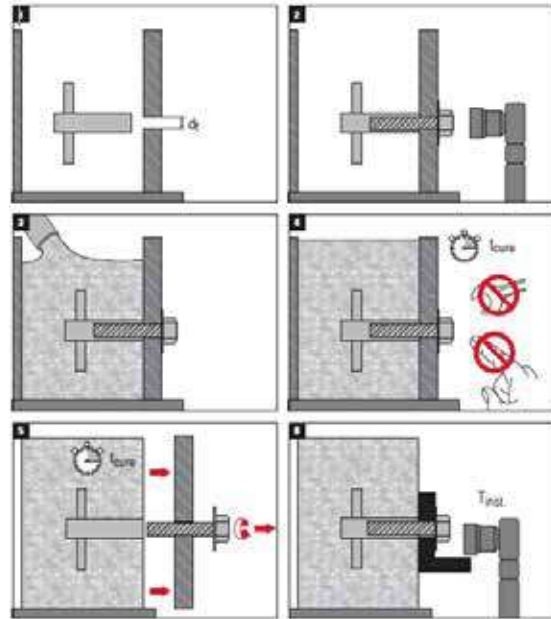
- Concrete
- GRC

APPLICATIONS

- Façade fixing : Louver, GRC & Cladding works
- Precast panel support fixing
- Cooking bench fixing

ADVANTAGES

- Simple to locate on formwork accurately
- Shallow embedment depth required
- No stress impose on the concrete during pouring
- Clear marking for inspection



These are abbreviated instructions which may vary according to the application.

Technical data

Head configuration	Inner thread
Type of fastening	Pre-fastening
HCS – Material Composition	Free cutting steel 1215
HCS – Material, Corrosion	Zinc plating 5µ on free cutting steel
HCS-R – Material Composition	Steel, A4 (SS316)

Recommended load (kN), non-cracked concrete at 25N/mm², safety factor(γ)=3

Model	Size	M8	M10	M12	M16
HCS (8.8)	Tensile Load, Nrec	3.0	4.2	5.8	6.9
	Shear Load, Vrec	4.3	7.1	9.7	12.3
HCS-R (A4-70)	Tensile Load, Nrec	3.0	4.2	5.8	6.9
	Shear Load, Vrec	4.3	6.8	9.9	13.7

Remarks:

- 1) All the data applies to no edge distance, spacing and other influences.
- 2) The loading performance varies depends on the steel grade of the screw or rod used in the HCS.
- 3) The bracket after HCS naming states the data for the steel grade of the screw or rod used.
- 4) For detail design method please refer to Fastening Technology Manual.

Order Now



Ordering designation	Overall Anchor length	Outside Diameter	Allowable Screwing Depth	Effective Anchorage Depth	Max. tightening torque	Clearance hole	Sales pack quantity	Item number
HCS M8x40	40 mm	12 mm	10 / 21 mm	29 mm	8 Nm	9 mm	100 pc	2123086 ¹⁾
HCS M10x50	50 mm	16 mm	12 / 23 mm	36 mm	15 Nm	12 mm	50 pc	2123087 ¹⁾
HCS M12x60	60 mm	19 mm	14 / 26 mm	45 mm	25 Nm	14 mm	50 pc	2123088 ¹⁾
HCS M16x70	70 mm	22 mm	19 / 33 mm	50 mm	50 Nm	18 mm	25 pc	2123089
HCS-R M8x40	40 mm	12 mm	10 / 21 mm	29 mm	8 Nm	9 mm	100 pc	2123350 ¹⁾
HCS-R M10x50	50 mm	16 mm	12 / 23 mm	36 mm	15 Nm	12 mm	50 pc	2123351
HCS-R M12x60	60 mm	19 mm	14 / 26 mm	45 mm	25 Nm	14 mm	50 pc	2123352 ¹⁾
HCS-R M16x70	70 mm	22 mm	19 / 33 mm	50 mm	50 Nm	18 mm	25 pc	2123353 ¹⁾

Please visit Hilti website for the latest item numbers and related products

FIRESTOP AND FIRE PROTECTION SYSTEMS





Firestop Sealants, Sprays

Flexible firestop sealant CP 606	Page 338
Elastomeric silicone sealant CP 601S	Page 339
High performance intumescent firestop sealant FS-ONE MAX	Page 340
Firestop intumescent sealant CP 611A	Page 341
Firestop joint spray CFS-SP WB	Page 343



Firestop Putties

Firestop putty pad CP 617	Page 344
Firestop cable disc CFS-D 1"	Page 345



Firestop Foams

Firestop foam CP 620	Page 346
Firestop foam CFS-F FX	Page 347



Firestop Block and Plug Systems

Firestop block CFS-BL	Page 349
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Firestop Coating Systems, Cushions and Mortars

Firestop mortar CP 636	Page 350
Firestop board, coating CP 670	Page 351
Firestop board CP 670	Page 352
Firestop cushion CP 651N	Page 353



Firestop Collars, Wraps and Bandages

Firestop bandage CFS-B	Page 354
Firestop collar CP 643 N	Page 355
Firestop collar CP 644	Page 356
Firestop collar endless CFS-C EL	Page 357
Firestop wrap strip CP 648-E	Page 358



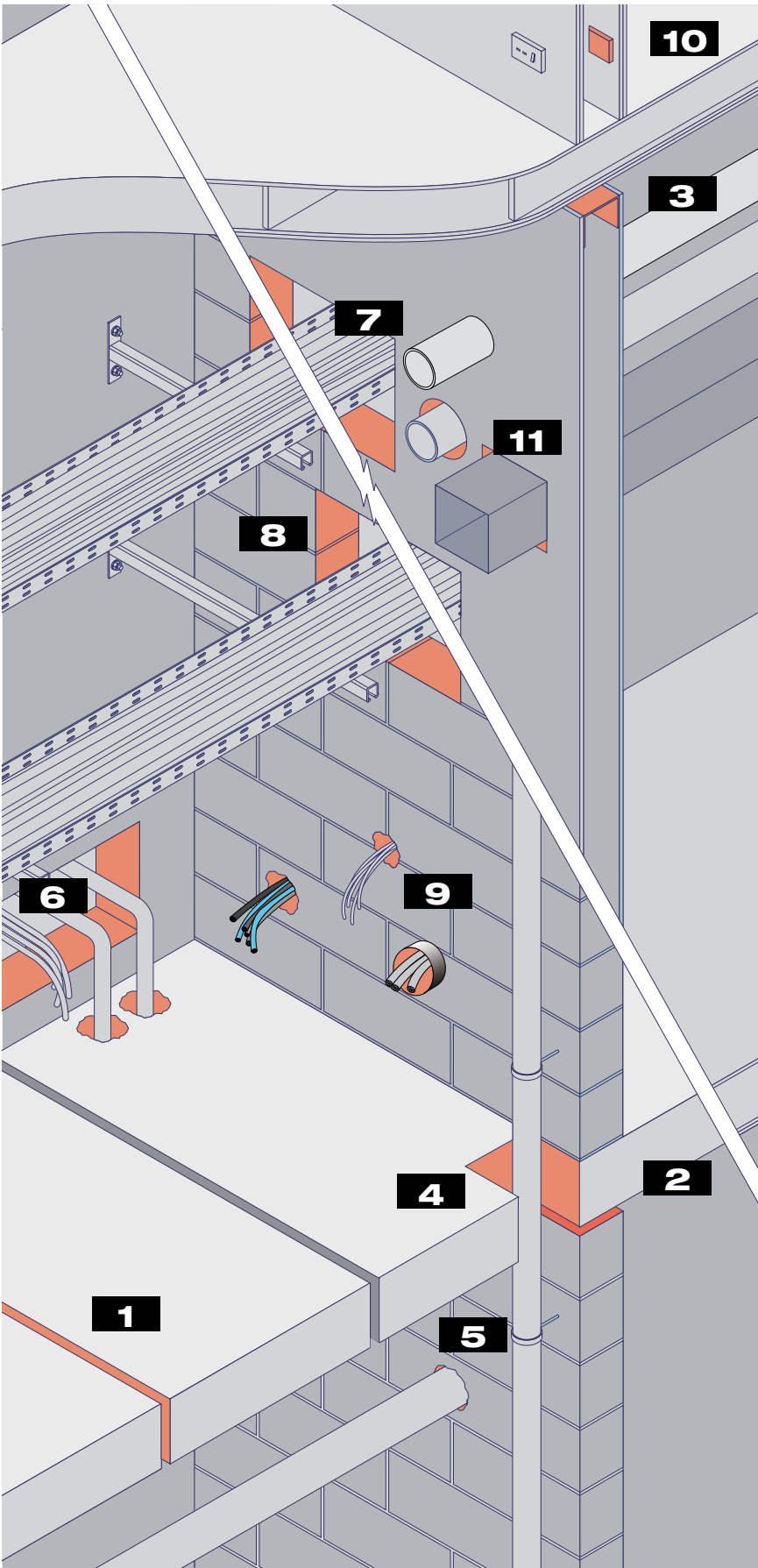
Firestop Cast-In and Sleeve Devices

Firestop sleeve CFS-SL	Page 359
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Cable Protection

Firestop cable coating CP 678	Page 360
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Problem

The illustration on the left indicates a range of typical problems facing the designer.

Construction may consist of:

- concrete
- concrete block
- wood
- gypsum

The problem areas are:

- 1** Movement joints
- 2** Rigid or low movement joints
- 3** Head of wall and perimeter joints
- 4** Metal
- 5** Plastic pipes
- 6** Multiple penetrations, pipes and/or cables
- 7** Cable trays (with permanent sealing of opening during construction, or temporary sealing allowing additional cables to be installed subsequently)
- 8** Cable trays (with permanent sealing of opening during construction)
- 9** Cables (single or bundled)
- 10** Electrical boxes
- 11** Heating/ventilation/air conditioning

Fire resistance rating

To help prevent the rapid spread of fire within a building, certain walls, floors and joints are required to meet a specific fire resistance rating — the period of time during which a building component has been tested to confine a fire or continue to perform a structural function or both. Through-penetrations and joints created during the construction process require the installation of firestop systems in order to bring the wall or floor back up to its or original fire-rating.

Firestopping

It is essential that every penetration or joint in a fire-rated wall or floor is adequately protected by sealing — or “firestopping” — such that the building component is restored to its original fire-rated condition in order to maintain compartmentalization. The quality and excellence of Hilti Firestop Products help ensure that fire, smoke and toxic gases are contained to reduce the tragic loss of human life and damage to property.


























CP PRODUCTS TESTED FOR

At least 13 other types of test have been carried out covering properties such as water tightness, chemical compatability, explosion resistance, radiation resistance, mould resistance, electrical resistance, etc.

