PRODUCTS AND SERVICES 2022



PROFIS ENGINEERING SUITE

The only all-in-one ancor system design software to maximize your productivity



PRODUCTIVITY ANALYSIS SERVICE

Bring transparency to your real costs



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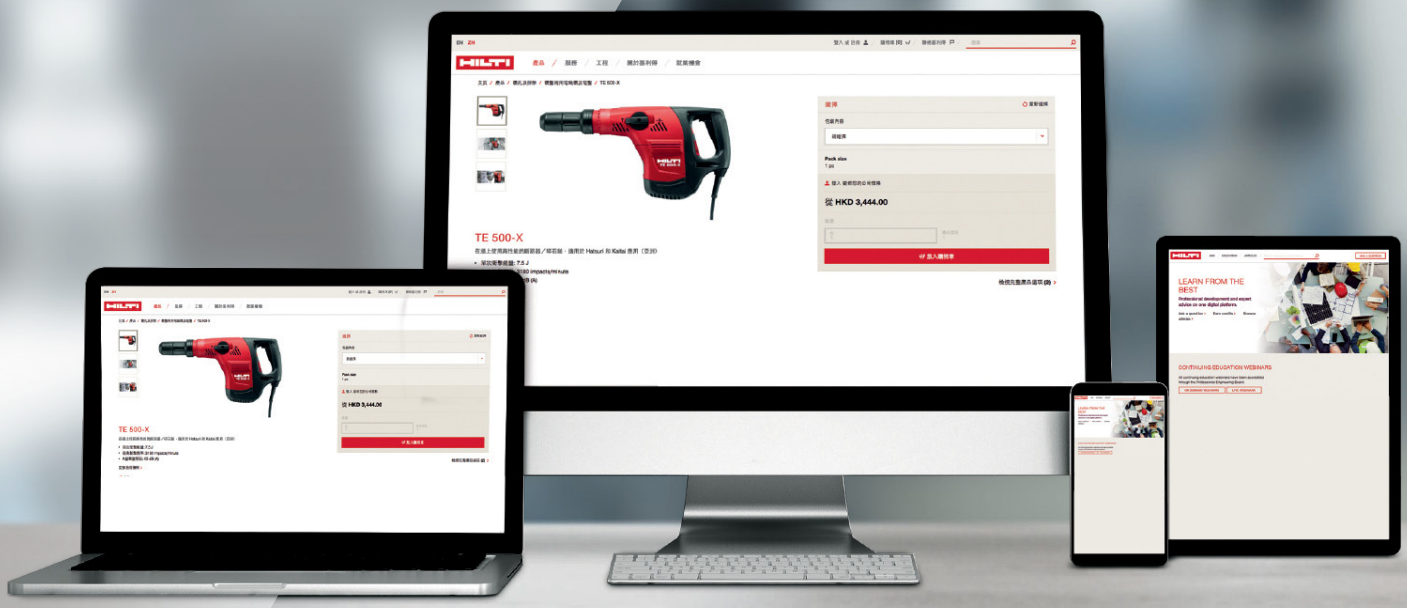

ASK HILTI

An online community offering professional development and expert advice for consultant

HILTI CONNECT APP

Hassle-free tool services directly at your fingertip

- Identify tool serial number and model
- View tool's warranty status and repair history
- Request repair



BIM SOLUTION

CAD DESIGN



PLT 300
ADVANCED LAYOUT



DESIGN | PREPARATION FOR INSTALLATION | INSTALLATION

ANCHOR & CHANNEL INSTALLATION SYSTEM





PENETRATION FIRESTOPPING SYSTEM

HILTI
TOTAL SOLUTIONS



Application

- Product / Technical Enquiries

Planning & Specifying

- Specification
- Consulting
- Engineering
- Software

Measuring

- Distance Measuring Levelling & Aligning Detecting

Drilling & Demolition

- Drilling & Chiselling Cutting, Grinding & Sawing Diamond Coring

Hilti online: www.hilti.com.hk



Fastening & Installation

- Direct Fastening
- Screw Fastening
- Anchoring
- Installation

Insulation & Protection

- Foam Systems
- Fire Stopping

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- Fleet Management
- Tool Service
- Calibration Service
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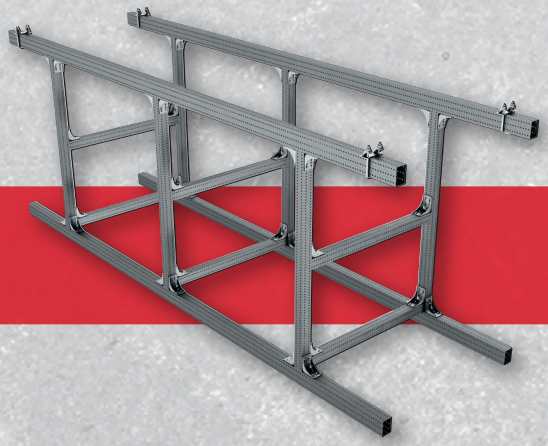
- Delivery Service
- Engineering Support
- Hilti PROFIS
- DX Tool Training
- Anchor and Ferroscan Service
- Health and Safety Training

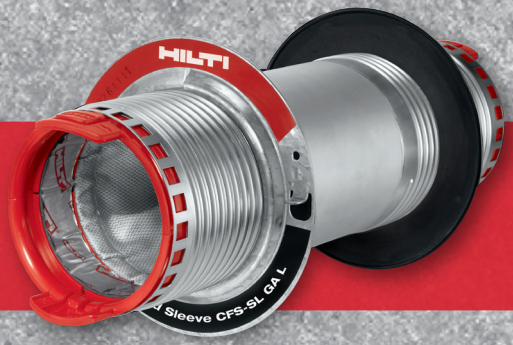
Customer Hotline: Hong Kong 8228 8118, Macau 00800 8228 8118 Email: hksales@hilti.com

RECOMMENDATION



Multi-duty Channel System

CFS-SL GA



HIT-RE 500 V3 epoxy anchor



PS 300 Ferroscan





AG 4S-A22 Cordless angle grinder with brushless motor



Adaptive Torque System -
SIW6 AT-A22 + SI-AT-A22



Brand New 12V Cordless (Hammer) Drill/Impact Drivers



TE 60-A36 Cordless SDS
Max Rotary Hammers



DD 350 Heavy-duty diamond drilling system
with high-frequency motor and auto-feed unit

ENGINEERING SERVICE

Installation training and anchor testingmake job site safer



ANCHOR INSTALLATION TRAINING SERVICE

ANCHOR TEST SERVICE

MEASURING SYSTEMS



Measuring Systems



Laser Range Meters

Laser range meter PD-S Page 16
Laser range meter PD-E Page 17



Multidirectional Lasers

Line laser PM 2-L Page 19
Multi-line laser PM 30-MG Page 20
Multi-line laser PM 40-MG Page 21



Rotating Lasers

Rotating laser PR 3 HVSG A12 Page 23
Outdoor rotating laser PR 30-HVS A12 Page 24
Tripod PRA 90 Page 25



Detection Systems

Wall scanner PS 85 Page 27
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X-Scan system PS 1000 Page 29



Advanced Layout

Layout system PLT 300 Page 30



Calibration Service



Profis Detection

Services & Software

Calibration service Page 31
Profis detection Page 32

SAVING TIME IS EASY WITH HILTI MEASURING SYSTEMS

Find the right tool for the right task

Applications	Systems
	**Laser Range Meters** ● Distance ● Area ● Volume 
	**Multidirectional Lasers** ● Levelling ● Aligning ● Plumbing ● Squaring 
	**Rotating Lasers** ● Levelling ● Squaring ● Aligning ● Slope 
	**Detection Systems** ● 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. Hilt, once more, impressively substantiates the power of innovation.

PULSE 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.

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-overachieved efficiently with only one person.

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 receiver.

Detection Systems



Trustworth 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-S NEW





APPLICATIONS

- Measuring distances from 0.02m-60m quickly and accurately
- Measuring distances and heights where traditional measuring methods fail
- Measuring long distances and heights in a one-man operation
- Measuring areas to calculate paint, flooring or concrete quantities

ADVANTAGES

- Simple and intuitive to use
- Compact design fits in every pocket
- Protected against dirt, dust and splashing water
- Rugged and durable – made for construction sites
- LCD display with backlight

Technical data	
Measuring range	0.02m-60m
Accuracy	±1.5 mm
Automatic switch-off	Yes
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 054
Battery type	2 x 1.5 V (AAA)
Operating time with alkaline battery	10000 measurements
Weight with batteries	95g
Dimensions (LxWxH)	115 x 37 x 22 mm

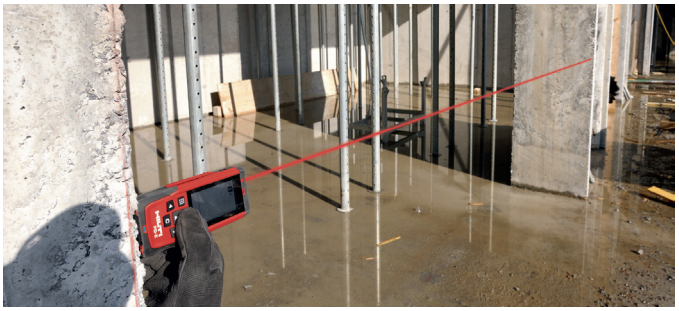


Ordering designation	Package contents	Sales pack quantity	Item number
PD-S	1 x Laser range meter PD-S, 1 x Battery AAA(2) alkaline	1 pc	**2190182**

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

Calibration Service

PULSE POWER

product design award 2014

reddot award 2014 winner

Technical data	
Measuring range	0 m - 200 m
Accuracy	±1 mm
Automatic switch-off	Yes
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)
Low battery indication	Yes
Operating time with alkaline battery	5000 measurements
Weight with batteries	165 g



Order Now **Watch Video**

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-S	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)] For detailed stock availability and 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





Calibration Service

PULSE POWER



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



Order Now

Ordering designation	Package contents	Sales pack quantity	Item number
PM 2-L	1x Line laser PM 2-L, 2x Battery AA (2) alkaline, 1x Bag	1 pc	**2047045**

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

Multi-line laser PM 30-MG NEW





APPLICATIONS

- Setting out plasterboard studwork on floors, walls, ceiling
- Suspended ceiling alignment
- Transferring reference heights
- Vertical alignment of pipes and cables
- Levelling electric sockets, cable trays, radiators and pipe installations

ADVANTAGES

- The compactest tool for precise and fast 360° aligning, levelling and squaring
- Compact eccentric design with fine adjustment for easy squaring and fast set up
- Rechargeable B12 Li-ion battery allows up to 1.5 days of continuous layout work
- Out-of-level and low battery alerts help to prevent mistakes and unexpected downtime
- Laser class 2 – no special precautionary measures needed

Technical data

Accuracy	±3 mm at 10 m
Max. operating distance (diameter)[1)]	40 m (lines), 100 m (lines, with receiver)
Self-levelling range at room temperature	-4.0 °/ +4.0°
Self-levelling time	3 s
Horizontal fan angle	360 °
Vertical fan angle	360 °

[1)] Operating distance can be significantly affected by site conditions. See operating instructions.

These are abbreviated instructions which may vary according to the application. Always read and follow the full instructions accompanying the product or refer to the downloads section of your local Hilti Web site.