CP 606	Low VOC	Fire	Smoke /Gas Tightness	Water Tightness	Acoustic Insulation	Mould & Mildew	Siesmic	30 ans	Resistance to Aging*
CP 601S	Low VOC	Fire	Smoke /Gas Tightness	Water Tightness	Acoustic Insulation	Mould & Mildew	Siesmic	30 ans	Resistance to Aging*
FS-One Max	Low VOC	Fire	Smoke /Gas Tightness	Water Tightness	Acoustic Insulation	Mould & Mildew	Siesmic	30 ans	Resistance to Aging*
CP 611A	Low VOC	Fire	Smoke /Gas Tightness	Water Tightness	Acoustic Insulation	Mould & Mildew	Siesmic	30 ans	Resistance to Aging*
CFS-SP WB	Low VOC	Fire	Smoke /Gas Tightness	Water Tightness	Acoustic Insulation	Mould & Mildew	Siesmic	30 ans	Resistance to Aging*
CP 617	Low VOC	Fire			Acoustic Insulation	Mould & Mildew			PLANNED
CFS-D 1"	Low VOC	Fire	WITH SEALANT			Mould & Mildew			PLANNED
CP 620	Low VOC	Fire	Smoke /Gas Tightness	Water Tightness	Acoustic Insulation	Mould & Mildew	Siesmic	30 ans	Resistance to Aging*
CFS-F FX	Low VOC	Fire	Smoke /Gas Tightness		Acoustic Insulation	Mould & Mildew	Siesmic	30 ans	Resistance to Aging*
CFS-BL	Low VOC	Fire	Smoke /Gas Tightness		Acoustic Insulation	Mould & Mildew	Siesmic	30 ans	Resistance to Aging*
CP 636	Low VOC	Fire			Acoustic Insulation	Mould & Mildew	Siesmic	30 ans	Resistance to Aging*
CP 670	Low VOC	Fire	Smoke /Gas Tightness	Water Tightness	Acoustic Insulation	Mould & Mildew	Siesmic	30 ans	Resistance to Aging*
CP 651 N		Fire	WITH SEALANT		Acoustic Insulation	Mould & Mildew		30 ans	Resistance to Aging*
CFS-B	Low VOC	Fire	WITH SEALANT	WITH SEALANT	Acoustic Insulation	Mould & Mildew	Siesmic	30 ans	Resistance to Aging*
CP 643	Low VOC	Fire	WITH SEALANT	WITH SEALANT	NOT APPLICABLE	Mould & Mildew	Siesmic	30 ans	Resistance to Aging*
CP 644		Fire	WITH SEALANT	WITH SEALANT	NOT APPLICABLE	Mould & Mildew	Siesmic	30 ans	Resistance to Aging*
CFS-C EL	Low VOC	Fire	WITH SEALANT	WITH SEALANT	Acoustic Insulation	Mould & Mildew		30 ans	Resistance to Aging*
CP 648-E	Low VOC	Fire	WITH SEALANT	WITH SEALANT	Acoustic Insulation	Mould & Mildew	Siesmic	30 ans	Resistance to Aging*
CFS-SL	Low VOC	Fire			Acoustic Insulation	Mould & Mildew	Siesmic	30 ans	Resistance to Aging*
CP 678	Low VOC	Fire				Mould & Mildew	Siesmic		PLANNED

* Fire resistance test reports / approvals / certificates normally do not contain any information on the service life of a firestop product / assembly. By carrying out own additional ageing tests which simulate extreme temperature / humidity conditions, Hilti provides its customers with a very high level information on product reliability and service life expectancy of the Hilti firestop systems. On the basis of the ageing cycles obtained in these test procedures as well as of 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.

PRODUCTS APPROVALS AND TESTING

					Page
CP 606	British Standard BS 476-20	BS EN 1366-3			338
CP 601S	British Standard BS 476-20	BS EN 1366-3			339
FS-One Max	British Standard BS 476-20				340
CP 611A	British Standard BS 476-20	BS EN 1366-3			341
CFS-SP WB		BS EN 1364-4 BS EN 1364-3			342
CP 617	British Standard BS 476-20	BS EN 1364-1			344
CFS-D 1"	British Standard BS 476-20	BS EN 1364-1			349
CP 620	British Standard BS 476-20				346
CFS-F FX		BS EN 1366-3			347
CFS-BL	British Standard BS 476-20	BS EN 1366-3			349
CP 636	British Standard BS 476-20	BS EN 1366-3			350
CP 670	British Standard BS 476-20	BS EN 1366-3			351-352
CP 651 N	British Standard BS 476-20	BS EN 1366-3			353
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CP 643	British Standard BS 476-20	BS EN 1366-3			355
CP 644	British Standard BS 476-20	BS EN 1366-3			356
CFS-C EL	British Standard BS 476-20	BS EN 1366-3			357
CP 648-E	British Standard BS 476-20	BS EN 1366-3			358
CFS-SL	British Standard BS 476-20	BS EN 1366-3			359
CP 678	British Standard BS 476-20				360

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, are subject to the following conditions which must be strictly observed by the user with regard to the respective Hilti firestop system:

- Strict adherence to the Hilti's operating, setting, installing and other technical instructions;
- Rigorous compliance with all other conditions set 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 condition in the respective field of application.

Flexible firestop sealant CP 606



APPLICATIONS

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

ADVANTAGES

- Paintable
- Easy to clean up with water
- Smoke, fume and water resistant



Technical data

Chemical basis	Water-based acrylic dispersion
Base materials	Concrete, Masonry, Drywall, Steel
Movement¹⁾	±12.5% (ISO 11600)
Approx. tack-free time (ventilated at 77°F, 80% rel. humidity)	20 min
Approx. curing time²⁾	3 mm/3 days
Average volume shrinkage	22.2%
Application temperature range	5 - 40 °C
Temperature resistance range	-30 - 80 °C
Storage and transportation temperature range	5 - 25 °C
Shelf life³⁾	24 Months

¹⁾ according to HTC 1250

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

³⁾ at 77°F/25°C and 50% relative humidity; from date of manufacture



Consumption Guide

Cartridge volume = 310 ml (CP 606)

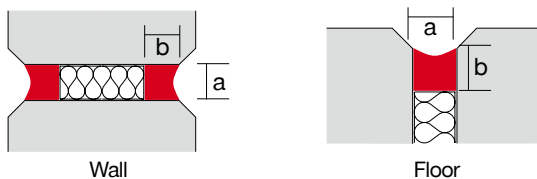
a = Joint width in mm

b = Sealant depth in mm

$$\text{Linear metre per cartridge} = \frac{\text{Cartridge volume in ml}}{a \times b}$$

e.g. a floor 20 mm wide with product depth of 10 mm; with 310 ml cartridge:

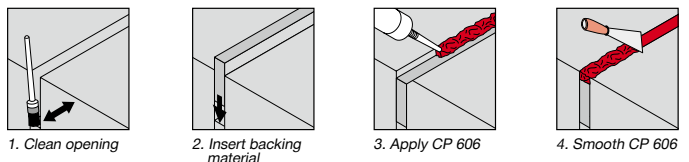
Therefore linear metres per cartridge = $310 / (20 \times 10) = 1.55$ metre per cartridge for one side of the floor



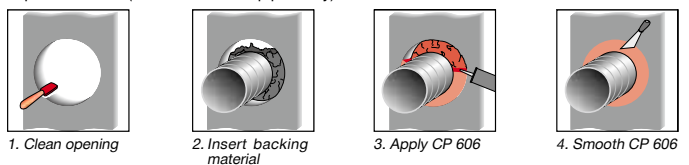
Joint width (mm)	0-15	16-20	21-30
Sealant depth (mm)	6	10	15

Application Procedure

Joint installation



Pipe installation (non-combustible pipes only)



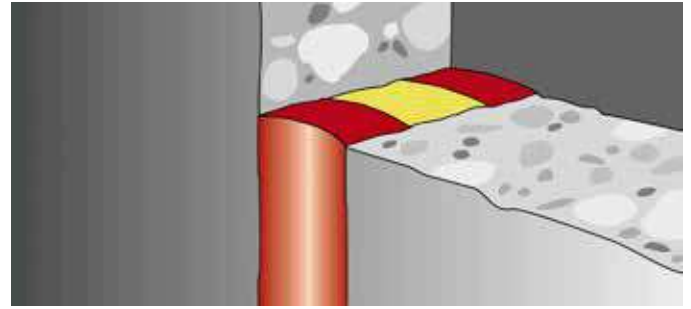
Order Now



Ordering designation	Colour	Volume per unit	Packaging	Sales pack quantity	Item number
CP 606 310ml INT grey	Grey	310 ml	Cartridge	1 pc	209630
CP 606 580ml INT grey	Grey	580 ml	Foil pack	1 pc	209633
CP 606 310ml white	White	310 ml	Cartridge	1 pc	209625
CP 606 580ml white	White	580 ml	Foil pack	1 pc	209632

Please visit Hilti 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
- Suitable for outdoor use
- 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
Movement¹⁾	± 25% (ISO 11600)
Approx. tack-free time (ventilated at 77°F, 80% rel. humidity)	15 min
Approx. curing time²⁾	2 mm/3 days
Average volume shrinkage	5 %
Application temperature range	5 - 40 °C
Temperature resistance range	-40 - 160 °C
Storage and transportation temperature range	5 - 25 °C
Shelf life³⁾	12 Months

¹⁾ according to HTC 1250

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

³⁾ at 77°F/25°C and 50% relative humidity; from date of manufacture



Consumption Guide

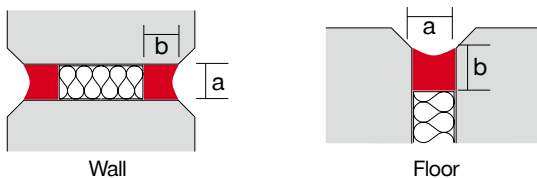
Cartridge volume = 310 ml (CP 601S)

a = Joint width in mm

b = Sealant depth in mm

$$\text{Linear metre per cartridge} = \frac{\text{Cartridge volume in ml}}{a \times b}$$

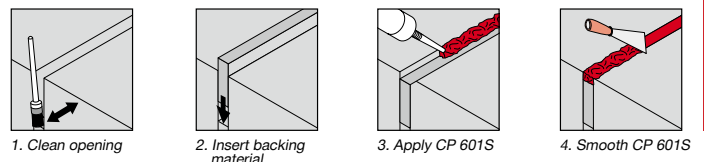
e.g. a floor 50 mm wide with product depth of 15 mm; with 310 ml cartridge:
Therefore linear metres per cartridge = 310/(50 x 15) = 0.41 metre per cartridge
for one side of the floor



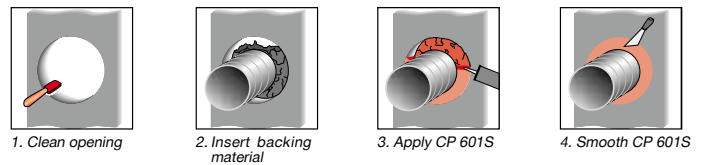
Joint width (mm)	0-15	16-100
Sealant depth (mm)	6	15

Application Procedure

Joint installation



Pipe installation (non-combustible pipes only)



9

Order Now



Ordering designation	Colour	Volume per unit	Packaging	Sales pack quantity	Item number
CP 601S 310ML grey	Grey	310 ml	Cartridge	1 pc	310635
CP 601S 600ML grey	Grey	600 ml	Foil pack	1 pc	312111 ¹⁾
CP 601S 310ML white	White	310 ml	Cartridge	1 pc	310633
CP 601S 600ML white	White	600 ml	Foil pack	1 pc	310637 ¹⁾

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

Please visit Hilti website for the latest item numbers and related products

Customer Hotline: Hong Kong 8228 8118, Macau 00800 8228 8118 Email: hksales@hilti.com

High performance intumescent firestop sealant FS-ONE MAX



APPLICATIONS

- For effectively sealing most common through penetrations in a variety of base materials
- Copper and EMT pipes
- Insulated steel and copper pipes
- Single cables and cable bundles
- Closed or vented plastic pipes
- HVAC penetrations

ADVANTAGES

- One product for most firestop applications
- Cost-effective solution
- Easy to work with and fast cleanup



Technical data	
Chemical basis	Water-based acrylic dispersion
Base materials	Concrete, Concrete block, Metal, Wood, Gypsum
Expansion ratio (unrestricted, up to)	1:5
Approx. curing time¹⁾	4 mm/3 days
Average volume shrinkage	19.4 %
Application temperature range	5 - 40 °C
Temperature resistance range	-20 - 100 °C
Storage and transportation temperature range	5 - 25 °C
Shelf life²⁾	18 Months

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

²⁾ at 77°F/25°C and 50% relative humidity; from date of manufacture



Consumption Guide

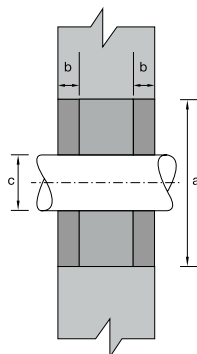
Cartridge size = 310 ml (FS-ONE)

Sealing volume in wall application (installation on both sides) $V_s = \frac{\pi}{4} \times (a^2 - c^2) \times 2b$

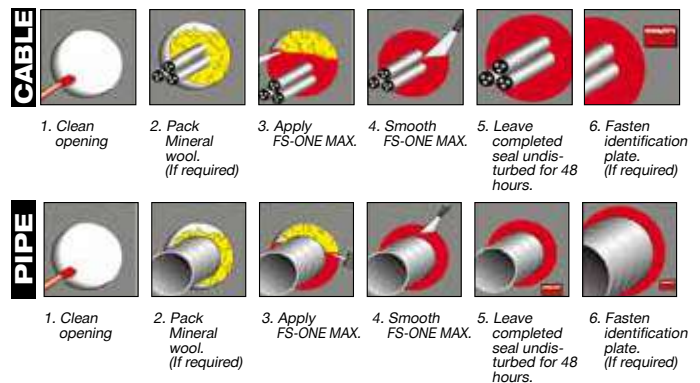
Sealing volume in floor application (installation on one side only) $V_s = \frac{\pi}{4} \times (a^2 - c^2) \times b$

a = hole diameter in cm
b = installation depth in cm (see approvals)
c = outside diameter of pipe or bunched cable diameter in cm

No. of cartridges needed,
 $n = \frac{V_s}{\text{cartridge volume in ml}}$



Application Procedure



Order Now



Ordering designation	Colour	Volume per unit	Packaging	Sales pack quantity	Item number
FS-ONE MAX 10.1OZ CART	Red	300 ml	Cartridge	1 pc	2101534

Please visit Hilti website for the latest item numbers and related products

Firestop intumescent sealant CP 611A

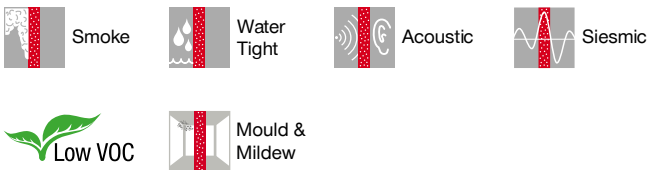


APPLICATIONS

- 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, Concrete block, Metal, Wood, Gypsum
Movement¹⁾	No
Expansion ratio (unrestricted, up to)	1:10
Approx. tack-free time (ventilated at 77°F, 80% rel. humidity)	15 min
Approx. curing time²⁾	3 mm/3 days
Application temperature range	5 - 40 °C
Temperature resistance range	-40 - 100 °C
Storage and transportation temperature range	5 - 25 °C
Shelf life³⁾	12 Months

¹⁾ according to HTC 1250

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

³⁾ at 77°F/25°C and 50% relative humidity; from date of manufacture



Consumption Guide

Cartridge size = 310 ml (CP 611A)

Sealing volume in wall application
(installation on both sides)

$$V_s = \frac{\pi}{4} \times (a^2 - c^2) \times 2b$$

Sealing volume in floor application
(installation on one side only)

$$V_s = \frac{\pi}{4} \times (a^2 - c^2) \times b$$

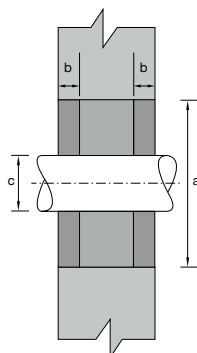
a = hole diameter in cm

b = installation depth in cm (see approvals)

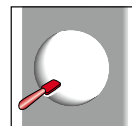
c = outside diameter of pipe or bunched cable diameter in cm

No. of cartridges needed,

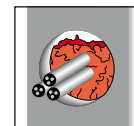
$$n = \frac{V_s}{310 \text{ (ml)}}$$



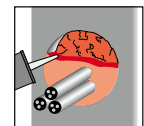
Application Procedure



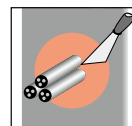
1. Clean opening



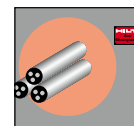
2. Depending on required integrity, pack in mineral wool or foam



3. Apply CP 611A



4. Smooth CP 611A



5. Fasten installation plate in place (if required)



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

Please visit Hilti website for the latest item numbers and related products

Accessories for Firestop Sealants

Ordering designation		CP 606	CP 601S	FS-ONE MAX	CP 611A	Sales pack quantity	Item number
Dispenser CFS-DISP 310 ml cartridge dispenser		■	■	■	■	1 pc	2005843
Dispenser CS 270-P1 600 ml foil pack dispenser		■	■			1 pc	24669

Please visit Hilti 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 or vertical wall 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



Smoke



Water Tight



Acoustic



Seismic



Low VOC

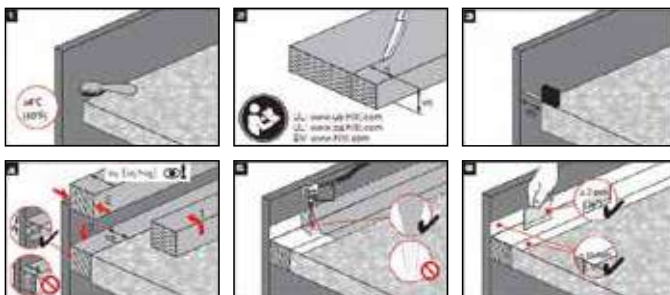


Mould & Mildew

Consumption Guide (per 19000 ml bucket)

Joint width (mm)	With overlap 15 mm both sides (mm)	Meters per 19 litres pail (meters)
25	55	110
50	80	75
100	130	45
150	180	35
200	230	25

Application Procedure



Technical data

Chemical basis	Water-based acrylic dispersion
Base materials	Concrete, Masonry, Gypsum, Steel, Aluminium, Glass
Movement¹⁾	Up to 50 %
Approx. tack-free time (ventilated at 77°F, 80% rel. humidity)	180 min
Approx. curing time²⁾	3 mm/day
Average volume shrinkage	0.511
Application temperature range	4 - 40 °C
Temperature resistance range	-40 - 80 °C
Storage and transportation temperature range	4 - 25 °C
Shelf life³⁾	12 Months
Smoke leakage (BS EN 12101-1)	0.5m ³ /h/m ² at 25Pa ambient temperature at both ambient temperature and medium temperature 200°C
Coating thickness	3mm (required wet film thickness) 1.5mm (single dry film thickness)
Surface burning characteristics (ASTM E 84-06)	Flame spread: 5 Smoke development: 10
Sound transmission classification (ASTM E 90-00)	59 db
Content	19 L (25.5kg)
Shelf life after production	12 months (stored in a dry place)
Mineral wool thickness	Minimum 100mm

¹⁾ according to HTC 1250

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

³⁾ at 77°F/25°C and 50% relative humidity; from date of manufacture



Order Now

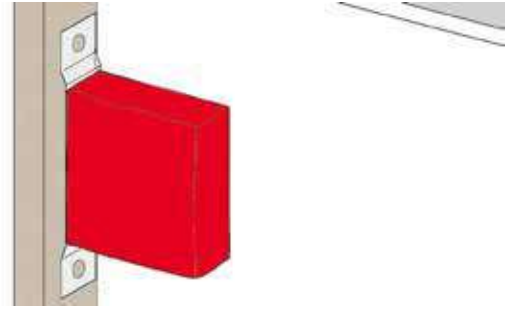
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Ordering designation	Colour	Volume per unit	Packaging	Sales pack quantity	Item number
CFS-SP WB red	Red	19000 ml	Bucket	1 pc	430815

Please visit Hilti website for the latest item numbers and related products

Firestop putty pad CP 617



APPLICATIONS

- Can be used for commercial and residential applications
- Acoustically rated drywall - sound transmission classification 59 according to ASTM E90-97 (based on specific construction)
- General gypsum wall assemblies with wood or metal studs
- Socket Box, lift call button, lift indicator panel

ADVANTAGES

- Excellent adhesion to gypsum, metal and plastic
- No oil migration, putty remains flexible over time
- Pad can be moulded by hand without leaving residue on the hands
- Quick and simple to install
- Not electrically conductive



Acoustic



Low VOC



Mould & Mildew

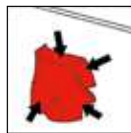
Application Procedure



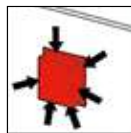
1. Remove label from one side of CP 617



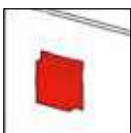
2. Adhere CP 617 to application



3. Reshape CP 617 fit around box



4. Press CP 617 to all sides of application



5. Remove other side of label

Technical data

Colour	Red
Electrical resistance data	Non-conductive
Acoustic insulation	Yes
Intumescent	Yes
Application temperature range	0 - 40 °C
Temperature resistance range	-20 - 60 °C
Storage and transportation	-5 - 40 °C
Acoustic index (Tested to DIN EN20140)	64 dB



Order Now



Watch Video



Ordering designation	Package contents	Sales pack quantity	Item number
CP 617 6"x7"	1x Firestop putty pad CP 617 6"x7"	20 pc	309760
CP 617 XL 9"x9"	1x Firestop putty pad CP XL 617 9"x9"	20 pc	373387

Please visit Hilti website for the latest item numbers and related products

Firestop cable disc CFS-D 1" **NEW**



APPLICATIONS

- Pre-formed firestopping solution for single cables and small cable bundles in openings up to max. 25 mm
- All cable types currently and commonly used in building practice in Europe (e.g. power, control, signal, telecommunications, emergency and optical fibre cables)
- For use on drywall, masonry and concrete
- Suitable for plastic and metal conduits
- Covers regular and irregular openings (including blank openings)

ADVANTAGES

- Simple – sealant-free installation
- No backfilling material required
- Fast – installed in 10 seconds
- Powerful – broad application range
- Surface-mounted solution
- Minimises waste



Smoke



Mould & Mildew



Acoustic



Low VOC

Technical data	
Colour	Red
Base materials	Concrete, Masonry, Drywall
Application temperature range	0 - 40 °C
Acoustics performance	Test report available
Approx. density	1600 kg/m ³
Mold and mildew performance	Class 0 (EN ISO 846)
Intumescent	No
Approvals	ETA-16/0050
Can be painted	No
Electrical resistance data	Non-conductive
European VOC	Available
Packaging	Box



Order Now



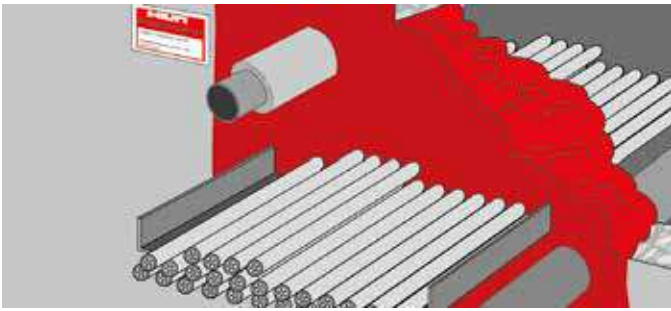
Watch Video



Ordering designation	Package contents	Sales pack quantity	Item number
CFS-D 1"	1x Firestop cable disc CFS-D 1"	32 pc	2116246

Please visit Hilti 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	
Chemical basis	Two-component polyurethane foam
Colour	Red
Base materials	Concrete, Masonry, Drywall
Volume per unit	300 ml
Foam yield (up to)	1.9 l
Approx. cut time (at 23°C / 50% rel. humidity)	2 min
Application temperature range	0 - 40 °C
Temperature resistance range	-30 - 100 °C
Storage and transportation temperature range	5 - 25 °C
Shelf life ¹⁾	9 months

¹⁾ at 77°F/25°C and 50% relative humidity; from date of manufacture



Consumption Guide

Foam installation thickness: 145
No. of CP 620 cartridges

size of opening (mm x mm)	Cable loading (as % of opening size)			
	0%	10%	30%	60%
50 x 100	1	1	1	1
100 x 100	1	1	1	1
100 x 150	2	2	1	1
100 x 200	2	2	2	1
100 x 250	3	2	2	1
100 x 300	3	3	2	1
200 x 200	4	3	3	2
200 x 225	4	4	3	2
200 x 250	5	4	3	2
200 x 300	5	5	4	2
200 x 350	6	6	4	3
200 x 400	7	6	5	3
300 x 300	8	7	6	3
300 x 330	8	8	6	4
300 x 400	10	9	7	4
400 x 400	13	12	10	6
400 x 500	17	15	12	7

Application Procedure

1. Hold the cartridge with the nozzle pointing upwards and unscrew the cap. Do not point towards people.
2. Fit the mixer and screw securely.
3. Release the dispenser and pull back the piston rod.
4. Insert the cartridge in the dispenser.
5. Discard the unevenly mixed initial quantity.
6. Apply CP 620, building up a seal by working from the back towards the front.
7. Attach the installation plate (if required).