Multi-line laser with 3 green 360° lines for plumbing, levelling, aligning and squaring

2 YEARS NO COST WARRANTY · 3 MONTHS REPAIR WARRANTY · 3 DAYS ON FREE REPAIR SERVICE

Calibration Service

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DESIGN AWARD 2019

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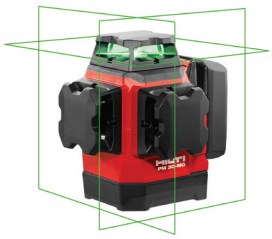

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Ordering designation	Package contents	Sales pack quantity	Item number
PM 30-MG	1x Multi line laser PM 30-MG, 1x Tool case PM 30-MG assy	1 pc	**2227740**

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

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

Calibration Service

PULSE POWER

DESIGN AWARD 2019

reddot award 2019 winner

Technical data	
Max. operating distance	20 m (Lines), 50 m (Lines, with receiver)
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
Laser Class	Class II Green (EN 60825)



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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 30-MG	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 85 For mounting the tool on perimeter trim or on magnetic surfaces for suspended ceiling applications		■		■	1 pc	**2160374**
Floor track adapter For mouting the tool to dry wall frame			■	■	1 pc	**2160375**
Magnetic bracket PMA 89			■	■	1 pc	**2227008**
Wall mount with magnetic bracket PMA 90			■	■	1 pc	**2227009**
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 pack B 12/4.0 Li-Ion			■	■	1 pc	**2183144**
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



Calibration Service

PULSE POWER



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	**2149766**
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

Outdoor rotating laser PR 30-HVS A12 NEW





APPLICATIONS

- Horizontal levelling – formwork, concrete pours, excavation, etc.
- Vertical aligning – transferring building lines, aligning columns, façades
- Slope / inclination grading – ramps, car parks, pipes
- Squaring – formwork

ADVANTAGES

- When used with the PRA 30 remote control/laser receiver, the Hilti PR 30-HVS rotating laser is a complete, more reliable outdoor layout tool for virtually any levelling, aligning and squaring tasks
- Built to maintain laser accuracy in rough jobsite conditions – engineered to US Military standards (MIL-STD-810G) with head-mounted bumpers, four shock-absorbing handles and IP66 protected housing
- Cordless battery platform – uses the same Li-ion batteries, which charge with 35 minutes, as all your other 12V Hilti power tools
- Auto-alignment – makes aligning your rotating lasers a fast, one-person task even from up to 150 m (490 ft.) away
- Digital slope entry and inclination alignment (e-targeting) simplify grading tasks

Layout tasks
Horizontal levelling
Vertical alignment
Grading
Squaring

Technical data	
Accuracy	±0.5 mm at 10 m
Cordless Power Care	Yes
Hilti Connect	Yes
Inclination setting X-axis - max.	+8.6 %
Inclination setting X-axis - min.	-15 %
Inclination setting X-axis - range	-15 - 8.6 %
Laser class	<4.85 mW, 620-690 nm, Class 2 (EN 60825), Class II (FDA CFR 21 art. 1040)
Laser class	<4.85 mW, 620-690 nm, Class 2 (IEC 60825-1:2007), Class II (FDA CFR 21 art. 1040)
Layout tasks	Horizontal levelling, Vertical alignment, Grading, Squaring
Maximum operating time	16 h
Operating range with laser receiver (diameter)	2 - 500 m
Operating temperature range	-20 - 50 °C
Proactive Service Alert Required	Yes
Pulse power	Yes
Rotation speed	600 rpm
Self-levelling range at room temperature	±5 °
Voltage	12 V
Work environment	Exterior



Calibration Service

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reddot award 2015 winner





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Ordering designation	Package contents	Sales pack quantity	Item number
Rotating laser PR 30-HVS A12	Rotating laser PR 30-HVS (02) x1, Remote contr./laser rec. PRA 30 x1, Battery AA (2) alkaline x2, Laser receiver holder PRA 83 x1, Case PR 30-HVS A12 x1	1 pc	**2134763**

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

Tripod PRA 90 NEW





Technical data	
Max. Height	1900 mm
Min. Height	900 mm
Tool type	Tripod for rotating laser



Order Now

Ordering designation	Package contents	Sales pack quantity	Item number
Kit PRA 90 Full Package	1x Tripod PRA 90, 1x Battery pack PRA 84 ROW assy, 1x Mains adapter PUA 81 (02)	1 pc	**3760436**
Tripod PRA 90	Tripod PRA 90 x1	1 pc	**2017478**

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

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)] For detailed stock availability and lead time information please contact your Hilti representative.

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

Wall scanner PS 85 NEW





APPLICATIONS

- Locating embedded objects for hit prevention when drilling, coring, cutting or slitting (up to 85 mm depth, depending on material) on the wall
- Estimating the material and size of hidden objects – multiple sensors for rebar , live wires, wooden substructures, metal and plastic pipes
- Equipped to scan through concrete (wet and dry), brick, plaster-board and tiles
- Locating embedded objects for hit prevention when drilling, coring, cutting or slitting (up to 3-3/8” depth, depending on material) on the wall

ADVANTAGES

- Versatile and user-friendly wall scanner to help you avoid damage caused by drilling in the wrong place
- Easier to use – large display , efficient menus and the option to export scan data via SD card
- Upgraded ergonomics – light with large handle to keep the tool firmly in your grip
- Built to last – shock- and dust- resistant to better withstand construction site conditions
- Hilti battery platform – power this wall scanner using the same Li-ion batteries (2.6 and 4.0 Ah) as all your other Hilti 12V cordless tools

Calibration Service

Technical data

Application	Locating objects, Avoiding hitting objects, Through drilling / coring
Application temperature - max.	50 °C
Application temperature - min.	-10 °C
Base material	Concrete, Brick, Drywall, Hollow brick
Data memory (scanner)	Approx. 200 scans (SD) approx. 10 scans (internal flash memory)
Dimensions (LxWxH)	264 x 115 x 100 mm
Height	100 mm
Hilti Connect	Yes
IP protection class	IP 5 (EN 60529)
Length	264 mm
Localisation accuracy [1)]	5 mmto 10 mm (+/-)
Max. detection depth for object localization	85 mm
Maximum operating time	8 h
Minimum distance between two neighbouring objects	40 mm
Weight with batteries	1 kg
Width	115 mm
Working temperature range	-10 - 50 °C

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



Order Now

Ordering designation	Package contents	Sales pack quantity	Item number
PS 85	1x Scanner PS 85, 1x Marker pen PUA 70, 1x Hand strap, 1x Tool case PS 85 assy	1 pc	**2286694**

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

Ferroscan system PS 300 NEW





PS 300 Ferroscan is a non-destructive concrete analysis tool with a user-friendly interface, used for large-scale structural analysis and locating rebar

APPLICATIONS

- Rebar verification and analysis including locating rebar, measuring depth of concrete cover and estimating rebar size
- Checking concrete cover over large areas for structural repair work
- Building acceptance inspections and quality control
- Generation of structural assessment reports including statistics and visual presentation in 2D/3D views of areas
- Helps avoid costly rebar hits and damage caused by cutting through structurally significant reinforcement when coring and drilling

ADVANTAGES

- Integrated 5 inch touchscreen provides rebar layout visuals in top view and sectional view for on-the-spot structural analysis, depth of cover assessment and rebar size estimation
- Smart algorithm helps accurate depth measurements for rebar
- Wide sensor area enables quick and easy scan over large areas
- Record scan data for documentation and structural analysis
- Data can be transferred to PROFIS Detection software for further analysis in both 2D and 3D or sharing in various formats

Technical data

Max. detection depth for rebar	Up to 200mm
Accuracy of depth measurement for rebar[1)]	± 1 mm at 50 mm
Localisation accuracy[1)]	±3 mm +1% scanning distance
Minimum distance between two neighbouring objects	30 mm
Type of scan	Quickscan, Quickscan recording, and Imagescan
IP protection class	IP 54 (IEC 529)
Dimensions (scanner)	284 x 163 x 154 mm
Data memory (scanner)	200 - 500 scans
Data Storage	4GB
Software	PROFIS Detection

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



HILTI TOOL SERVICE 2 YEARS NO COST WARRANTY · HILTI TOOL SERVICE 3 MONTH REPAIR WARRANTY · HILTI TOOL SERVICE 3 DAYS ON TIME REPAIR SERVICE

Calibration Service

Profis Detection

PULSE POWER

Order Now

Ordering designation	Package contents	Sales pack quantity	Item number
PS 300 Ferroscan System	1 x PS 300 Ferroscan Kit, 1 x PROFIS Detection Software	1 pc	**3626667**
PS 300 Ferroscan Kit	1 x PS 300 Scanner, 2 x Battery 12/2.6, 1 x Battery Charger 230V, 1 X PSA 63 Hand Strap, 1 x PSA 97 Data Module, 1x PSA 54 Data Cable, 5 x Reference grid PSA 12 (mm, 600x600), 1 x PSA 75 Brush in Tubular pack, 1 x PUA 90 Adhesive Tape, 1 x PUA 70 Marker Set, 1 x Cleaning Cloth, 1 x PS 300 Instruction Manual, 1 x Producer Certificates （1page), 1 x PS300 Tool case, 1 x NFC sticker	1 pc	**3626665**

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

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.



2 YEARS NO COST WARRANTY · 3 MONTH REPAIR WARRANTY · 3 DAYS ON-PRES REPAIR SERVICE

Calibration Service

Profis Detection

PULSE POWER

Order Now

Watch Video

Ordering designation	Package contents	Sales pack quantity	Item number
PS 1000 X-Scan System	1x PS 1000 X-Scan Kit, PROFIS Detection software	1 pc	**3636152**
PS 1000 X-Scan Kit	1x X-Scan PS 1000, 1x Hand strap PSA 63, 2x Battery pack PSA 81, 1x Mains adapter PUA 81, 5x Reference grid PSA 12, 2x Reference grid PSA 14, 1x Adhesive tape PUA 90, 2x Marker pen set PUA 70, 1x Memory card PSA 95, 1x Card reader PSA 96, 1x Torque wrench PSW 1000-3, 1x Case PS 1000	1 pc	**2154110**
PS 1000 X-Scan Full System with Display	1x PS 1000 X-Scan Kit, PROFIS Detection software, 1 x PSA 200 tablet	1 pc	**3639510**

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

Layout system PLT 300





APPLICATIONS

- Laying out 2D and 3D positions on the jobsite
- Laying out formwork, positions for excavation and fastening points on floors and ceilings
- Laying out single and dual slopes
- Laying out and transferring building control lines
- As-built measurement of existing features
- Real-time area and volume calculations

ADVANTAGES

- Automatic tilt compensation – no need for manual leveling
- One-person layout and measuring
- Green laser point for high visibility
- Battery compatible with the Hilti cordless tool platform: uses the standard Hilti 2.6 Ah battery
- Automatic stationing on the jobsite for quick setup
- Single-button startup

Technical data	
Single measurement accuracy	3mm @ 50m (ISO 17123-5)
Measurement range	1.5m – 100m
Targeting distance	100m
Layout distance	50m
Magnification	5 x
IP protection class	IP 55 (IEC 529)
Shortest target distance	1.5 m
Operating temperature range	-20 - 50 °C
Compensator type	2-axis
Weight	5.31 kg
Dimensions (LxWxH)	215 x 175 x 330 mm
Laser Class	Class II Green



Order Now **Watch Video**

Ordering designation	Package contents	Sales pack quantity	Item number
PLT 300 A22	1x Layout tool PLT 300, 1x Case	1 pc	**2115930**
Kit PLT 300 Layout system	1 x Layout tool PLT 300-A22, 1 x Controller PLC 400, 2 x Battery pack B 22/2.6 Li-ion, 1 x Battery charger C 4/36-90 230V box, 1 x Accessory kit POA 56, 1 x Bipod POA 75, 1 x Field calibration target POA 31, 1 x Frame clamp POA 79, 1 x Layout field PRO ROW, 1 x Prism POA 25, 1 x Reflector rod POA 52, 1 x Reflector rod POAW 50 adapter, 1 x Target plate POA 26 (5) square, 1 x Tripod PMA 20, 1 x Tripod PUA 36	1 pc	**3594382**

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

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

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

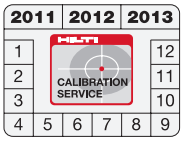
Hilti Calibration Service



Calibration Service

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

Calibration Label



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

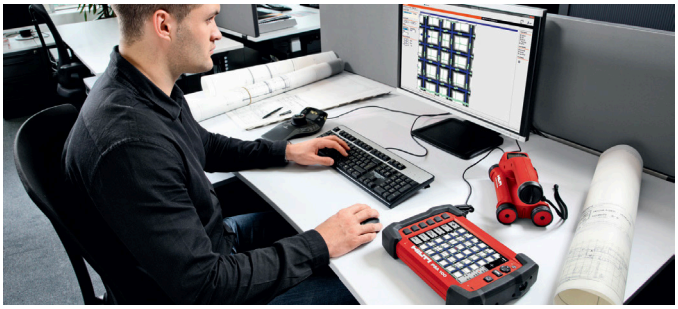
Ordering designation	Item number
Service certificate I – PL/PA/POL	00431148
Service certificate I – PD	00431157
Service certificate I – PM/PML/PMP/PMC	00431158
Service certificate I – PS	00431159
Service certificate I – PR/PRE/PRI	00431160
Service certificate I – Ferroscan/PS 1000	00431161