Ordering designation	Volume per unit	Package contents	Sales pack quantity	Item number
CP 620	300 ml	1x Firestop foam CP 620 EN/DE/FR/IT/NL/TH	1 pc	2025083

Please visit Hilti website for the latest item numbers and related products

Firestop foam CFS-F FX NEW



APPLICATIONS

- Mechanical: Non-combustible (metal) pipes with mineral wool/ non-flammable insulation, small combustible (plastic) pipes
No smoke/gastight additional sealing and no backing material required
- Electrical: Single cables, cable bundles, cable tray and trunking

ADVANTAGES

- 3-phase technology with optimum application characteristics (easily-shapeable foam)
- Easily applied using a Hilti cordless electric dispenser
- Neat and tidy application
- Very quick and easy to install and provides a reliable firestop seal with only one product
- Maintenance and retrofitting of cables is very easy
- Reliable sound insulation properties, due to the flexible foam structure



Smoke



Acoustic



Seismic



Low VOC



Mould & Mildew

Consumption Guide

Wall thickness: 150

Surface area of seal (m ²)	Opening diameter of seal (mm)	Opening size of seal (mm x mm)	Volume (litre), no cable load
0.01	ø 120	100 x 100	1.50
0.02	ø 160	100 x 200	3.00
0.03	ø 200	100 x 300	4.50
0.04	ø 220	200 x 200	6.00
0.05	ø 250	200 x 250	7.50
0.06	ø 280	200 x 300	9.00
0.07	ø 300	200 x 350	10.50
0.08	ø 320	200 x 400	12.00
0.09	ø 340	300 x 300	13.50
0.1	ø 350	300 x 330	14.85
0.16	--	400 x 400	24.00

No. of CFS-F FX foil packs
Wall thickness: 150

Surface area of seal (m ²)	Cable loading (as % of opening size)			
	0%	10%	30%	60%
0.01	<1	<1	<1	0.5
0.02	<2	<2	1.5	<1
0.03	<3	<2.5	<2	<1.5
0.04	3.5	<3.5	2.5	1.5
0.05	<4.5	<4	3.0	<2
0.06	5.5	<5	<4	<2.5
0.07	6.0	<5.5	<4.5	<2.5
0.08	<7	<6.5	<5	<3
0.09	<8	<7	<5.5	<3.5
0.1	8.5	7.5	6.0	3.5
0.16	<13.5	<12.5	<9.5	<5.5

Ordering designation	Volume per unit	Package contents	Sales pack quantity	Item number
CFS-F FX	325 ml	1x Firestop foam CFS-F FX	1 pc	429802

Technical data	
Chemical basis	Two-component polyurethane foam
Colour	Red
Base materials	Concrete, Masonry, Drywall
Volume per unit	325 ml
Foam yield (up to)	2.1 l
Approx. cut time (at 23°C / 50% rel. humidity)	10 min
Application temperature range	10 - 35 °C
Temperature resistance range	-30 - 60 °C
Storage and transportation temperature range	5 - 25 °C
Shelf life ¹⁾	9 Months

¹⁾ at 77°F/25°C and 50% relative humidity; from date of manufacture



Application Procedure







1. Clean the opening to be sealed
2. Slide the foil pack into the holder
3. Screw the mixing nozzle all the way onto the foil pack and tighten it securely
4. Insert the holder containing the foil pack into the dispenser
5. Discard the unevenly mixed initial quantity
6. Apply the firestop foam in the opening to be sealed
7. Shaped or smoothed by hand (if necessary) after 5mins (approx.) and can be cut after 10mins (approx.)

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Please visit Hilti website for the latest item numbers and related products

Customer Hotline: Hong Kong 8228 8118, Macau 00800 8228 8118 Email: hksales@hilti.com

Accessories for Firestop Foams

Ordering designation		CP 620	CFS-F FX	Sales pack quantity	Item number
Extension tube CP 620-EXT		■		12 pc	338716 ¹⁾
Mixer CP 620-M		■		12 pc	338718 ¹⁾
Mixer HIT-RE-M			■	1 pc	337111
Dispenser DSC		■		1 pc	338720
HDM 500 CB			■	1 pc	3553453
HDE 500-A22			■	1 pc	2005637

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

Please visit Hilti website for the latest item numbers and related products

Firestop block CFS-BL

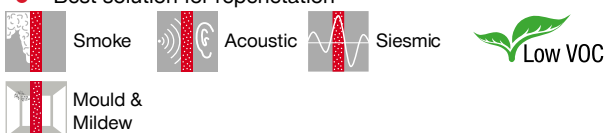


APPLICATIONS

- Temporary or permanent sealing around cables, cable bundles and cable trays in wall and floor openings
- Cables, cable bundles and cable trays

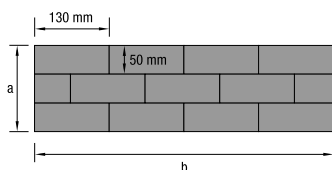
ADVANTAGES

- Easy to install, no electric tools required
- Economical installation as the block is pre-cured and ready-to-use
- Painting of cables with firestop coating is not required
- Installation of cables with zero separation to the edge of the penetration is possible
- Best solution for re-penetration



Consumption Guide

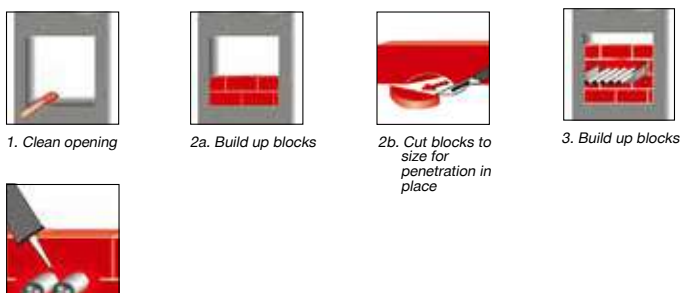
Brick dimension 200 x 130 x 50 mm
 a = opening width in cm
 b = opening length in cm



Opening with 30% cross sectional area of services multiply the results by 0,7
 Opening with 50% cross sectional area of services, multiply the results by 0,5

Header orientation e.g. 1 metre by 1 metre opening
 Blank opening = $\frac{a \times b}{65}$ Number of bricks required = $\frac{100 \times 100}{65} = 154$ bricks

Application Procedure



4. Fill gaps with FS-ONE MAX3 / CP 611A

Technical data	
Chemical basis	PU
Dimensions (LxWxH)	200 x 130 x 50 mm
Expansion temperature (approx.)	200 °C
Expansion ratio (unrestricted, up to)	1:3
Reaction to fire class (EN 13501-1)	E
Application temperature range	5 - 40 °C
Colour	Red
Storage and transportation temperature range	-5 - 40 °C



Ordering designation	Package contents	Sales pack quantity	Item number
CFS-BL	1x Firestop block CFS-BL	1 pc	2062863

Please visit Hilti website for the latest item numbers and related products

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
- Lift door frame

ADVANTAGES

- Excellent application characteristics

Technical data

Base materials	Concrete, Masonry
Approx. mix ratio	3:1 (mortar to water by weight)
Working time (approx.)	45 min
Cured density - min.	700 kg/m ³
Max. compressive strength after 28 days	2.9 N/mm ²
Application temperature range	5 - 80 °C
Temperature resistance range	-10 - 80 °C
Storage and transportation temperature range	5 - 30 °C
Shelf life¹⁾	12 Months
Colour	Grey

¹⁾ at 77°F/25°C and 50% relative humidity; from date of manufacture



Acoustic



Seismic



Low VOC



Mould & Mildew

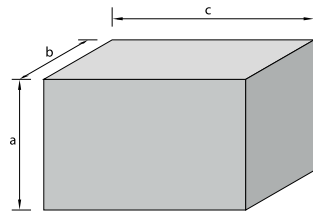
Consumption Guide

20 kg bags yield 22.2 litres

a = opening depth in cm

b = opening length in cm

c = opening width in cm



Blank Opening

$$\text{Number of bags required} = \frac{a \times b \times c}{22,000}$$

e.g. 100 mm thick floor with 1 metre x 1 metre opening:

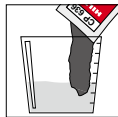
$$\text{Therefore number of bags required} = \frac{10 \times 100 \times 100}{22,000} = 5 \text{ bags}$$



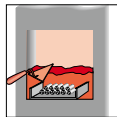
Application Procedure



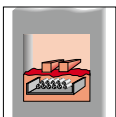
1. Clean opening, moisten surfaces



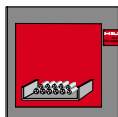
2. Mix CP 636 mortar with 3:1 ratio (by adding mortar to water)



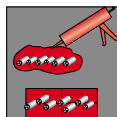
3. Put mortar into place



4. Optional: add CP 651 for future cable changes



5. Fasten installation plate in place (if required)



6. Re-installation: lay cables and close remaining opening

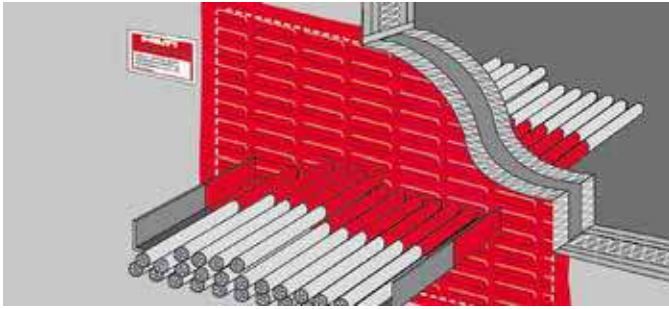
Order Now



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

Please visit Hilti website for the latest item numbers and related products

Firestop board, coating CP 670



APPLICATIONS

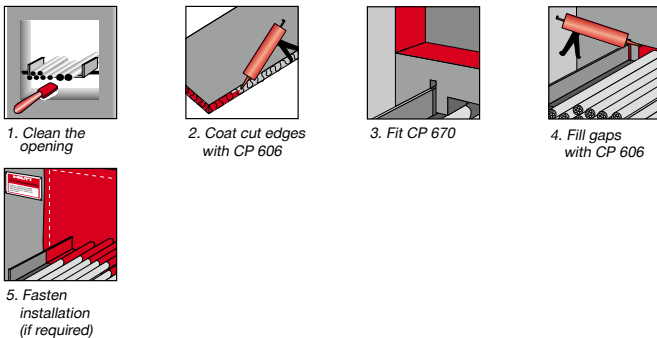
- Permanent firestopping of blank openings, cables, cable trays, non-combustible and combustible pipes in medium to large wall and floor openings
- Ideal for large openings

ADVANTAGES

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



Application Procedure



Technical data	
Base materials	Drywall, Concrete, Masonry
Approx. density	1470 kg/m ³
Application temperature range	5 - 40 °C
Temperature resistance range	-40 - 100 °C
Storage and transportation temperature range	5 - 30 °C
Shelf life ¹⁾	15 Months
Colour	White

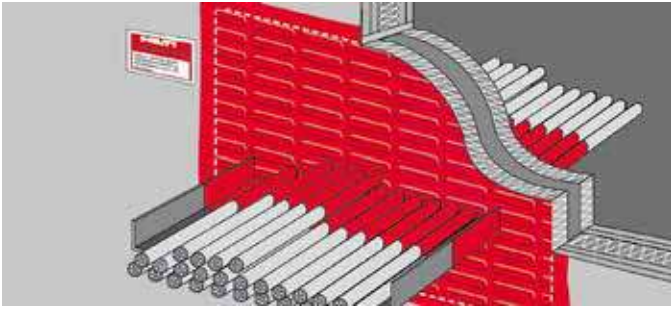
¹⁾ at 77°F/25°C and 50% relative humidity; from date of manufacture



Ordering designation	Weight	Sales pack quantity	Item number
ROCK WOOL 1.2X0.6-50/D160	-	5 pc	3435517
CP 670 6kg	6 kg	1 pc	376023

Please visit Hilti website for the latest item numbers and related products

Firestop board 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

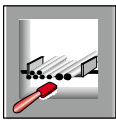
ADVANTAGES

- Board pre-coated for immediate use
- Virtually no cracking or delamination during cutting
- Broad approval range

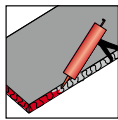
Technical data	
Base materials	Drywall, Concrete, Masonry
Dimensions (LxWxH)	1200 x 600 x 50 mm
Approx. board density	160 kg/m ³
Application temperature range	5 - 40 °C
Temperature resistance range	-40 - 100 °C
Storage and transportation temperature range	0 - 40 °C
Colour	White



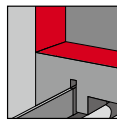
Application Procedure



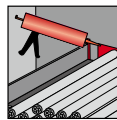
1. Clean the opening



2. Coat cut edges with CP 606



3. Fit CP 670



4. Fill gaps with CP 606



5. Fasten installation (if required)

Order Now



Watch Video



Ordering designation	Dimensions (LxWxH)	Sales pack quantity	Item number
CP 670 1200x600x50 white	1200 x 600 x 50 mm	16 pc	236673

Please visit Hilti website for the latest item numbers and related products

Firestop cushion CP 651N



APPLICATIONS

- Temporary sealing of openings in floors and walls through the 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
- Fully functional immediately after installation
- Tear-resistant and dust-free installation

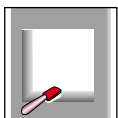


Acoustic

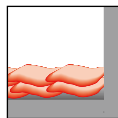


Mould & Mildew

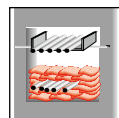
Application Procedure



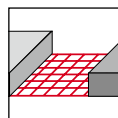
1. Clean opening



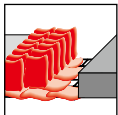
2. Cushion arrangement without cables in wall



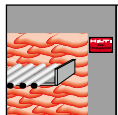
3. Cushion arrangement with cables in wall



4. Fasten wire mesh in place when closing floor openings with cushions



5. Cushion arrangement in floor



6. Fasten installation plate in place (if required)



Technical data	
Base materials	Drywall, Concrete, Masonry
Approx. density	350 kg/m ³
Application temperature range	-30 - 35 °C
Temperature resistance range	-40 - 120 °C
Storage and transportation temperature range	-30 - 40 °C
Colour	White

Order Now



Watch Video



Ordering designation	Dimensions (LxWxH)	Sales pack quantity	Item number
CP 651N-S	300 x 40 x 30 mm	30 pc	382624 ¹⁾
CP 651N-M	300 x 80 x 30 mm	15 pc	382625 ¹⁾
CP 651N-L	300 x 170 x 30 mm	6 pc	382626 ¹⁾

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

Please visit Hilti website for the latest item numbers and related products

Firestop bandage CFS-B



APPLICATIONS

- Firestopping around insulated (hot/cold) non-flammable pipes
- Pipe materials: copper, steel and other metals with heat conductivity lower than that of copper (e.g. cast iron, stainless steel etc.)
- Various insulation materials
- Suitable for use in openings in concrete, masonry block or drywall

ADVANTAGES

- Highly versatile - one product for a variety of insulation materials, pipe materials and pipe diameters
- Quick and easy to install - no drilling or additional tools needed
- No need to interrupt the pipe insulation material within the wall/floor penetration
- Minimal thickness for easy installation in narrow gaps
- Good elasticity for optimum flexibility
- Very good acoustic insulation properties



Smoke



Seismic



Low VOC



Mould & Mildew

Application table

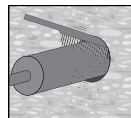
CFS-B (Firestop Bandage - 2 mm thick)

Pipe diameter (mm)	Insulation Thickness (mm)	No. Layers	Reference Wrap length (mm)	No. of penetrations with a 10m roll	Recommended drill hole X (mm)
25	40	2	720	14	121
32	40	2	770	13	128
40	40	2	820	12	136
50	40	2	880	11	146
65	50	2	1100	9	181
80	50	2	1190	8	196
100	50	2	1320	8	216
125	50	2	1480	7	241
150	50	2	1630	6	266
200	50	3	2920	3	319
250	50	3	3390	3	369
300	65	3	4150	2	449
400	65	3	5090	2	549
400	75	3	5280	1,9	569

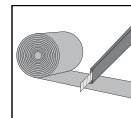
Technical data	
Base materials	Concrete, Masonry, Drywall
Expansion temperature (approx.)	210 °C
Expansion ratio (unrestricted, up to)	1:14
Storage and transportation temperature range	-5 - 50 °C
Length	10 m
Colour	Grey
Thickness	2 mm



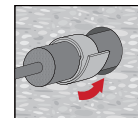
Application Procedure



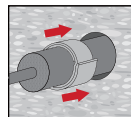
1. Clean the opening. The material around the opening must be dry, in sound condition and free from dust or grease.



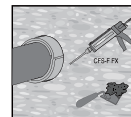
2. Cut Hilti Firestop Bandage CFS-B to fit the outside diameter of the insulation. Ensure 2 layers and an overlap.



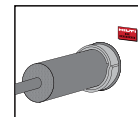
3. Wrap Hilti Firestop Bandage CFS-B around the insulation. Secure the bandage with steel bands or wire (≥ 0.7 mm).



4. Install Hilti Firestop Bandage CFS-B on both sides of the opening to a depth of 62.5 mm (see marking on bandage).



5. Close the remaining gap with the recommend gap filler. Refer to each base material for the correct filler.



6. If it is necessary, an additional insulation plate has to be installed. Mount the installation identification plate beside the opening, if required.

Order Now [Watch Video](#)



Ordering designation	Sales pack quantity	Item number
CFS-B	1 pc	429557

Please visit Hilti website for the latest item numbers and related products

Firestop collar CP 643 N



APPLICATIONS

- Plastic pipes with diameters from 20 - 160 mm
- Suitable for PVC, PE and HDPE pipes
- For use in walls and floors
- Waste water pipes, fresh water pipes, drinking water pipes

ADVANTAGES

- Latch mechanism for quick and easy closure
- Allows correct installation where space is tight
- Flexible tab positioning for convenient fastening
- Ready-to-use product



Siesmic

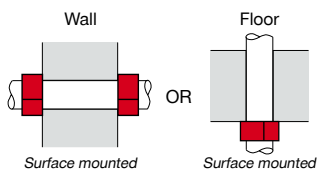


Low VOC



Mould & Mildew

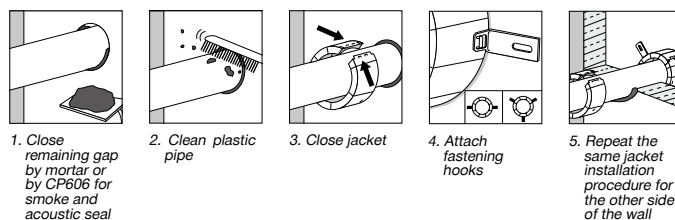
Fixing Method



Technical data

Base materials	Concrete, Masonry, Drywall
Expansion temperature (approx.)	250 °C
Expansion ratio (unrestricted, up to)	1:17
Storage and transportation temperature range	-5 - 50 °C

Application Procedure



Order Now



Ordering designation	Pipe diameter - range	Collar outside diameter	Package contents	Sales pack quantity	Item number
CP643 1.5"/50 N (A2 SS) + HSA-R M6 5/-/-	20- 51 mm	67 mm	2x Std stud anchor HSA-R M6x50 5/-/-, 1x Firestop Jacket CP 643-50/1.5" N (A2 S.S)	1 pc	3503533
CP643 2"/63 N (A2 SS) + HSA-R M6 5/-/-	52 - 64 mm	82 mm	2x Std stud anchor HSA-R M6x50 5/-/-, 1x Firestop jacket CP 643-63/2" N (A2 S.S)	1 pc	3503534
CP643 2.5"/75 N (A2 SS) + HSA-R M6 5/-/-	65 - 78 mm	102 mm	3x Std stud anchor HSA-R M6x50 5/-/-, 1x Firestop jacket CP 643-72/2.5" N (A2 S.S)	1 pc	3503535
CP643 3"/90 N (A2 SS) + HSA-R M6 5/-/-	79 - 91 mm	117 mm	3x Std stud anchor HSA-R M6x50 5/-/-, 1x Firestop jacket CP 643-90/3" N (A2 S.S)	1 pc	3503536
CP643 4"/110 N (A2 SS) + HSA-R M6 5/-/-	92 - 115 mm	146 mm	3x Std stud anchor HSA-R M6x50 5/-/-, 1x Firestop jacket CP 643-110/4" N (A2 S.S)	1 pc	3503538
CP643 5"/125 N (A2 SS) + HSA-R M6 5/-/-	116 - 125 mm	166 mm	4x Std stud anchor HSA-R M6x50 5/-/-, 1x Firestop jacket CP 643-125/5" N (A2 S.S)	1 pc	3503539
CP643 6"/160 N (A2 SS) + HSA-R M6 5/-/-	126 - 170 mm	236 mm	4x Std stud anchor HSA-R M6x50 5/-/-, 1x Firestop jacket CP 643-160/6" N (A2 S.S)	1 pc	3503540

Ordering designation	Pipe diameter - range	Collar outside diameter	Sales pack quantity	Item number
Firestop Jacket CP 643-50/1.5" N (A2 S.S)	20- 51 mm	67 mm	1 pc	3447172
Firestop jacket CP 643-63/2" N (A2 S.S)	52 - 64 mm	82 mm	1 pc	3447193
Firestop jacket CP 643-72/2.5" N (A2 S.S)	65 - 78 mm	102 mm	1 pc	3447194
Firestop jacket CP 643-90/3" N (A2 S.S)	79 - 91 mm	117 mm	1 pc	3447195
Firestop jacket CP 643-110/4" N (A2 S.S)	92 - 115 mm	146 mm	1 pc	3447196
Firestop jacket CP 643-125/5" N (A2 S.S)	116 - 125 mm	166 mm	1 pc	3447197
Firestop jacket CP 643-160/6" N (A2 S.S)	126 - 170 mm	236 mm	1 pc	3447198
CP 643-50/1.5" N	32 - 51 mm	67 mm	1 pc	304325
CP 643-63/2" N	52 - 64 mm	82 mm	1 pc	304326
CP 643-75/2.5" N	65 - 78 mm	102 mm	1 pc	304327
CP 643-90/3" N	79 - 91 mm	117 mm	1 pc	304328
CP 643-110/4" N	92 - 115 mm	146 mm	1 pc	304329
CP 643-125/5" N	116 - 125 mm	166 mm	1 pc	304330
CP 643-160/6" N	126 - 170 mm	236 mm	1 pc	304331