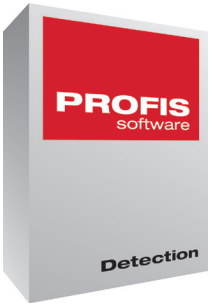
Service certificate with test results

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 – Ferroscan/PS 1000	00431168

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

PC data processing software for Ferroscan and X-Scan detection systems PROFIS





APPLICATIONS

- Non-destructive inspection and analysis of concrete structures, creation of assessment reports and documentation for structural analysis and as-built checks
- Scan positions can be labeled with building coordinates and exported for accurate scan placement in design files or repositioned later on-site with layout tools
- Allows export of scan data for use with popular design applications such as AutoCad, Trimble SketchUp and many more
- Evaluation of structural layout to minimize potential for damage when drilling, coring or sawing – structural information also allows more accurate communication and tightens up bidding projects on jobs based on what operators find in the area
- Exporting X3D scan files for import into PROFIS Anchor, thus allowing conflict-free anchor and base plate design

ADVANTAGES

- Full data processing from raw data to 3D models, including 2D and 3D plan views or cross-sectional images
- Various calculation and visualization parameters enables comprehensive evaluation and analysis
- Easy creation of assessment reports and documentation in Microsoft Word, PDF or HTML format
- Data export in various formats – 2D (BMP, JPG, ...) and 3D (DXF, COLLADA, PLY, X3D, ..)
- Three-sensor data overlay – radar, EM and Ferroscan for easy target object classification and depth calibration

Technical data	
Supported operating system	Windows 7, Windows 8, Windows 10
Security and authorizations	Hilti-signed software
CPU requirements	2GHz or faster x86-compatible processor
Minimum disc space required	250 MB
Memory (RAM) requirements	2 GB
Graphic card requirements	OpenGL 3.2 support

Ordering designation	Sales pack quantity	Item number
Detection office	1 pc	**2173253**

CORDLESS SYSTEMS



Cordless Systems



12V Li-ion Platform

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Cordless drill driver SFE 2-A12	Page 44
Cordless impact screwdriver SID 2-A12	Page 45
Cordless reciprocating saw SR 2-A12	Page 46
Cordless task light SL 2-A12	Page 47



22V Li-ion Platform

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Cordless hammer drill driver SF 6H-A22	Page 51
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36V Li-ion Platform

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Accessories

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Cutting disc AC-D	Page 101

ADVANCED CORDLESS TECHNOLOGY OF NEW 22V BATTERIES

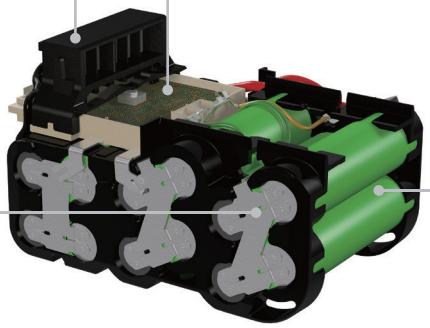


SUB-ZERO ENVIRONMENTS

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 encorporated 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 C4/36-DC	Charger C4/12-50	Charger C4/36-90	Charger C4/36-350
						Charging time (min)			
Drill / Driver	SF 2-A12 	10.8	0.73		2.6	35	35	35*	35*
	SF 2H-A12 	10.8	0.88		2.6	35	35	35*	35*
	SF4-A22 	21.6	1.7		2.6	60		37	35
					4.0	120		80	35
					5.2	120		80	35
	SFE 2-A12 	10.8	1.1		2.6	35	35	35*	35*
					2.6	35	35	35*	35*
	SF 6-A22 	21.6	2.5		2.6	60		37	35
					4.0	120		60	41
					5.2	120		80	35
Hammer drill/ Driver	SF 6H-A22 	21.6	2.6		2.6	60		37	35
					5.2	120		60	41
					5.2	120		80	35

	Cordless Impact Driving & Wrenching	Voltage (V)	Weight (kg)	Bits end	Battery capacity (Ah)	Charger C4/36-DC	Charger C4/12-50	Charger C4/36-90	Charger C4/36-350
						Charging time (min)			
Impact Driver	SID 2-A12 	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 6AT-A22 	21.6	1.5/1.8		2.6	60		37	35
					4.0	120		60	41
					5.2	120		80	35
	SIW 22T-A 1/2" 	21.6	3.0		2.6	60		37	35
					4.0	120		60	41
					5.2	120		80	35
	SIW 9-A22 	21.6	3.6		2.6	60		37	35
					4.0	120		60	41
					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-A22 	21.6	3.7				■	■	■	■
TE 6-A36 	36	3.7				■	■	■	■
TE 30-A36 	36	5.1				■	■	■	■
TE 60-A36 	36								

Screw driving			Drilling			Hammer Drilling	
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		–	–
Ø6	Ø8	Ø4.8x19	Ø20	Ø40		Ø6	–
Ø6	Ø8	Ø4.8x19	Ø26	Ø82	Ø10	–	–
Ø6	Ø8	Ø4.8x19	Ø20	Ø40		–	–
Ø10	Ø12	Ø6.3x50	Ø32	Ø125	Ø13	–	–
Ø10	Ø12	Ø6.3x50	Ø32	Ø125	Ø13	Ø12	Ø8

Screw driving						
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	
Ø12	Ø12	Ø5.2	Ø5.5		M10	
Ø12	Ø12			Ø6	M6-M16	
Ø12	Ø12			Ø8-Ø10	M12-M24	
Ø12	Ø12			Ø10-Ø14	M16-M30	

■ = 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)													
	Charging time (min)			4	5	6	8	10	12	14	16	18	20	22	24	26	28	30
2.6	60	37	35	■	■	■	■	■	■	■	■							
5.2	120	80	35	■	■	■	■	■	■	■	■							
2.6/ 5.2	104/ 210	75/ 130	35/ 35	■	■	■	■	■	■	■	■	■	■					
2.6/ 5.2	104/ 210	75/ 130	35/ 35	■	■	■	■	■	■	■	■	■	■					
2.6/ 5.2	104/ 210	75/ 130	35/ 35	■	■	■	■	■	■	■	■	■	■	■	■	■	■	

◐ = appox. 50% drilling, 50% chiselling ◔ = appox. 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 / 4.0Ah *compatible for C4/36-90 and C4/36-350 chargers with charging adapter CA-B12





SF 2-A
Drill / Driver



SF 2H-A
Cordless compact drill driver



SFD 2-A
Drill / Driver



SID 2-A
Impact screwdriver



SL 2-A12
Task light



SR 2-A12
Cordless reciprocating saw

22V Li-ion Platform 2.6Ah / 5.2Ah





TE 2-A22
Rotary hammer



TE 4-A22
Rotary hammer



TE 6-A22
Rotary hammer



SFC 22-A
Compact drill driver



SF 6-A22
Drill driver



SF 6H-A22
Hammer drill driver



SID 4-A22
Impact screwdriver



SIW 6AT-A22
Cordless impact wernch



SIW 22-A 1/2"
Impact wrench



SIW 9-A22
Impact wrench



SCM 22-A
Circular saw



SCW 22-A
Circular saw



SC 70W-A22
Circular saw



SB 4-A22
Band saw



AG 4S-A22
4” Angle grinder



AG 125-A22
5” Angle grinder



SR 4-A22
Reciprocating saw



SR 6-A22
Cordless reciprocating saw



SJD 6-A22
Cordless Jig Saws



NPR 019 IE-A22
Cordless hydraulic pipe press tool



NPR 032 IE-A22
Cordless hydraulic pipe press tool



SCO 6-A22
Cut-out tool



HDE 500-A22
Dispenser



BX 3-L 02
Battery-actuated fastening tool



ST 1800-A22
Metal construction screwdriver



SL 2-A22
Task light



SL 6-A22
Cordless task light



RC 4/36-DAB
Robust jobsite radio

36V Li-ion Platform 2.6 Ah / 5.2 Ah





TE 6-A36
Rotary hammer



TE 30-A36
Combihammer

TE 60-A36
Combihammer

SR 30-A36
Cordless reciprocating saw

AG 125-A36
5” Angle grinder

DRS
FOR CORDLESS

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 left 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	DRS module	Tool
VC 20 / 40-U or VC 20 / 40-Y	TE-DRS-S or TE-CD	TE 2-A22, TE 30-A36
VC 20 / 40-U or VC 20 / 40-Y	DG-EX 100/4" or DC-EX 125/5"-C or DC-EX 125/5"-M or DG-EX 125/5"	AG 4S-A22, AG 125-A22, AG 125-A36
VC 20 / 40-U or VC 20 / 40-Y	SR DRS	SR 6-A22, SR 30-A36
VC 20 / 40-U or VC 20 / 40-Y	Extraction adapter SJ	SJD 6-A22
VC 20 / 40-U or VC 20 / 40-Y		SCW 22-A
VC 20 / 40-U or VC 20 / 40-Y		SC 70W-A22

Bulit in



TE DRS-4-A → TE 4-A22



TE DRS-6-A → TE 6-A22 / TE 6-A36

SJD 6-A DRS → SJD 6-A22

Tool Drop Prevention Tether (Heavy and Medium) with Retaining Strap





APPLICATIONS

- Fall protection for compatible power tools weighing up to 1 1.4 kg
- Fall protection for compatible power tools weighing up to 25 lbs
- Helps to avoid workplace injuries caused by dropped tools
- Helps to prevent damage to tools if dropped

ADVANTAGES

- ANSI compliant – tested according to advanced standards on tool drop prevention, ANSI 121-2018
- Helps to protect tools – shock-absorbing bungee tether tested to help prevent drop energy damaging Hilti tools
- Self-locking carabiner – easier to operate with one hand, and designed to hinder accidental opening
- Clear labelling – the weight limit and other key information is shown on every lanyard
- Two versions available – choose from a double carabiner version for tools up to 6.8 kg, or carabiner-to-loop tethers for tools up to 1.4kg
- Two versions available – choose from a double carabiner version for tools up to 15 lbs, or carabiner-to-loop tethers for tools up to 25 lbs



Order Now

Tool Tether 6.8 kg

Order Now

Tool Tether 11.4 kg

Order Now

Retaining Strap (with tool tether 6.8 kg

Ordering designation	Package contents	Sales pack quantity	Item number
Tether	-	1 pc	**2149766**

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

Cordless compact drill driver SF 2-A12 (02)





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



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Package contents

	Inserts HSS Co / Bit Set	Item Number
SF 2-A12 (02) Body	6MM MP10	**3651985**

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

Cordless compact drill driver SF 2H-A12 NEW





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	0.9 kg
Dimensions (LxWxH)	196 x 70 x 206 mm
Tool chuck type	3-jaw chuck, 0.8 - 10 mm



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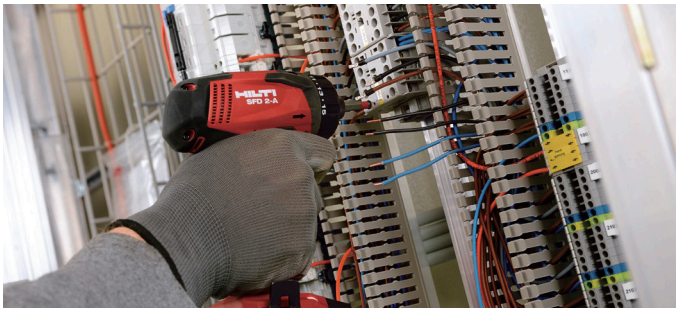
Package contents

	Inserts HSS Co / Bit Set	Item Number
SF 2H-A12 Body	6MM MP10	**3651989**

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

Cordless drill driver SFE 2-A12





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

	Inserts HSS Co / Bit Set	Item Number
SFE 2-A12 Body	HSS 6mm	**3651995**
	Bit Set (6)	**3651997**