Please visit Hilti website for the latest item numbers and related products

Firestop collar CP 644



APPLICATIONS

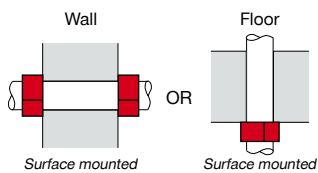
- Sealing flammable pipes from 180 mm to 250 mm in diameter in penetrations through fire compartment walls and floors

ADVANTAGES

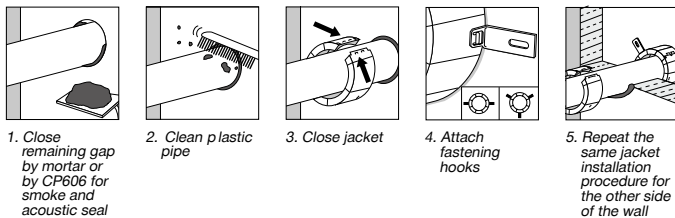
- Ready-to-use firestop collar with a galvanized steel housing
- Latch mechanism for quick and easy closure
- Flexible hook positioning for convenient fastening



Fixing Method



Application Procedure



Technical data	
Base materials	Concrete, Masonry, Drywall
Expansion temperature (approx.)	210 °C
Expansion ratio (unrestricted, up to)	1:17
Storage and transportation temperature range	-5 - 50 °C
Colour	Metallic grey



Order Now



Ordering designation	Collar outer diameter	Sales pack quantity	Item number
CP 644-180/7"	228 mm	1 pc	304339 ¹⁾
CP 644-200/8"	257 mm	1 pc	304340 ¹⁾
CP 644-225/9"	289 mm	1 pc	304342 ¹⁾
CP 644-250/10"	319 mm	1 pc	304343 ¹⁾
CP 644-250/10" US	319 mm	1 pc	304344 ¹⁾

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

Please visit Hilti website for the latest item numbers and related products

Firestop collar endless CFS-C EL **NEW**



APPLICATIONS

- Suitable for use on shaft walls, coated board, drywall, aerated concrete, masonry and concrete
- Zero distance required to CFS-B firestop bandage, CFS-C EL firestop endless collar and Conlit
- Approved for use with PVC, PP, PE and a wide array of standard acoustic pipes.
- Configurations tested include pipe elbows, inclined pipes and pipes with limited clearance to the wall
- Acoustic pipes tested with insulation and sound decoupling

ADVANTAGES

- Flexible solution for waste water, roof drainage and pneumatic pipes
- Problem solver for non-standard applications
- Endless solution: one product for all applications
- Well-suited to complex pipe configurations
- Easy installation



Acoustic



Mould & Mildew

Technical data

Base materials	Drywall, Aerated concrete, Concrete, Masonry
Expansion temperature (approx.)	210 °C
Expansion ratio (unrestricted, up to)	1:19
Storage and transportation temperature range	-30 - 50 °C
Length	3 m



Order Now



Watch Video

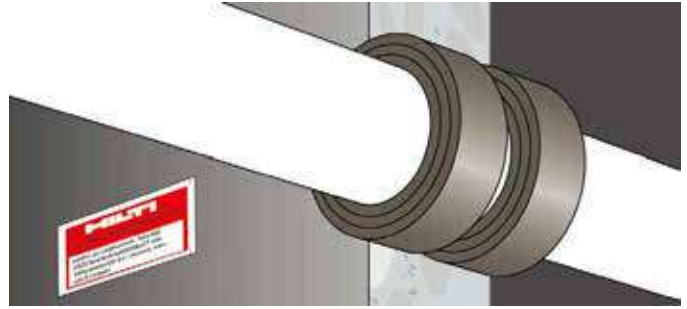


9

Ordering designation CFS-C EL	Pipe diameter - range 16 -160 mm	Package contents 1x Firestop bandage CFS-C EL, 18x Closure plate CFS-C EL, 22x Hook CFS-C EL short	Sales pack quantity 1 pc	Item number 2075120
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Please visit Hilti 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 tools
- Easy to cut
- Fast installation
- Highest flexibility



Acoustic



Siesmic



Low VOC



Mould & Mildew

Technical data

Base materials	Concrete, Masonry, Drywall
Expansion temperature (approx.)	210 °C
Expansion ratio (unrestricted, up to)	1:19
Storage and transportation temperature range	-5 - 50 °C
Length	10 m
Colour	Grey, printed foil
Dimensions (LxWxH)	10000 x 45 x 5 mm
Height	5 mm

Application table

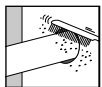
CP 648-E (Firestop Endless Wrap - 4.5 mm thick)

Pipe dimension (mm)	No. layers	Reference wrap length (cm) ^{^^}	No. of penetrations with a 10 m roll	Recommended drill hole X (mm)
20	1	7	142	37 [^]
50	1	17	58	67 [^]
63	1	21	47	77 [^]
75	1	25	40	92 [^]
90	2	64	15	112 [^]
110	2	75.5	13	132 [^]
125	2	85.5	11	152 [^]
160	3	166	6	202 [^]

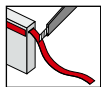
[^] or bigger ^{^^} The wrap length should



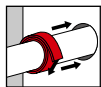
Application Procedure



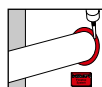
1. Clean the plastic pipe.



2. Cut CP 648-E to the correct length (see measurement table on product packaging for help).

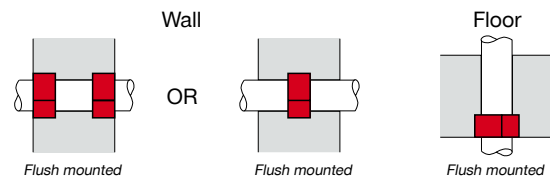


3. Wrap the CP 648-E around the pipe, fasten it with a adhesive tape and push it into the annular space



4. Close remaining gap to ensure smoke and gas tight seal. Fasten installation plate if required.

Fixing Method



Order Now



Ordering designation	Sales pack quantity	Item number
CP 648-E-W45/1.8"	1 pc	304310

Please visit Hilti website for the latest item numbers and related products

Firestop sleeve CFS-SL **NEW**



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

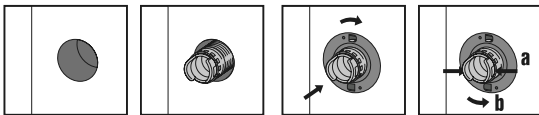
- Quick and easy to install and inspect
- Fully functional immediately after installation
- Robust
- Optimum smoke-restriction performance
- Easy maintenance and retro-fitting of cables

Technical data

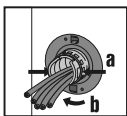
Base materials	Concrete, Masonry, Drywall
Expansion temperature (approx.)	160 °C
Intumescent	Yes
Storage and transportation temperature range	-5 - 50 °C
Application temperature range	-5 - 50 °C
Temperature resistance range	-30 - 100 °C
Approvals	FM, UL, BS, EN
Reusable (and removable)	Possible
Acoustics performance	Test report available



Application Procedure



- 1a. For a 2" sleeve: use a 2.5" hole saw to create a hole.
1b. For a 4" sleeve: use a 4.5" hole saw to create a hole.
2. Insert the sleeve.
3. Insert and spin the flange clockwise onto the device until you reach the wall. Repeat on other side of the wall.
4. To open the device: (a) On one side of the wall, press the clip closures inward. (b) Twist the device counterclockwise.



5. To close the device: (a) On the same side of the wall, press the clip closure inward. (b) Twist the device clockwise until finger-tight, allowing it to engage with a click.



Ordering designation	Sales pack quantity	Item number
CFS-SL M	1 pc	2019718 ¹⁾
CFS-SL L	1 pc	2075168 ¹⁾

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

Please visit Hilti 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)
- 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



Siesmic



Low VOC



Mould & Mildew

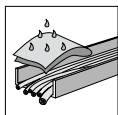
Consumption Guide

Test Standard	Dry film thickness	Wet film thickness	Approx. Requirement
IEC 60332-3	1.0 mm coating	1.4 mm coating	1.8 kg/m ² (1.4 liters/m ²)
Factory Mutual Approval	1.6 mm coating	2.2 mm coating	2.86 kg/m ² (2.2 liters/m ²)

Note (a): Each 20 kilogram container of CP 678 contains approximately 15.4 liters.

Note (b): For cable trays or cable bundles with large cables, allow approx. 10% wastage for application by brush or roller. For cable trays or cable bundles with small cables, allow approx. 20% wastage for application by brush or roller.

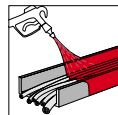
Application Procedure



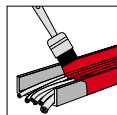
Clean cables



Mix coating



Apply coating



Technical data	
Chemical basis	Acrylate
Weight	20 kg
Application temperature range	5 - 40 °C
Temperature resistance range	-30 - 80 °C
Storage and transportation temperature range	5 - 30 °C
Shelf life ¹⁾	18 Months
Colour	White

¹⁾ at 77°F/25°C and 50% relative humidity; from date of manufacture



Order Now



Ordering designation	Weight	Package contents	Sales pack quantity	Item number
CP 678 20KG	20 kg	1x Firestop cable coating CP 678	1 pc	334892

Please visit Hilti website for the latest item numbers and related products

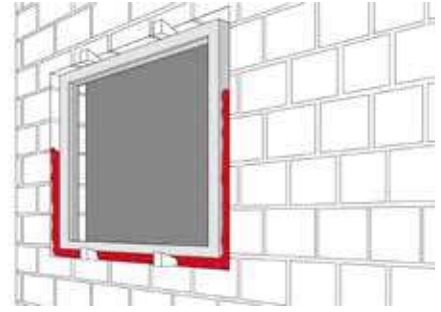
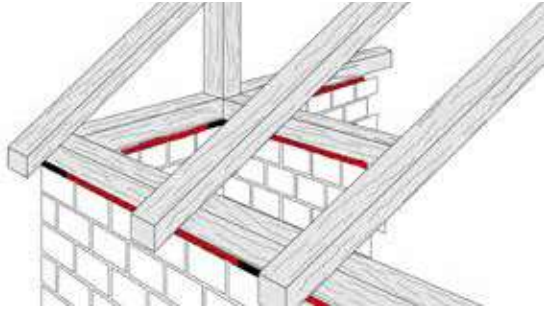
CONSTRUCTION CHEMICALS



Foam Product Information

Dispenser foam CF125-50	Page 364
Filling foam CF-F 750	Page 365
Cleaner CFR	Page 366
Dispenser gun CF-DS1 (for CF125-50 only)	Page 367

Dispenser foam CF125-50



APPLICATIONS

- Insulating gaps around window frames, cooling equipment and pipes, heating pipes, baths, wood floors, air-conditioning equipment, air ducts

ADVANTAGES

- High yield
- Stop-and-go controlled dispensing
- Economical in use

Technical data

Chemical basis	Polyurethane
Content per can/cartridge	750 ml
Foam yield (up to)	50 l
Approx. tack-free time (at 23°C / 50% rel. humidity)	10 min
Approx. cut time (at 23°C / 50% rel. humidity)	20 min
Min. time before loadbearing	Approx. 3-5 h
Temperature resistance range	-30 - 80 °C
Storage and transportation temperature range	5 - 25 °C
Thermal conductivity (λ approx. value)	0.04 W/mK
Shelf life¹⁾	12 Months

¹⁾ at 77°F/25°C and 50% relative humidity; from date of manufacture



Order Now



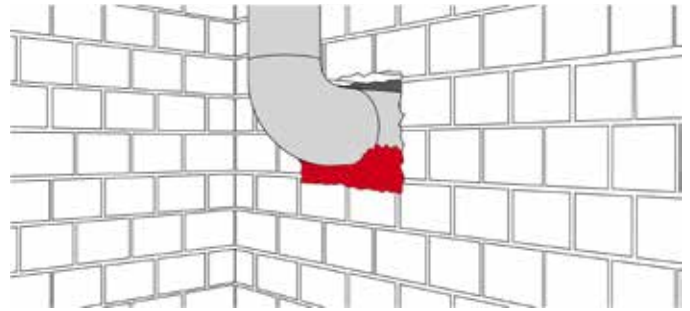
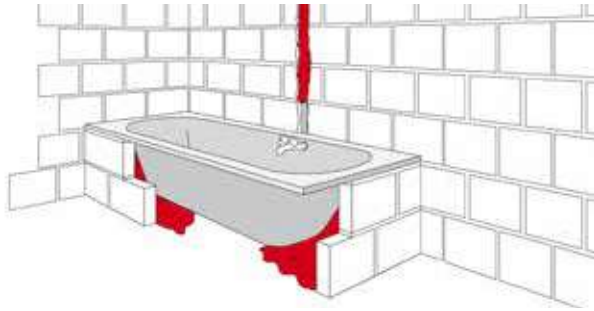
Ordering designation	Sales pack quantity	Item number
CF 125-50 750ML	1 pc	259628

Please visit Hilti website for the latest item numbers and related products

Related products on page

Consumables 366-367

Filling foam CF-F 750



APPLICATIONS

- Gaps and cracks
- Drywall voids
- Electrical voids
- Backfilling for sealants
- Holes left by concrete forms
- Mechanical gaps

ADVANTAGES

- Easy to use - finger dispensing
- High adhesive strength
- Restricts air infiltration
- High yield

Technical data	
Chemical basis	Polyurethane
Content per can/cartridge	750 ml
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
Temperature resistance range	-40 - 80 °C
Storage and transportation temperature range	5 - 25 °C
Thermal conductivity (λ approx. value)	0.04 W/mK
Shelf life ¹⁾	12 Months

¹⁾ at 77°F/25°C and 50% relative humidity; from date of manufacture



Order Now



10

Ordering designation	Sales pack quantity	Item number
CF-F 750	1 pc	369811

Please visit Hilti website for the latest item numbers and related products

Related products on page

Consumables 366

Cleaner CFR 1**APPLICATIONS**

- Dissolves uncured polyurethane foam
- Cleans CF-DS1 dispenser surfaces
- May be used with the CF-DS1 to improve throughput, if required

ADVANTAGES

- Easily removes fresh uncured foam
- Cleans fresh spillage of uncured foam from most common jobsite surfaces
- Includes a nozzle tip for cleaning dispenser surfaces as well as the can dispenser adapter

Technical data

Application temperature - max.	30 °C
Application temperature - min.	5 °C
Application temperature range	5 - 30 °C

Order Now

Ordering designation	Sales pack quantity	Item number
Cleaner CFR1 500ML	1 pc	20162

Please visit Hilti website for the latest item numbers and related products

Related products on page**Consumables** 364-365

Dispenser gun CF-DS1 (for CF 125-50 only)

ADVANTAGES

- Ergonomic design



Order Now



Ordering designation	Sales pack quantity	Item number
Dispenser gun CF DS-1	1 pc	259768

Please visit Hilti website for the latest item numbers and related products

Related products on page	
Consumables	364

SERVICES



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THE WAY TO EFFICIENTLY MANAGE YOUR ASSET



Where is the concrete mixer currently being used? How long will the diamond coring tool be needed at the building site? When does it have to be serviced?

Hilti ON!Track is a cutting-edge solution that offers a way out of the expensive and tedious “tool-management dilemma”. Thanks to our cloud-based software, every piece of available equipment may be recorded, registered, and efficiently managed.

Furthermore, rather than questions, ON!Track supplies you and your employees with answers – and reliable information. You know just what equipment is available at your building site, where it is, what condition it is in, and which employee is currently responsible for it. You also obtain useful data about how to optimize your equipment in the future.

Last but not least, Hilti ON!Track assists you when it comes to work safety: With the software, all the required and existing certificates, as well as maintenance and training dates, are easy to access. Get to know the facts on why Hilti ON!Track can help you increase your company's productivity.

FACTS & FIGURES

90 HOURS spent searching

An average of 90 hours per month is spent on building sites searching for equipment.

65 % difficulties with tracking

65 percent of all customers have a hard time keeping track of required certificates and maintenance dates.

6 TOOLS go missing

About six pieces of equipment on average go missing per month.

Visit More

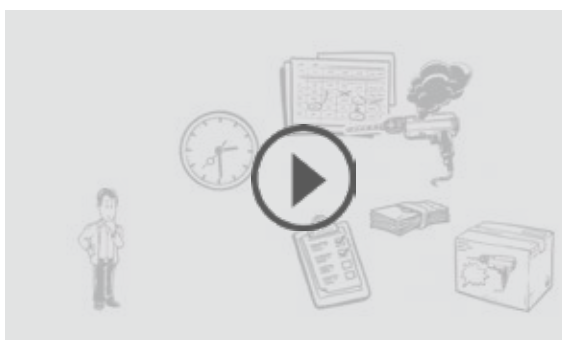


WE MANAGE YOUR TOOLS

So you can manage your business.



Hilti Fleet Management is an all-inclusive service (Repair, freight, tracking, theft coverage, etc.) where your tool costs are covered by a fixed monthly fee. Check out the video to know what Fleet Management is !



HOW HILTI FLEET MANAGEMENT HELPS YOUR BUSINESS?

EASY BUDGETING

A fixed monthly fee covers all tool, service and repair costs. This means no large investment up front and predictable costs in the future

NO ADDITIONAL COSTS

Fleet Management includes fast, high quality repairs of the tools you use, free of charge and during the entire period of the contract. Freight cost, battery change covered.

LOAN SERVICE

Complementary loan tools minimize downtime in the case of repairs or theft and keep your teams working.

THEFT COVERAGE

Fleet management limits your financial exposure in the event of a theft. Fast and easy tool replacement means less downtime.

LABELLING AND TRACKING

All tools can be labelled with your company logo. A reliable online tool fleet list and tracking system provides transparency and easy invoice consolidation.

TOOL EXCHANGE

Fleet management keeps you equipped with up-to-date tools for high productivity and compliance with the latest health and safety standards. ***

PEAK DEMAND COVERAGE

Peak work periods can easily be covered with short-term access to additional Hilti tools.



Visit More



TOOL SERVICE

Outstanding after-sales services for a tool's lifetime.



HILTI TOOLS ARE BUILT TO LAST. BUT EVEN IF A DEFECT OCCURS, HILTI WILL TAKE CARE OF IT QUICKLY AND PROFESSIONALLY.

No-cost wear & tear covered warranty - better cost control and hassle free!



Free
Spare Parts



Free
Labor Cost



Free
2-way Freight

Quality repair with 3-month after-repair warranty - never repair at dealers!



Safety Test



Performance Test



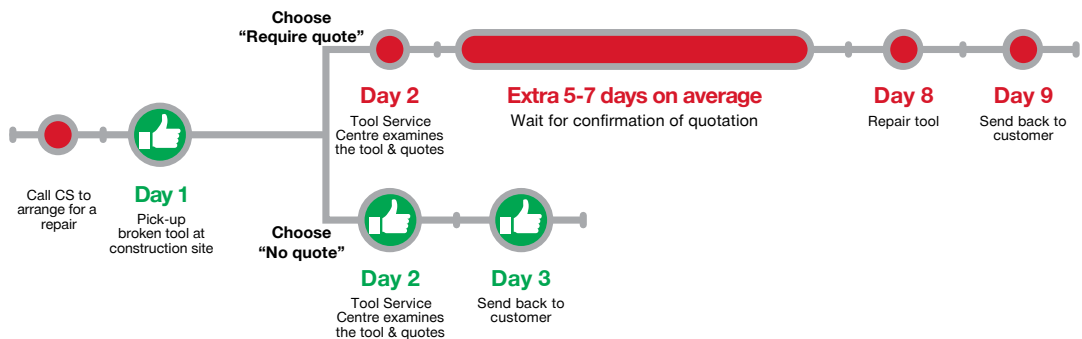
Tool Cleaning



Re-application of Lubricant

"3-day or free" repair turnaround time promise - no quotation, much faster!

Do you know? Most of the time of a repair is spent on waiting for confirmation of quotation!



Terms and conditions

- 3 day or free - Valid only for repairs in HK (Exclude Macau). Time Promise calculation excludes Saturday, Sunday, bank holidays and any special non-working days listed on Hilti Website. Measuring products and heavy diamond tool (DD350 or above, wire saw & wall saw) are excluded from Time Promise. Special reasons due to customer to delay the time promise such as request to change the delivery date and unreachability of customer, etc
- Heavy diamond tools with operating hour counter (DD 350-CA and DD 500-CA): No Costs for 2 year or 200 hours (whichever is reached first). AG125-A22, AG 125-15DB & ST 1800 corded screw drivers, PD 5 laser range meter, wire saw & TE 500-X breakers: No Costs for 1 year. AG 180-D angle grinder: No costs for 1 year or 2 times of repair (whichever is reached first). 12V screwdriver series: No costs for 1 year or 1 time of repair (whichever is reached first).
- Battery, charger, AG 100-S, AG 100-D, PD-5, PD-1, PD-E, 12V series, SL 2-A cordless lamp series: non-reparable items. AG 100-S, AG 100-D, SL 2-A cordless lamp series, calibration service of measuring tool and tool accessories such as filters, pistons, buffers are excluded from Hilti Tool Service.



Visit More



Hilti online: www.hilti.com.hk

CALIBRATION SERVICE

Verified accuracy. The check-up for Hilti measuring tools.



In spite of their ruggedness, Hilti measuring tools, like all precision instruments, may be negatively affected over time by everyday use under harsh jobsite conditions or by varying storage conditions and other external influences. Thanks to the Hilti Calibration Service, however, professionals in the construction business can always rely on their Hilti measuring tools.

Regular checks ensure that the tools continue to operate reliably in accordance with the applicable standards and statutory requirements. Hilti thus recommends annual calibration of every tool subject to normal use. If deficiencies are found, the tool will be readjusted to ensure that it functions as precisely and reliably as ever. Hilti guarantees this – in the form of a calibration certificate confirming that the tool meets specifications, and with a sticker showing the date of the most recent calibration.

PRECISION COMES AUTOMATICALLY

Thanks to an automatic reminder when the next calibration service is due, users can be sure that their Hilti measuring tools are checked professionally at regular intervals and that they comply with the specifications given in the operating instructions.



Visit More



MULTIPLE SALES CHANNELS

We're nearby.
On the phone, in Hilti Centers
and right on your jobsite.