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

Cordless impact screwdriver SID 2-A12





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

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



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Package contents

	Inserts HSS Co / Bit Set	Item Number
SID 2-A12 Body	Driver set PH2 (5)	**3651993**

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

Cordless reciprocating saw SR 2-A12 NEW





APPLICATIONS

- Cutting metal pipes and conduit
- Cutting plastic pipes and conduit
- Cutting isolation material
- Cutting sandwich material

ADVANTAGES

- Light and mobile sub-compact design for working overhead and or in difficult-to-access areas
- Brushless motor – lasts up to three times longer while delivering cutting performance similar to that of a corded tool
- Built-in LED light for shadow-free illumination of the cutting area
- Compatible with all Hilti 12V Li-ion batteries
- Keyless blade clamp

Technical data	
Base material	Wood, Metal, Plastic, Drywall, Sandwich panel
Stroke length	16 mm
Stroke rate	2900 strokes/minute
A-weighted emission sound pressure level[1)]	75 dB (A)
Triaxial vibration value for cutting board (ah,B)[2)]	5.3 m/s²

[1)] according to EN 60745
[2)] according to EN 60745-2-11



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Package contents

	Inserts HSS Co / Bit Set	Item Number
SR 2-A12 Body	SAW BLADE WD 15 6 (5)	**3621429**
	SAW BLADE WD 10 14 (5)	**3621430**
	SAW BLADE WD 15 6 (5)	**3622100**
	SAW BLADE WD 10 14 (5)	**3622101**
	SAW BLADE WD 15 6 (5)	**3621431**
	SAW BLADE WD 10 14 (5)	**3621432**

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

Cordless task light SL 2-A12 NEW





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



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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

Accessories for 12V Li-ion platform

Ordering designation	SF 2-A12	SFE 2-A12	SID 2-A12	SL 2-A12	SR 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 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**
Battery pack B 12/4.0 Li-ion 	■	■	■	■	■	1 pc	**2183144**
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)] For detailed stock availability and lead time information please contact your Hilti representative.

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

Cordless compact drill driver SF 4-A22





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.

Fleet Management

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reddot design award honourable mention 2011

Technical data

Rated voltage	21.6 V
Rotation speed	Gear 1: 600 rpm; Gear 2: 2100 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



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Package contents

	Inserts HSS Co	Item Number
SF 4-A22 Body	3MM MP10	**3702266**

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

Cordless drill driver SF 6-A22 (02) 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

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

Fleet Management ATC



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Package contents

	Inserts HSS Co	Item Number
SF 6-A22 Body	6MM MP10	**3656132**

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

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

Fleet Management

ATG

Technical data	
Maximum torque (soft/hard joint)	60 Nm (soft joint), 80 Nm (hard joint)
No load RPM	gear 2: 2000 rpm
Chuck clamping range	2 - 13 mm
Number of gears	2
Torque increments	15
Dimensions (LxWxH)	209 x 87 x 212 mm



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Package contents

Ordering designation	Package contents	Sales pack quantity	Item Number
Kit SF 6H-A22 G2 (HSS Co 1-13 Kit)	1x Cordl. ham. dr. driver SF 6H-A22 02, 1x Tool case SF 6H-A22 assy, 1x Twist drill bit HSS Co 1-13 (25)	**1 pc**	**3656168**
Kit SF 6H-A22 G2 (HSS3 MP10)	1x Cordl. ham. dr. driver SF 6H-A22 02, 1x Tool case SF 6H-A22 assy, 10x Twist drill bit HSS Co 3,0x61mm MP10	**1 pc**	**3656165**
Kit SF 6H-A22 G2 (HSS6 MP10)	1x Cordl. ham. dr. driver SF 6H-A22 02, 1x Tool case SF 6H-A22 assy, 10x Twist drill bit HSS Co 6,0x93mm MP10	**1 pc**	**3656166**
Kit SF 6H-A22 G2 (HSS6.5 MP10)	1x Cordl. ham. dr. driver SF 6H-A22 02, 1x Tool case SF 6H-A22 assy, 10x Twist drill bit HSS Co 6,5x101mm MP10	**1 pc**	**3656167**
SF 6H-A22 case	1x Cordl. ham. dr. driver SF 6H-A22 02, 1x Tool case SF 6H-A22 assy	**1 pc**	**2184337**

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

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

	Inserts	Item Number
SID 4-A22 Body	N/A	**2137090**
	Bit Set S-BSC UNI 50/2" T (6)	**3579380**
	N/A	**3558534**
	Bit Set S-BSC UNI 50/2" T (6)	**3579382**
	N/A	**3571043**
	Bit Set S-BSC UNI 50/2" T (6)	**3579384**

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

Cordless impact wrench SIW 6AT-A22 NEW





APPLICATIONS

- Driving 6 mm and 8 mm HUS3 screw anchors in concrete
- Driving screws in HRD frame anchors 8 mm and 10 mm in diameter in masonry and concrete
- Driving lag bolts up to 8 mm in diameter in wood
- Driving lag bolts up to 1/2” in diameter
- Tightening and releasing nuts and bolts in sizes M8 to M16
- Tightening and releasing high-strength nuts and bolts from M6 to M12

ADVANTAGES

- High-efficiency brushless motor means the tool lasts longer and gets more work done per charge
- Compact design for use wherever space is limited
- Three gears and electronic speed control for easy switching between different driving speeds and torque
- Four bright LEDs around the chuck provide direct illumination of the work surface
- Compatible with the Hilti SI-AT-A22 Adaptive Torque module for controlled fastenings
- Very compact and rugged Hilti Lithium CPC battery for high performance and long life

Technical data

Anvil type	1/2” detent pin
Maximum torque[1)]	1) 90 Nm (1); 135 Nm (2); 213 Nm (3)
Nut-busting torque	338 Nm
Bolt tension	95 Nm
Full hammering frequency	3500 impacts/minute
Number of gears	3
No load RPM	Gear 1: 1000 rpm; Gear 2: 1500 rpm; Gear 3: 2300 rpm;
Dimensions (LxWxH)	154 x 94 x 228 mm
A-weighted emission sound pressure level[2)]	94 dB (A)

[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.

[2)] according to EN 60745



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Package contents

	Inserts	Item Number
SIW 6AT-A22 Body	N/A	**2112536**

Related products on page

Consumable 225-226, 229

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Adaptive torque module SI-AT-A22 NEW





APPLICATIONS

- Setting Hilti HST3 anchors from M8 to M12 in concrete
- Repeatable, controlled fastening of metal bolts up to M16
- Setting Hilti HST3-R anchors from M8 to M12 in concrete

ADVANTAGES

- First impact wrench-based Adaptive Torque system (SIW 6ATA22 and SI-AT-A22 module) on the market covering ETA and ICC-ESR approvals for stud anchor installations
- Mechatronic system to control fastening – equips a compatible impact wrench to automatically torque and re-torque anchors in compliance with approvals
- Barcode scanner for easy, efficient setup while reducing opportunities for mistakes
- Documentation of executed fastenings together with the Adaptive Torque (AT) documentation software for better accountability and back-office efficiency
- Standard impact mode for setting concrete screw anchors

Technical data	
Accessory type	Adaptive torque module
Weight according to EPTA Procedure 01/2003	0.26 kg
Dimensions (LxWxH)	143 x 98 x 46 mm



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Package contents

Ordering designation	Package contents	Sales pack quantity	Item number
SI-AT-A22	1x Adaptive torque module SI-AT-A22, 1x USB cable	1 pc	**2138585**

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

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

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.

ADVANTAGES

- Compact design with excellent balance for precise handling
- ½" 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



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Package contents

	Inserts	Item Number
22T-A 1/2" Body	N/A	**409459**

Tool guide for bolting by ISO thread

ISO Metric thread	-	M6	-	M8	-	M10	M12	-	M14	M16	M18	M20	M22	-	M24
Wrench size (mm)	8	10	12	13	16	17	19	20	22	24	27	30	32	33	36
SIW 14-A	■	■*	■*	■		■	■		■	■					
SIW 6AT-A22	■	■	■	■	■*	■	■		■	■					
SIW 22T-A			■		■		■	■*	■	■*	■*	■	■		■
SIW 9-A22					■			■		■	■*	■*		■*	■*

* Pre-tighten

Tool guide by Anchor Ø

HUS Ø	6	8	10	14
Wrench size (mm)	13		15	21
SIW 14-A	■	■*		
SIW 6AT-A22	■	■	■*	
SIW 22T-A		■	■	■*
SIW 9-A22			■#	■

* Possible
# Carbon Steel version

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

Cordless impact wrench SIW 9-A22 NEW





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

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Technical data	
Anvil type	3/4” through hole
Maximum torque[1)]	800 Nm (1)
Nut-busting torque	875 Nm
Full hammering frequency	2200 impacts/minute
Number of gears	1
Dimensions (LxWxH)	250 x 92 x 267 mm

[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

Ordering designation	Package contents	Sales pack quantity	Item Number
SIW 9-A22 3/4” case	1x Cordl. impact wrench SIW 9-A22 assy, 1x Tool case SIW 9-A22 assy	1 pc	**2242016**

Tool guide for bolting by ISO thread

ISO Metric thread	-	M6	-	M8	-	M10	M12	-	M14	M16	M18	M20	M22	-	M24
Wrench size (mm)	8	10	12	13	16	17	19	20	22	24	27	30	32	33	36
SIW 14-A	■	■*	■*	■		■	■		■	■					
SIW 6AT-A22	■	■	■	■	■*	■	■		■	■					
SIW 22T-A			■		■		■	■*	■	■*	■*	■	■		■
SIW 9-A22					■			■		■	■*	■*		■*	■*

* Pre-tighten

Tool guide by Anchor Ø

HUS Ø	6	8	10	14
Wrench size (mm)	13		15	21
SIW 14-A	■	■*		
SIW 6AT-A22	■	■	■*	
SIW 22T-A		■	■	■*
SIW 9-A22			■#	■

* Possible
# Carbon Steel version

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

Cordless rotary hammer TE 2-A22





APPLICATIONS

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

ADVANTAGES

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

Fleet Management

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SDS plus

DRS 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/s²
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

	Inserts TE CX	Item Number
TE 2-A22 Body	M2 pack	**3695554**

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

Cordless rotary hammer TE 4-A22





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

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SDS plus · DRS with TE DRS-4-A

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/s²
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

	Inserts TE CX	Item Number
TE 4-A22 Body	M2 pack	**3695556**

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

Cordless rotary hammer TE 6-A22 NEW





APPLICATIONS

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

ADVANTAGES

- Full compatibility with all Hilti 22 V Li-ion batteries
- Active Vibration Reduction (AVR) system designed to protect the user from hand-arm vibration
- Virtually dustless drilling when used with the DRS-6-A dust removal system
- Hi-Drive technology - optimise internal transfer equalise fluctuations in the power supply and provide dust protection for each mechanical component through the highly efficient brushless drive

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Fleet Management

AVR

SDS plus

DRS
with TE DRS-6-A

Technical data	
Rated voltage	21.6 V
Optimum drilling diameter range for hammer drill bits	6 - 16 mm
Drilling diameter range for hammer drill bits	4 - 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)]	13.4 m/s²
Weight according to EPTA Procedure 01/2003	3.7 kg
Dimensions (LxWxH)	360 x 93 x 200 mm
Working mode	Hammer drilling, Chisel setting, Chiselling, Drilling only

[1)] according to EN 60745-2-6
[2)] according to EN 60745



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Package contents

	Inserts TE CX	Item number
TE 6-A22 BODY	M9 pack	**3695557**

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

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

reddot award 2015 winner

GOLD AWARD 2015

DRS with TE 4-A22

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



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Package contents

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

Dust removal system TE DRS-6-A NEW





APPLICATIONS

- Dust-free drilling with TE 6-A22 or 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

DRS

with TE 6-A22 or TE 6-A36

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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Package contents

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

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

	Inserts	Item Number
		2024449
SCM 22-A Body	1 x 165MM STEEL BLADE	**3570831**
		3570832

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

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

Fleet Management

reddot design award winner 2012

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

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



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Package contents

	Inserts	Item Number
		423165
SCW 22-A Body	1 x 165MM UNIVERSAL BLADE	3570834
		3570824