TECHNICAL REPRESENTATIVE

- Product demonstration
- On site support and B.D. submission assistance
- Application technical

CUSTOMER SERVICE HOTLINE

- Product and service enquiry
- Quotation and ordering
- Order tracking

CS service hours	Monday - Friday	8:30 am to 6:00 pm
	Saturday	8:30 am to 1:00 pm
	Sunday and Public holiday	Closed
Phone	852 8228 8118 (Hong Kong)	
	00800 8228 8118 (Macau Toll Free)	
Fax	852 2954 1751 (Hong Kong)	
Email	hksales@hilti.com	

Visit More



HILTI STORE

- Tools servicing
- Hands on tools experience
- Product experience sharing

MONG KOK

Address	G/F, 403 Shanghai Street, Yau Ma Tei, Kowloon, Hong Kong	
Opening hours	Monday - Friday	8:30 am to 6:30 pm
	Saturday	8:30 am to 5:00 pm
	Sunday and Public holiday	Closed

TAI KOK TSUI

Address	Shop 2, G/F, Lime Stardom, No.1 Larch Street, Tai Kok Tsui, Kowloon, Hong Kong	
Opening hours	Monday - Friday	8:30 am to 6:30 pm
	Saturday	8:30 am to 5:00 pm
	Sunday and Public holiday	Closed

MACAU

Address	Rua De Bruxelas, S/N Edificio, Kin Heng Long, Loja, W-R/C, Macau	
Opening hours	Monday - Friday	9:00 am to 1:00 pm
		2:00 pm to 6:00 pm
	Saturday	9:00 am to 12:00 noon
	Sunday and Public holiday	Closed

Visit More



HILTI WEBSITE

At your fingertips.
Order, manage your
inventory, check shipping
status and more.



24 HOURS ONLINE ORDERING

Shop online, anytime, and get what you need the fast way. Online ordering saves you money too because shipping is free of charge or at a reduced rate.

FAVOURITE LIST FOR EASY ORDERING

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 More



DELIVERY SERVICES

Quick, reliable delivery wherever you want.



STANDARD NEXT DAY

With our standard next day delivery service, if we've got it in stock we'll sumbables within the next working day from when the order is placed.

We offer a highly reliable service to meet your needs. This service is available through all our sales channels.

From Monday to Friday, our dedicated carrier will deliver your order at the location of your choice (jobsite, office, warehouse, home, etc).

Area	Hong Kong	Macau
Standard Pricing	\$98	\$98
Online Pricing	\$68	\$68
Order Cut-off time	5:00PM	12:00PM

*Service not available for areas not accessible by truck

EXPRESS SAME DAY

Sometimes standard delivery just won't cut it. You need the goods and you need them today.

Same day delivery provides you more flexibility in your day to day operation.

If you order before noon, our carrier will deliver your order on that same day during the afternoon

Area	Hong Kong	Macau
Standard Pricing	\$300	Not Applicable
Online Pricing	Not Applicable	Not Applicable
Order Cut-off time	12:00PM	Not Applicable

*Service not available for areas not accessible by truck and order weight more than 100kg

CLICK & COLLECT

With our Hilti Click & Collect service you can order online and pick up items from a Hilti Store just one hour later – anytime during opening hours.

Click & Collect is a convenient way to make sure you get your order ready when you decide it.

- Step 1 – Choose a product on www.hilti.com.hk
- Step 2 – Select a Hilti Store
- Step 3 – Collect your order just 1 hour later

Area	Hong Kong	Macau
Address	G/F 403 Shanghai Street, Yau Ma Tei, Kowloon Shop 2, G/F, Lime Stardom, No.1 Larch Street, Tai Kok Tsui, Kowloon, Hong Kong#	Rua De Bruxelas, S/N Edificio, Kin Heng Long, Loja, W-R/C, Macau
Online Pricing	FREE	FREE
Order Cut-off time	24/24h	24/24h

*Allow 24 hours processing time for Fleet management orders

#Click & collect at Tai Kok Tsui Hilti Store are available from February 2018





EMERGENCY DELIVERY

Keep the site working, no need to send teams off-site to source replacement tools or consumables.

With our emergency delivery service, if we've got it in stock we can deliver the goods you need within few hours.

Please contact our Customer Service team to arrange emergency delivery.

Area	Hong Kong	Macau
Standard Pricing	\$400	Not Applicable
Online Pricing	Not Applicable	Not Applicable
Order Cut-off time	3:00PM	Not Applicable

*Service not available for areas not accessible by truck and order weight more than 100kg.

RETURN

If you wish to return a product, don't worry our carrier will come on the next day to collect the goods.

We cannot accept open or used product, damaged packaging.

Please contact our Customer Service team to arrange the goods collection.

Area	Hong Kong	Macau
Standard Pricing	FREE	FREE
Online Pricing	Not available	Not available
Order Cut-off time	5:00PM	12:00PM

*No return accepted for chemical products, etc

Hilti reserves the final right to interpret the terms and conditions of return policy.

ADDITIONAL OPTIONS

● JOBSITE DELIVERY

For hard access jobsite, please communicate us the jobsite requirements to make a successful order handover (e.g. pre-registration, mandatory protection wear, etc).

● SATURDAY DELIVERY

Saturday delivery can be performed for standard next day only in Hong Kong area.

● COMPLETE DELIVERY

If you wish to receive your order in one single shipment, please tick "complete delivery" during online check out (step 2) or inform our Customer Service team when placing the order.

Warning: If you select this option, and one of the items is not on stock this will block the full order.



ENGINEERING SUPPORT

Professional assistance.
Helps make every project
a success.



Hilti provides the engineering support to every construction project, understanding specific project requirements and offering the best solution with the complete portfolio of anchor and rebar anchorage systems.

ENGINEERING SERVICE

- Support for submission process
- Application-oriented Design and Calculation
- Online and on-site technical support
- Provide continuing Professional Development (CPD) programs for Architects and Engineers
- Firestop and anchor theory technical Seminar
- 'PROFIS' Software training
- Installation safety courses for anchor
- On-site Demonstration



Visit More



HILTI PROFIS

Just a click of the mouse!
Technical software solutions.



Hilti PROFIS software delivers fast, accurate solutions to your application problems whenever you need them. With just a click of the mouse, you can calculate complex problems easier.

PROFIS ANCHOR

- Quick and easy design tool for calculations and selections of anchors
- Complies with local design requirements (Factor of Safety = 3)
- Up-to-date design methods with national as well as international approvals (ETAG, ACI or ICC)
- Access to complete range of Hilti products and solutions

PROFIS ANCHOR CHANNEL

- Anchor channel fastenings designs in accordance with latest standard
- Efficient and flexible for static and dynamic loads
- User-friendly graphics – based on the PROFIS Anchor graphics user interface
- Easy-to-follow data input shown on screen
- Detailed calculations result in report



Visit More



DX TOOL TRAINING

Hilti cares about your safety!
Certificate of competency for
cartridge-operated fixing tool.



Cartridge Operated Fixing Tool (DX) is commonly used in the construction and maintenance works. Applications such as partition walls installation, fastening ceiling brackets, lighting and temporary wood fastening used DX tool to enhance productivity. Hilti DX Training Guide and Examination is developed in conjunction with the Labor Department in order to strengthen the proper usage and safety awareness within the construction professionals.




SYLLABUS

To train tool operators to understand

- Introduction of safety legislation and DX tool safety guidelines
- The know-how of tools techniques, operating, and maintenance
- Illustration of DX tool fastening operation
- Examination

CARTRIDGE-OPERATED FIXING TOOL (DX TOOL) CERTIFICATE OF COMPETENCY

- Tool operators must complete this training course and pass the examination before the Certificate of Competency is issued
- Certificate of Competency must have a recent photograph of the operator printed
- Certificate of Competency is required to be carried at all time for safety officers or inspectors from the Labour Department to inspect
- Certificate of Competency is a legal document, where transferring or loaning to others is an offense

	合資格證明書 Certificate of Competency 工務及工業部 (發彈條動打釘工具) 規例第11條 Regulation 11 of the Factories and Industrial Undertakings (Cartridge-Operated Fixing Tools) Regulations	
持證人姓名 Holder's Name (中文) : 常安心 (English) : Cheung On Sum		
證明書編號 Serial No.: 12345678 發彈條動打釘工具型號 Model of Tool: DX 460, DX 351		
發證日期 (日/月/年) Date of issue (dd-mm-yyyy): 31/12/2018		
本證明書由喜利得 (香港) 有限公司簽發 • Issued by Hilti (Hong Kong) Limited.		

Visit More



ANCHOR AND FERROSCAN SERVICE

Site safety is our first priority. Dedicated to ensuring proper anchor installation.



To ensure safe anchor installation, reliable building material and quality control on workmanship are of the same level of importance. Beside proper installation training to workers, on-site anchor test is a common way to verify their workmanship. To offer one-stop-shop service to customer, Hilti can refer anchor test service to customer, offered by an independent laboratory as described below.

HILTI (HONG KONG) LTD. - TESTING LABORATORY

This laboratory is accredited by HOKLAS (registration No. 157) for a specified range of anchor tests listed in the HOKLAS Directory of Accredited Laboratories. Beside anchor test, we can also provide rebar detection service with our PS 250 Ferroskan system and PS 1000 X-scan system.

ON-SITE ANCHOR TEST SERVICE

A certain percent of on-site pull-out test on installed anchor is required to verify the workmanship of installation. And different anchor types and sizes require different equipments for testing. For light- or medium-duty anchors, pull-out test can be carried out by simplest and handy tools, like DPG 100, Tester 4 or HAT 28. And for heavy-duty anchors or rebars, the test will be carried out by hydraulic jack. If recovery of the anchor deformation is concern, deformation test is also available for choice.

Our experienced team of technician can provide not only anchor testing service but also professional advice on site investigation before testing, which can ensure a smooth process of testing and improve the efficiency of the construction as a whole.

FERROSCAN SERVICE

Have you ever experienced rebar hits while setting anchors? No any clues with the rebar distribution underneath the concrete in the A&A projects? We are ready to offer helps.

With the PS 250 Ferroskan System, we can provide the market leading Nondestructive Testing Method for you - Rebar inspection without opening the concretes!

In additional with the PS 1000 X-scan system, we can provide a real time view of inside of concrete structures and locating rebars, tendons , metal and plastic conduits, glass-fibre cable, voids and wood in dry concrete structures at deep up to 300mm. help to quality assessment and minimizes the risk of hitting concealed objects when drilling.

Our team can do the on-site evaluation, scanning of the required area as well as the preparation of a tailor-made professional rebar analysis report for your reference or submission.

Visit More



HEALTH AND SAFETY TRAINING

Health and Safety Training
Reduce risk and increase
productivity with Hilti.



Our trainings are tailored to the needs of our customers depending on their trade, application they carry out and the tools they use. Emphasis is put on interactivity and hands-on component, for example by allowing the training participants to experience controlled danger scenarios using our proprietary simulators. We use state-of-the-art media and provide documentation to the training participants and their employers

OUR TRAINING INCLUDES:

- Interactive Q&A style
- Easy to understand frameworks for risk mitigation
- Hands-on demo & practical exercises
- Proprietary Hilti Simulators

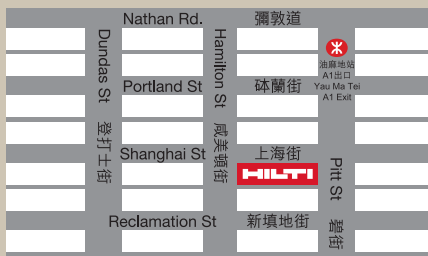
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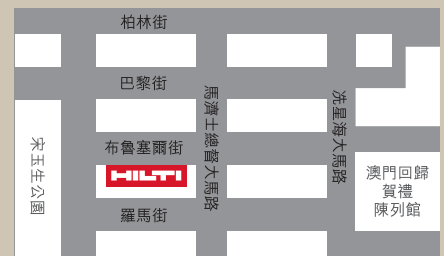
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