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

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

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

Fleet Management

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



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Package contents

	Inserts	Item Number
		2089210
SC 70W-A22 Body	1 x 190MM UNIVERSAL BLADE	3570827
		3570828

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

Cordless reciprocating saw SR 4-A22





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

Fleet Management

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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



Order Now

Package contents

	Inserts	Item Number
SR 4-A22 Body	UD 15 1014 BLADE MP5	**3602549**

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

Cordless reciprocating saw SR 6-A22 NEW





APPLICATIONS

- Cutting metal pipes and conduits
- Cutting reinforcing bars, threaded rods and metal profiles
- Cutting window frames, woodwork and plastics
- Cutting all types of metal including steel, stainless steel and aluminum
- Cutting various materials including plastics, gypsum, wood, trees and bricks/blocks

ADVANTAGES

- High-performance saw optimised for metal and wood demolition, lightweight tool with long service life
- Keyless clamp for fast and easy blade changes
- Tool ergonomics optimised for comfortable, two-handed operation
- Built-in LED light provides a shadow-free view of the cutting area
- Innovative dust removal accessory available

Fleet Management

DRS

需配合 VC 20/40-U / VC 40-U-Y 使用

Technical data

Base material	Metal, Wood
Stroke length	32 mm
Stroke rate	2600 strokes/minute
Dust removal system available	SR DRS
Weight according to EPTA Procedure 01/2003	3.8 kg
A-weighted emission sound pressure level[1)]	86 dB (A)
Triaxial vibration value for cutting board (ah,B)[2)]	17.5 m/s²

[1)] according to EN 60745
[2)] according to EN 60745-2-11



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Package contents

	Inserts	Item Number
SR 6-A22 Body	UD 15 1014 BLADE MP5	**3621643**

Related products on page
Insert 67

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Cordless 4" angle grinder AG 4S-A22 NEW





APPLICATIONS

- Cutting and grinding steel, stainless steel and other metals
- Finishing
- Deburring and polishing metal
- Cutting and grinding mineral materials
- Cutting tiles using continuous-rim diamond discs
- Demolition

ADVANTAGES

- Brushless motor – lasts up to three times longer (no commutator to damage and no carbon brushes to change)
- Very slim design and lock-on switch – for higher working comfort and less tiring handling in any working position
- Speed dial range from 3500-8000 rpm – for perfect grinding and cutting results on stainless steel
- Active Torque Control (ATC) stops the tool body from spinning uncontrolledly if the disc jams – helping to reduce a common safety hazard
- Cordless tool platform – the same battery for all 22V Hilti tools

Technical data	
Rated voltage	21.6 V
Disc diameter	104.9 mm
Max. cutting depth	23 mm
No load RPM	gear 1: 3400 rpm; gear 2: 3800 rpm; gear 3: 4400 rpm; gear 4: 5200 rpm; gear 5: 6300 rpm; gear 6: 7600 rpm
Trigger type	Lockable on / off
A-weighted emission sound pressure level[1)]	81.5 dB (A)

[1)] according to EN 60745



Fleet Management

ATC AVR SmartPower

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Package contents

Ordering designation	Package contents	Sales pack quantity	Item Number
Kit AG4S-A22 + 4"SPX(25)	1x Cordl. angle grinder AG 4S-A22-100, 1x Installation wrench Ø100 / M10, 1x Flange Ø31 / 16, 1x Threaded stud, 1x Comfort side handle, 1x Protective cover AG 4S-A22-100, 1x Clip-on front cover AG 4S-A22-100, 50x Cutting disc AC-D SPX 105x1,0 (MP25)	**1 pc**	**3638255**

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

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

Fleet Management

product design award 2012

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ATC SmartPower

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	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



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Package contents

	Inserts	Item Number
AG 125-A22 Body	CUTTING DISC AC-D 5" SPX MP25	**3599358**

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

Cordless cut-out tool SCO 6-A22





APPLICATIONS

- Cuts in dense materials such as abuse-resistant board, cementboard
- Cuts in double-layer 5/8” gypsum boards
- All basic drywall cut-outs
- Easy, controlled cuts around outlet boxes, can lights, etc.
- Fast cutting of long openings in drywall for doors and windows
- Plunge cutting in thin metal: HVAC, sure boards, steel studs, etc.

ADVANTAGES

- Compatible with all Hilti 22 V Li-ion batteries
- Brushless motor provides superior lifetime and cutting performance similar to that of a corded tool
- Optimal airflow management guides dust away from the user’s face and the motor
- Constant RPM (revolutions per minute) for smooth cutting
- One-handed paddle switch and fast-acting brake for additional safety and speed of operation
- Two bright LEDs at the front for good visibility of the cutting area, even in dark concerns

Technical data	
Rated voltage	21.6 V
No-load speed	30000 rpm
Weight according to EPTA Procedure 01/2003	1.9 kg
Dimensions (LxWxH)	324 x 90 x 118 mm



Fleet Management

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

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Package contents

	Inserts	Item number
		3592707
		3584251
SCO 6-A22 BODY	SCOB D 1/8 MP10	3584249
		3584247
		3584245

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

Cordless hydraulic pipe press tool NPR 019 IE-A22 NEW





APPLICATIONS

- Pressing copper, steel, multi-layer composite and PEX pipe fittings
- Pressing range up to 35 mm for copper and steel
- Pressing range up to 40 mm for multi-layer composite and PEX
- Compatible with G, M, TH, U and V fitting profiles

ADVANTAGES

- Light and compact inline tool for easy access and maneuverability
- Tool head rotates 350 degrees
- Pressing range up to 40 mm fittings
- Piston auto-retraction once the pressing operation is completed
- Approved by many system suppliers, for more information, please check the Hilti pipe press selector

Fleet Management

Technical data	
Dimensions (LxWxH)	355 x 75 x 120 mm
Weight according to EPTA Procedure 01/2003	2.3kg
Press force	19 kN
For use with jaws	NPR PM
Pressing capacity plastic pipes (U profile)	40 mm
Pressing capacity metal pipes (V profile)	35 mm
Press profile	G, M, TH, U, V
Head rotation	350 degrees
Service interval	15.000 cycles or 1 year



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Package contents

	Inserts	Item Number
NPR 019 IE-A22 Body	N/A	**2207152**

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

Cordless hydraulic pipe press tool NPR 032 IE-A22 NEW





APPLICATIONS

- Pressing steel pipes up to 54 mm
- Pressing copper pipes up to 108 mm
- Pressing PEX pipes up to 110 mm
- Compatible with G, M, TH, U and V fitting profiles

ADVANTAGES

- Light and compact inline tool for easy access and maneuverability
- Pressing range up to 110 mm fittings
- Tool head rotates 350 degrees
- Piston auto-retraction once the pressing operation is completed
- Approved by many system suppliers, for more information, please check the Hilti pipe press selector

Technical data	
Dimensions (LxWxH)	410 x 75 x 120 mm
Weight according to EPTA Procedure 01/2003	3.0 kg
Press force	32 kN
For use with jaws	NPR PS ; NPR PA
Pressing capacity plastic pipes (U profile)	75mm (110mm)
Pressing capacity metal pipes (V profile)	54mm (108mm)
Press profile	G, M, TH, U, V
Head rotation	350 degrees
Service interval	15.000 cycles or 1 year

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HILTI TOOL SERVICE 3 DAYS ON FREE REPAIR SERVICE

Fleet Management



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Package contents

	Inserts	Item Number
NPR 032 IE-A22 Body	N/A	**2207153**

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

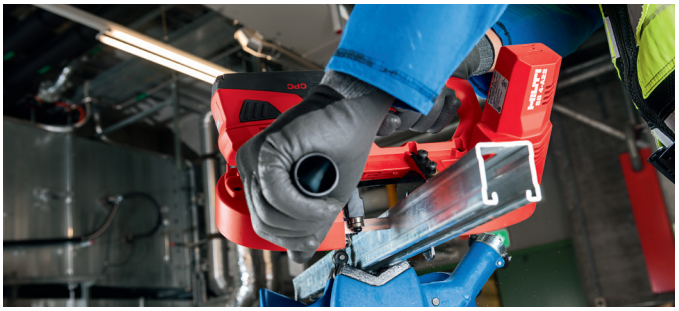
Accessories for cordless hydraulic pipe press tool

			Tool body		Actuator		
Press jaws / Rings	Diameter	Profile	NPR 019 IE-A22	NPR 032 IE-A22	NPR PA 2	Sales pack quantity	Item number
Press jaws NPR PM M 12 mini	12	M	■			1 pc	2168559
Press jaws NPR PM M 15 mini	15	M	■			1 pc	2163320
Press jaws NPR PM M 18 mini	18	M	■			1 pc	2163321
Press jaws NPR PM M 22 mini	22	M	■			1 pc	2163322
Press jaws NPR PM M 28 mini	28	M	■			1 pc	2163323
Press jaws NPR PM M 35 mini	35	M	■			1 pc	2163324
Press jaws NPR PS M 12	12	M		■		1 pc	2168636
Press jaws NPR PS M 15	15	M		■		1 pc	2163153
Press jaws NPR PS M 18	18	M		■		1 pc	2163154
Press jaws NPR PS M 22	22	M		■		1 pc	2163155
Press jaws NPR PS M 28	28	M		■		1 pc	2163156
Press jaws NPR PS M 35	35	M		■		1 pc	2163157
Press ring NPR PR M 42	42	M		■	■	1 pc	2206299
Press ring NPR PR M 54	54	M		■	■	1 pc	2206300
Press ring NPR PR M 66.7	66.7	M		■	■	1 pc	2191790[1]
Press jaws NPR PM V 12 mini	12	V	■			1 pc	2168633
Press jaws NPR PM V 14 mini	14	V	■			1 pc	2168634
Press jaws NPR PM V 15 mini	15	V	■			1 pc	2168637
Press jaws NPR PM V 16 mini	16	V	■			1 pc	2168635
Press jaws NPR PM V 18 mini	18	V	■			1 pc	2168638
Press jaws NPR PM V 22 mini	22	V	■			1 pc	2168639
Press jaws NPR PM V 28 mini	28	V	■			1 pc	2168640
Press jaws NPR PM V 35 mini	35	V	■			1 pc	2168641
Press jaws NPR PS V 12	12	V		■		1 pc	2168650
Press jaws NPR PS V 14	14	V		■		1 pc	2168651
Press jaws NPR PS V 15	15	V		■		1 pc	2163309
Press jaws NPR PS V 16	16	V		■		1 pc	2168652
Press jaws NPR PS V 18	18	V		■		1 pc	2163310
Press jaws NPR PS V 22	22	V		■		1 pc	2163311
Press jaws NPR PS V 28	28	V		■		1 pc	2163312
Press jaws NPR PS V 35	35	V		■		1 pc	2163313
Press jaws NPR PS V 42	42	V		■		1 pc	2168653
Press jaws NPR PS V 54	54	V		■		1 pc	2163314
Press ring NPR PR V 42	42	V		■	■	1 pc	2163365
Press ring NPR PR V 54	54	V		■	■	1 pc	2163366
Press ring NPR PR V 64	64	V		■	■	1 pc	2191758
Press ring NPR PR V 76	76	V		■	■	1 pc	2163369
Press ring NPR PR V 89	89	V		■	■	1 pc	2163370
Press ring NPR PR V 108	108	V		■	■	1 pc	2163371
Actuator jaws NPR PA 2						1 pc	2206272

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

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

	Inserts	Item Number
SB 4-A22 Body	3 x TPI 10/14 SAW BLADE	**3579385**

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

Cordless Jig Saws SJD 6-A22 NEW





APPLICATIONS

- Ideal for cutting and trimming a wide variety of materials on the jobsite or in the fabrication shop
- Wood and wood composites up to 150 mm thick
- Wood with nails
- Metals and metal alloys
- Plastics
- Sandwich materials

ADVANTAGES

- Cutting performance similar to that of a corded tool, covering even the most demanding applications in hard and thick materials
- Compatible with all Hilti 22V Li-ion batteries
- Variable-speed trigger with lock for continuous running
- Keyless “push in, click” chuck for convenient blade changes
- LED light, dust blower and reliable blade guidance provide a clear line of sight for precise cuts
- Optimised counter-balance to greatly reduce vibration

Technical data	
Base material	Wood, Metal, Sandwich panel
Stroke length	28 mm
Stroke rate	3000 strokes/minute
Max. bevel angle	45 °
Max. cutting depth for aluminium	25 mm
Max. cutting depth in mild steel	10 mm
Max. cutting depth for wood	150 mm
A-weighted emission sound pressure level[1)]	87 dB (A)
Triaxial vibration value for cutting board (ah,B)[2)]	5.8 m/s²

[1)] according to EN 60745
[2)] according to EN 60745-2-11



AVR DRS

Fleet Management

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Package contents

Ordering designation	Package contents	Sales pack quantity	Item number
Kit SJD6-A22 + BLADE UD105 (5)	1x Cordless orbital jig saw SJD 6-A22 EU, 1x Jig saw blade SJB GP set, 1x Tool case, 5x Jig saw blade UD 105 P HM (5)	1 pc	**3619907**

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

Cordless task light SL 2-A22 NEW





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



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Package contents

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

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Cordless task light SL 6-A22 NEW





APPLICATIONS

- Illumination of unlit and poorly lit work areas
- Replaces traditional filament-based corded flood and stand lights
- Overhead lighting when hung by integrated hooks in light foot/ base
- Stand/downward lighting when attached to a tripod or stand using the 5/8” thread attachment point
- Suitable for use in confined spaces

Technical data	
Brightness	3000 lm
Lux	2100 lx at 1 m
Operating time	B 22/3.0: 5.2hrs (33%), 2.8hrs (66%), 1.9hrs (100%), B 22/5.2: 8.8hrs (33%), 4.3hrs (66%), 3.2hrs (100%)
Weight	3.19 kg

ADVANTAGES

- LED panel outputs 3000 lumens of light while reducing heat emissions in close working conditions and staying cool to the touch
- Specially designed professional optic – limits stray light to minimize glare for those not directly using the light
- Three brightness modes (100%, 66%, 33%) with memory function to return to previous setting when powering on
- Foot/base design allows for hanging or mounting from a variety of jobsite surfaces including pipes, scaffolding, boards, etc.
- Horizontal (180º) and vertical (360º) rotation of light head – a variety of options to illuminate your work area
- Natural white light – clearly illuminates dark work areas with high color accuracy



Fleet Management

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Package contents

Ordering designation	Sales pack quantity	Item number
SL 6-A22 box	1 pc	**2186918**

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Robust jobsite radio RC 4/36-DAB NEW





APPLICATIONS

- Charging all Hilti Li-ion battery sizes and voltages (12-36V)
- Connectivity to Bluetooth®, 3.5mm aux. input and 5.0V/2.1A USB charger
- Receiving AM, FM and DAB stations
- Bluetooth® pairing with NFC

ADVANTAGES

- Jobsite radio with multi-voltage charging function for all Hilti Liion batteries
- Bluetooth® pairing with NFC to easily play music from all compatible devices
- 2 x 20W powerful two-way speakers provide excellent sound
- Thermoplastic bumpers protect the entire unit
- Runs on any 14.4-36V Hilti Li-ion battery or can be plugged into a wall outlet
- Metal grid with embossed Hilti logo shields the speakers

Fleet Management

Technical data	
Battery voltage compatibility	14 V, 22 V, 36 V
Connectivity options	Bluetooth, NFC, Aux
Radio broadcasting	DAB/DAB+, FM, AM
Features	RDS, Audio equalizer, USB charging
Charging battery compatibility	12 V, 14 V, 22 V, 36 V
Speakers output power	2x 20 W
Weight	6.95 kg
Dimensions (LxWxH)	289 x 296 x 350 mm
Working temperature range	-10 - 40 °C



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Package contents

Ordering designation	Package contents	Sales pack quantity	Item number
RC 4/36-DAB 110V	1x Radio-charger RC 4/36-DAB 110 V	1 pc	**2144804**
RC 4/36-DAB 230V	1x Radio-charger RC 4/36-DAB 230 V	1 pc	**2144803**

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

Battery diagnostic device BD 14/36 NEW



APPLICATIONS

- Suitable for checking all Hilti Li-ion batteries from 14 V to 36 V
- Fleet Management checks of Hilti Li-ion batteries
- Warehouse management checks of Hilti Li-ion batteries

ADVANTAGES

- Pocket-size device for rapid battery health diagnosis
- Takes only a few seconds to check the battery's electronics, cells and capacity
- Saves time – no need to wait for working batteries to return from the repair center
- Diagnostic device for all Hilti Li-ion batteries from 14V to 36V
- Clear and simple indication provided by two LEDs (green/red)

Technical data	
Battery voltage compatibility	14 V, 22 V, 36 V

Order Now

Package contents

Ordering designation	Package contents	Sales pack quantity	Item number
Battery diagnostic device BD 14/36	1 x Battery diagnostic device BD 14/36	1 pc	**2152272**

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

Accessories for 22V Li-ion platform

Ordering designation	SF4 A-22	SF 6-A22	SF 6H-A22	SID 4-A22	SIW 6AT-A22	SIW 22T-A	SIW 9-A22	TE 2-A22	TE 4-A22	TE 6-A22	SCM 22-A	SCW 22-A	SC 70W-A22	SR 4-A22	SR 6-A22	SJD 6-A22	AG 4S-A22	AG 125-A22	SB 4-A22	SCO 6-A22	NPR 019 IE-A22	NPR 032 IE-A22	SL 2-A22	SL 6-A22	RC 4/26-DAB	Sales pack qty.	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 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**
Replacement chuck										■																1 pc	**2123167**
Quick release chuck										■																1 pc	**2123166**
Angular chuck TE-AC 2										■																1 pc	**2126158**

[1)] For detailed stock availability and 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 6AT-A22	SIW 22T-A	TE 2-A22	TE 4-A22	TE 6-A22	SCM 22-A	SCW 22-A	SC 70W-A22	SR 4-A22	SR 6-A22	SJD 6-A22	AG 4S-A22	AG 125-A22	SB 4-A22	SCO 6-A22	NPR 019IE-A22	NPR 032IE-A22	SL 2-A22	SL 6-A22	RC 4/26-DAB	Sales pack qty.	Item number
Dust extr. hood (grinding) DG-EX 100/4”																■									1 pc	2101313
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-6-A									■																1 pc	2098238
Dust removal system TE-DRS-S							■																		1 pc	340602
Blade guard																		■							1 pc	2149569
Rafter holder																		■							1 pc	2162085
SR DRS														■											1 pc	2183224
SJD 6-A DRS														■	■										1 pc	2133684
Extraction adaptor SJ															■										1 pc	2133056

[1] For detailed stock availability and 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

Fleet Management

SDS plus

AVR DRS with TE DRS-6-A

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/s²
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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Package contents

	Inserts TE CX	Item Number
TE 6-A36 Body	M9 pack	**3695558**

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

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/s²
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

	Inserts TE CX	Item Number
TE 30-A36 G3 Body	20/22 MP2	**3571512**

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

Cordless reciprocating saw SR 30-A36 NEW





APPLICATIONS

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

ADVANTAGES

- Corded demolition saw performance, optimized for metal, wood, brick, and drywall demolition
- Keyless clamp for fast and easy blade changes
- Brake stops blade almost instantly when the trigger is released
- Electronic stroke rate preselection with 2 settings: fast for optimum cutting performance in wood and slow for metal
- Unmatched smoothness in cutting feel for professional operators

AVR DRS

2 YEARS BOOST WARRANTY · 3 MONTHS REPAIR WARRANTY · 3 DAYS ON-SITE REPAIR SERVICE

Fleet Management

Technical data

Base material	Metal, Wood, Brick, Lightweight concrete
Stroke length	32 mm
Stroke rate	2800 strokes/minute
Dust removal system available	SR DRS
Weight according to EPTA Procedure 01/2003	5.2 kg
Tool body weight	3300 g
A-weighted emission sound pressure level[1)]	85 dB (A)
Triaxial vibration value for cutting board (ah,B)[2)]	22.5 m/s²

[1)] according to EN 60745
[2)] according to EN 60745-2-11



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Package contents

	Inserts	Item Number
SR 30-A36 Body	UD 15 1014 BLADE MP5	**3627849**

Related products on page
Inserts 67

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

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

Fleet Management

ATC

SmartPower

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



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Package contents

	Inserts	Item Number
AG 125-A36 Body	CUTTING DISC AC-D 5" SPX MP25	**3599353**

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

Cordless combihammer TE 60-A36 NEW





APPLICATIONS

- Drilling anchor and through-holes in concrete and masonry (recommended diameter range 18-80 mm)
- Medium-duty demolition work
- Coring in masonry and concrete with TE-Y BK core bits up to 122 mm diameter
- Coring in masonry with optional DD-TE-Y-DR adapter and DD-Y PCM core bits up to 122 mm diameter
- Drilling anchor and through-holes in concrete and masonry (recommended diameter range 5/8” - 3-1/8”)

ADVANTAGES

- Active Torque Control (ATC) stops the tool body from spinning uncontrolledly if the drill bit jams – helping to reduce a common safety hazard
- Active Vibration Reduction (AVR) makes the tool less tiring to use – helping to increase daily productivity
- Brushless motor for exceptionally high performance and superior system efficiency
- High versatility for a wide range of drilling and chiselling applications
- Optional DRS-Y dust removal system collects up to 95% of dust
- OSHA 1926.1153 Table 1 compliant when used with the TE DRS-Y and TE DRS-D dust removal system and a Hilti vacuum cleaner

Technical data	
Weight according to EPTA Procedure 01/2003	8.1 kg
Optimum hammer drilling range	18 - 40 mm
Hammer drilling diameter range	12 - 40 mm
Rated voltage	36 V
Rated voltageload	8.1 J
Hammer drilling RPM	340 rpm



Fleet Management

SDS plus

AVR **ATC**

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Package contents

Ordering designation	Package contents	Sales pack quantity	Item number
Kit TE 60-A36 (TE-YX 32/57+YP-SM 36)	1x Cordless combihammer TE 60-A36, 1x Tool case TE 60-A36 assy, 1x Hammer drill bit TE-YX 32/57, 1x Pointed chisel TE-YP SM 36	1 pc	**3631517**

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

Accessories for 36V Li-ion platform

Ordering designation	TE 6-A36	TE 30-A36	WSR 36-A	AG 125-A36	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 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]
SR DRS 			■		1 pc	2183224

[1] For detailed stock availability and 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

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

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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] For detailed stock availability and lead time information please contact your Hilti representative.

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

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

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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] For detailed stock availability and lead time information please contact your Hilti representative.

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

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**

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

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

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

Order Now

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**

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

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

Order Now

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

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 6-A22, 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**

[1] For detailed stock availability and lead time information please contact your Hilti representative.

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

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

Bimetal hole saw MultiCut HS-MU



APPLICATIONS

- Cutting holes in multiple materials, Metal, Stainless steel, Drywall, Wood, Plastic, Cast iron

Technical data	
Working length	60 mm
Base material	Multiple materials, Metal, Stainless steel, Drywall, Wood, Plastic, Cast iron
Tool type	SF 2-A, SF 6-A22, SF 6H-A22

Order Now

Ordering designation	Diameter	Sales pack quantity	Item number
Hole saw 20mm-25/32" carbide tipp	20 mm	1	**2261253**
Hole saw 25mm-1" carbide tipp	25 mm	1	**2261254**
Hole saw 32mm-1 1/4" carbide tipp	32 mm	1	**2260958**
Hole saw 35mm-1 3/8" carbide tipp	35 mm	1	**2260959**
Hole saw 60mm-2 3/8" carbide tipp	60 mm	1	**2261202**
Hole saw 64mm-2 1/2" carbide tipp	64 mm	1	**2261203**
Hole saw 70mm-2 3/4" carbide tipp	70 mm	1	**2261206**
Hole saw 73mm-2 7/8" carbide tipp	73 mm	1	**2261207**
Hole saw 76mm-3" carbide tipp	76 mm	1	**2261208**

[1] For detailed stock availability and lead time information please contact your Hilti representative.

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

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] For detailed stock availability and lead time information please contact your Hilti representative.

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

1/2” impact socket, short



APPLICATIONS

- Tightening nuts and bolts

ADVANTAGES

- Two detent holes for increased connection accuracy between socket and ½” 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 6AT-A22, SIW 22T-A 1/2”

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

1/2” impact socket, long



APPLICATIONS

- Tightening nuts and bolts

ADVANTAGES

- Two detent holes for increased connection accuracy between socket and ½” 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 6AT-A22, SIW 22T-A 1/2”

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

SI-S 3/4” SHORT



APPLICATIONS

- Tightening nuts and bolts

ADVANTAGES

- Two detent holes to increase connection accuracy between the socket and the 3/4” anvil

Technical data

Drive connection	3/4” square
Drive head	6-point, hex, female
Material coating/plating/finish	Black phosphate
Tool type	SIW 9-A22

Ordering designation	Sales pack quantity	Item number
Impact socket SI-S 3/4”-15L	1 pc	**2235289**
Impact socket SI-S 3/4”-17L	1 pc	**2136470**
Impact socket SI-S 3/4”-19L	1 pc	**2136471**
Impact socket SI-S 3/4”-21L	1 pc	**2136472**
Impact socket SI-S 3/4”-24L	1 pc	**2136473**
Impact socket SI-S 3/4”-27L	1 pc	**2136474**
Impact socket SI-S 3/4”-30L	1 pc	**2136475**
Impact socket SI-S 3/4”-32L	1 pc	**2136476**
Impact socket SI-S 3/4”-36L	1 pc	**2136477**
Impact socket SI-S 3/4”-41L	1 pc	**2136478**
Impact socket SI-S 3/4”-46L	1 pc	**2136479**
E-Spring 3/4” =< 27mm / 1 1/16” MP5	1 pc	**2136354**
E-Spring 3/4” = 30mm / 1 1/8” MP5	1 pc	**2148350**

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

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 6AT-A22, SIW 22T-A 1/2”

Order Now **Watch Video**

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

Hammer drill bit metric TE-CX







APPLICATIONS

- Drilling holes for metal anchors in reinforced and unreinforced concrete
- Drilling holes for post-installed rebar connections
- Drilling drainage holes for drying out buildings
- 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
- Innovative solid carbide head featuring gradient technology for easy drilling through steel rebars
- Quadruple helix and optimum head geometry for consistently fast drilling progress over the entire life of the drill bit
- 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

Technical data

Connection end	TE-C (SDS-plus)
Base material	Reinforced concrete, Concrete, Brick, Masonry
Head shape	Multi cutter
Head material composition	Tungsten carbide
Number of cutting edges	4
Product class	Ultimate

SDS plus

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**	**-**	**-**

Ordering designation	Diameter	Working length	Overall length	Item number (1 pc)	Item number (8 pc)	Item number (16 pc)
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**	-	-
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	**2206745**	-	-
TE-CX 18/32	18 mm	250 mm	320 mm	**2206746**	-	-
TE-CX 18/48	18 mm	410 mm	480 mm	**2206747**	-	-
TE-CX 18/61	18 mm	540 mm	610 mm	**2206748**	-	-
TE-CX 18/90	18 mm	830 mm	900 mm	**2206749**	-	-
TE-CX 18/130	18 mm	1230 mm	1300 mm	**2206750**[1)]	-	-
TE-CX 20/22	20 mm	150 mm	220 mm	**2206751**	-	-
TE-CX 20/32	20 mm	250 mm	320 mm	**2206617**	-	-
TE-CX 20/48	20 mm	410 mm	480 mm	**2206618**	-	-
TE-CX 20/61	20 mm	540 mm	610 mm	**2206752**	-	-
TE-CX 22/27	22 mm	200 mm	270 mm	**2206619**	-	-
TE-CX 22/48	22 mm	410 mm	480 mm	**2206730**	-	-
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, 1”-10”	26 mm	200 mm	270 mm	**2206735**	-	-
TE-CX 26/48, 1”-18”	26 mm	400 mm	480 mm	**2206736**[1)]	-	-
TE-CX 28/27	28 mm	200 mm	270 mm	**421981**	-	-
TE-CX 28/48	28 mm	410 mm	480 mm	**2206738**	-	-

[1)] For detailed stock availability and lead time information please contact your Hilti representative.

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

Hammer drill bit in imperial size TE-CX

SDS plus



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	**2206735**	**-**
TE-CX 26/48 1”-18”	25.4 mm	400 mm	457 mm	**2206736**	**-**

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
- Drilling holes for post-installed rebar connections

Order Now

ADVANTAGES

- Drilling and setting with one tool

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

SDS plus



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**

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

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)] For detailed stock availability and lead time information please contact your Hilti representative.

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

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)] For detailed stock availability and lead time information please contact your Hilti representative.

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

Hollow drill bit TE-CD

SDS plus



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

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**
SCB WU 190x30 z24 A	Wood	190 mm	30 mm	24	Universal	1 mm	1 pc	**2145815**

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

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	Alumunium	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

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	**2194430**
SB 4 BM 14/18 TPI (3)	733 mm	13 mm	14-18	3 pc	**2194431**

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

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
RECIP. SAW BLADE WD 15_6 MP5	Heavy wood with metal	152 mm	1.3 mm	4.2 mm	6	5 pc	**2222128**
RECIP. SAW BLADE WD 23_6 MP5	Heavy wood with metal	229 mm	1.3 mm	4.2 mm	6	5 pc	**2222126**
RECIP. SAW BLADE WD 23_6 MP35	Heavy wood with metal	229 mm	1.3 mm	4.2 mm	6	35 pc	**2222129**

[1] For detailed stock availability and lead time information please contact your Hilti representative.

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

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
RECIP. SAW BLADE MD 15 10 MP 5	Heavy metal	152 mm	1.1 mm	2.5 mm	10	5 pc	**2179711**
RECIP. SAW BLADE MD 15 10 MP 50	Heavy metal	152 mm	1.1 mm	2.5 mm	10	50 pc	**2179710**
RECIP. SAW BLADE MD 15 10 MP 250	Heavy metal	152 mm	1.1 mm	2.5 mm	10	250 pc	**2179449**
RECIP. SAW BLADE MD 23 10	Heavy metal	229 mm	1.1 mm	2.5 mm	10	1 pc	**2179720**
RECIP. SAW BLADE MD 23 10 MP 50	Heavy metal	229 mm	1.1 mm	2.5 mm	10	50 pc	**2179719**
RECIP. SAW BLADE MD 23 10 MP 200	Heavy metal	229 mm	1.1 mm	2.5 mm	10	200 pc	**2179718**
RECIP. SAW BLADE MD 30 10	Heavy metal	305 mm	1.1 mm	2.5 mm	10	1 pc	**2179726**
RECIP. SAW BLADE MD 30 10 MP 50	Heavy metal	305 mm	1.1 mm	2.5 mm	10	50 pc	**2179725**
RECIP. SAW BLADE MD 15 14 MP 5	Heavy metal	152 mm	1.1 mm	2.5 mm	14	5 pc	**2179713**
RECIP. SAW BLADE MD 15 14 MP 50	Heavy metal	152 mm	1.1 mm	2.5 mm	14	50 pc	**2179712**
RECIP. SAW BLADE MD 23 14 MP 5	Heavy metal	229 mm	1.1 mm	2.5 mm	14	5 pc	**2179722**
RECIP. SAW BLADE MD 23 14 MP 50	Heavy metal	229 mm	1.1 mm	2.5 mm	14	50 pc	**2179721**
RECIP. SAW BLADE MD 30 14	Heavy metal	305 mm	1.1 mm	2.5 mm	14	1 pc	**2179728**
RECIP. SAW BLADE MD 30 14 MP 50	Heavy metal	305 mm	1.1 mm	2.5 mm	14	50 pc	**2179727**
RECIP. SAW BLADE MD 15 18 MP 5	Heavy metal	152 mm	1.1 mm	1.4 mm	18	5 pc	**2179715**
RECIP. SAW BLADE MD 15 18 MP 50	Heavy metal	152 mm	1.1 mm	1.4 mm	18	50 pc	**2179714**
RECIP. SAW BLADE MD 20 18 MP 5	Heavy metal	203 mm	1.1 mm	1.4 mm	18	5 pc	**2179717**
RECIP. SAW BLADE MD 20 18 MP 50	Heavy metal	203 mm	1.1 mm	1.4 mm	18	50 pc	**2179716**
RECIP. SAW BLADE MD 23 18 MP 5	Heavy metal	229 mm	1.1 mm	1.4 mm	18	5 pc	**2179724**
RECIP. SAW BLADE MD 23 18 MP 50	Heavy metal	229 mm	1.1 mm	1.4 mm	18	50 pc	**2179723**
RECIP. SAW BLADE SPX 15 8 MP3	Heavy metal	150 mm	1.65 mm	2.5 mm	8	3 pc	**2262138**
RECIP. SAW BLADE SPX 15 8 MP10	Heavy metal	150 mm	1.65 mm	2.5 mm	8	10 pc	**2262139**
RECIP. SAW BLADE SPX 23 8 MP3	Heavy metal	230 mm	1.65 mm	2.5 mm	8	3 pc	**2262670**
RECIP. SAW BLADE SPX 23 8 MP10	Heavy metal	230 mm	1.65 mm	2.5 mm	8	10 pc	**2262675**
RECIP. SAW BLADE SPX 30 8 MP3	Heavy metal	300 mm	1.65 mm	2.5 mm	8	3 pc	**2262676**
RECIP. SAW BLADE SPX 30 8 MP10	Heavy metal	300 mm	1.65 mm	2.5 mm	8	10 pc	**2262677**

[1] For detailed stock availability and lead time information please contact your Hilti representative.

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

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
Recip. saw blade SP 15 1014 (5) univ	Heavy universal	152 mm	1.3 mm	1.80-2.5 mm	10-14	5 pc	**2267008**
Recip. saw blade SP 15 1014 (35) univ	Heavy universal	152 mm	1.3 mm	1.80-2.5 mm	10-14	35 pc	**2267009**
Recip. saw blade SP 20 1014 (5) univ	Heavy universal	203 mm	1.3 mm	1.80-2.5 mm	10-14	5 pc	**2267010**
Recip. saw blade SP 20 1014 (35) univ	Heavy universal	203 mm	1.3 mm	1.80-2.5 mm	10-14	35 pc	**2267011**
Recip. saw blade SP 20 1014 (175) univ	Heavy universal	203 mm	1.3 mm	1.80-2.5 mm	10-14	175 pc	**2267012**
Recip. saw blade SP 30 1014 (5) univ	Heavy universal	305 mm	1.3 mm	1.80-2.5 mm	10-14	5 pc	**2267013**
Recip. saw blade SP 30 1014 (35) univ	Heavy universal	305 mm	1.3 mm	1.80-2.5 mm	10-14	35 pc	**2267014**
Recip. saw blade SP 30 1014 (175) univ	Heavy universal	305 mm	1.3 mm	1.80-2.5 mm	10-14	175 pc	**2267015**

[1] For detailed stock availability and lead time information please contact your Hilti representative.

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

Cutting disc AC-D



APPLICATIONS

- Cutting metals in the form of rebar, channels, angle profiles, pipes and sheet

ADVANTAGES

- Enhanced lifetime and cutting speed thanks to new zirconia grit technology

Technical data

Disclaimer	Use angle grinder with double-sided
Arbor size	22.23 mm
Blade / disc shape	Flat, Shape 41

Order Now

Ordering designation	Blade diameter	Disc diameter	Blade/disc thickness	Max. grain size	Max. permitted speed	Sales pack quantity	Item number
AC-D SP 125x1.0	125 mm	125 mm	1 mm	60	12300 rpm	25 pc	**2150704**
AC-D SPX 125x1.0	125 mm	125 mm	1 mm	60	12300 rpm	25 pc	**2150705**
AC-D SPX 150x1.2	150 mm	150 mm	1.2 mm	46	10200 rpm	25 pc	**2150730**
AC-D SPX 180x1.5	180 mm	180 mm	1.5 mm	46	8500 rpm	25 pc	**2150733**
AC-D SPX 105x1.0 (MP50)	105 mm	105 mm	1 mm	46	15300 rpm	50 pc	**2253920**
AC-D SPX 105x1.0 (MP25)	105 mm	105 mm	1 mm	46	15300 rpm	25 pc	**2251539**

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

DRILLING & DEMOLITION



Drilling & Demolition



Rotary Hammer

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Combihammer

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Hammer Drill Bits

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Hammer drill bit set TE-CX Page 124
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Auto setting tool HKD-TE-CX (Long) Page 125
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Drilling & Demolition

Breakers

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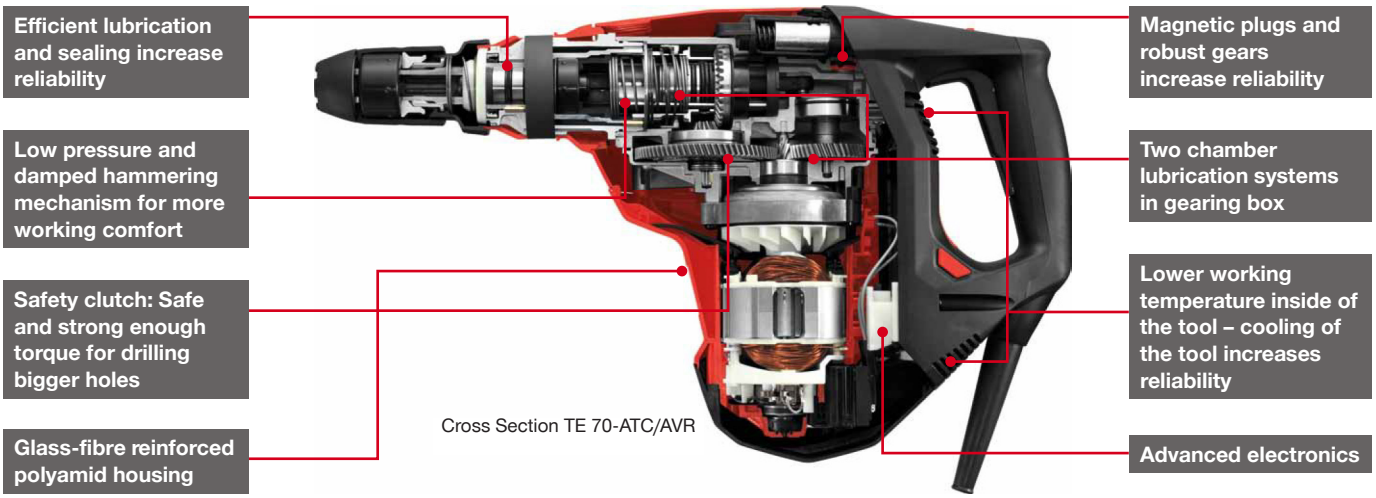
Narrow-flat chisel TE-YP-FM	Page 145
Wide-flat chisel TE-YP SPM	Page 146

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.





Cross Section TE 70-ATC/AVR

SIMPLY BETTER BUILT

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

IT PAYS TO PLAY SAFE

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

ATC

ACTIVE TORQUE CONTROL

Greater safety thanks to automatic cut-out.

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

AVR

ACTIVE VIBRATION REDUCTION

Up to 2/3 lower vibration.

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

DRS

ACTIVE TORQUE CONTROL

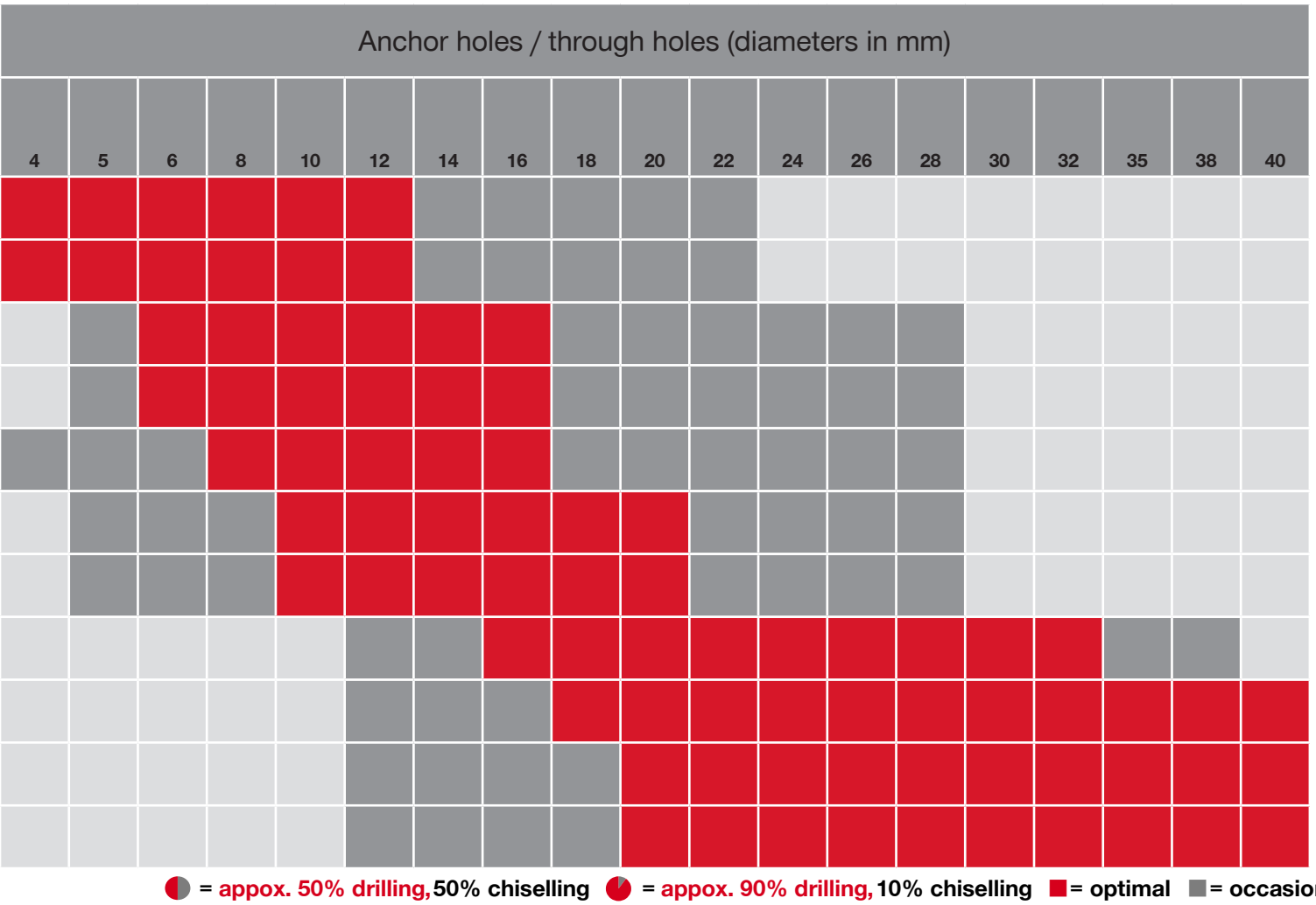
Putting an end to dust.

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-S	650	2.7				■	■	■	■
TE 2-M	650	2.9				■	■	■	■
TE 3-CL	850	3				■	■	■	■
TE 3-ML	850	3.1				■	■	■	■
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		
						Highly reinforced concrete	Concrete/ Granite/ Stone/ Solid brick	Hollow brick/ Tile
TE 500-X G3 	1250	4.8	●		Hex 17	■	■	■
TE 800-AVR 	1850	10.6	●		TE-S	■	■	
TE 1000-AVR 	1750	12.5	●		TE-S	■	■	
TE 2000-AVR 	2100	14.5	●		TE-S	■	■	
TE 3000-AVR 	2070	29.9	●			■	■	


Anchor holes / through holes (diameters in mm)
4
5
6
8
10
12
14
16
18
20
22
24
26
28
30
32
35
38
40
= appox. 50% drilling, 50% chiselling
= appox. 90% drilling, 10% chiselling
= optimal
= occasional

Tool Drop Prevention Tether (Heavy and Medium) with Retaining Strap





APPLICATIONS

- Fall protection for compatible power tools weighing up to 1 1.4 kg
- Fall protection for compatible power tools weighing up to 25 lbs
- Helps to avoid workplace injuries caused by dropped tools
- Helps to prevent damage to tools if dropped

ADVANTAGES

- ANSI compliant – tested according to advanced standards on tool drop prevention, ANSI 121-2018
- Helps to protect tools – shock-absorbing bungee tether tested to help prevent drop energy damaging Hilti tools
- Self-locking carabiner – easier to operate with one hand, and designed to hinder accidental opening
- Clear labelling – the weight limit and other key information is shown on every lanyard
- Two versions available – choose from a double carabiner version for tools up to 6.8 kg, or carabiner-to-loop tethers for tools up to 1.4kg
- Two versions available – choose from a double carabiner version for tools up to 15 lbs, or carabiner-to-loop tethers for tools up to 25 lbs



Order Now

Tool Tether 6.8 kg

Order Now

Tool Tether 11.4 kg

Order Now

Retaining Strap (with tool tether 6.8 kg

Ordering designation	Package contents	Sales pack quantity	Item number
Tether	-	1 pc	**2149766**

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

Rotary hammer TE 2-S





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
- Pivotable side handle with depth gauge, lockbutton for sustained operation and forwards / reverse switch

2 YEARS NO COST WARRANTY · 3 MONTHS REPAIR WARRANTY · 3 DAYS ON TIME REPAIR SERVICE

Fleet Management

SDS plus

DRS
with TE-DRS-S

Technical data	
Rated inuput 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/s²
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



Order Now

Package contents

	Inserts TE CX	Item Number
TE 2-S 230V	M2 pack	**3695560**
TE 2-S 110V	M2 pack	**3701695**

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

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 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
- Pivotable side handle with depth gauge, lockbutton for sustained operation and forwards / reverse switch
- Interchangeable quick-release chuck for insert tools

HILTI TOOL SERVICE 2 YEARS NO COST WARRANTY
HILTI TOOL SERVICE 3 MONTHS REPAIR WARRANTY
HILTI TOOL SERVICE 3 DAYS ON FREE REPAIR SERVICE
Fleet Management
SDS plus
product design award 2008
reddot design award winner 2008
DRS with TE-DRS-S

Technical data	
Rated inuput 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/s²
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



Order Now

Package contents

	Inserts TE CX	Item Number
TE 2-M 230V	M2 pack	**3695562**
TE 2-M 110V	M2 pack	**3695561**

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

Rotary Hammer TE 3-CL NEW





APPLICATIONS

- Drilling and hammer drilling in concrete and masonry
- Corrective chiselling and light channel chasing in concrete and masonry
- Cutting socket recesses in masonry
- Driving screws using optional bit holders

ADVANTAGES

- Triple-mode SDS rotary hammer (hammer drilling, rotary-only drilling and chiselling) for multiple applications
- Sturdy motor provides high performance and overload protection
- Includes Hilti Cooltec with active cooling to extend tool lifetime
- Optional, easily-attachable dust collection device (DCD) helps protect the operator from falling dust and fragments when drilling overhead
- Lock button for continuous chiseling

Fleet Management

SDS plus

Technical data	
Working mode	Hammer drilling, Drilling only, Chiselling
Optimum drilling diameter in concrete	6 - 16 mm
Hammer drilling diameter range	5 - 28 mm
Rotation speed gear 1 under no load	1200 rpm
Single impact energy	2.1 J
Full hammering frequency	4860 impacts/minute
Triaxial vibration value for hammer drilling into concrete (ah,HD)[1)]	15.1 m/s²
Weight according to EPTA Procedure 01/2003	3 kg
Dimensions (LxWxH)	377 x 88 x 204 mm

[1)] according to EN 60745-2-6



Order Now

Package contents

	Insert TE-CX	Item number
TE 3-CL 110V	M9 pack	**3695563**
TE 3-CL 230V	M9 pack	**3695564**

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

Rotary Hammer TE 3-ML NEW





APPLICATIONS

- Drilling and hammer drilling in concrete and masonry
- Corrective chiselling and light channel chasing in concrete and masonry
- Drilling in wood and steel with the optional quick-release chuck
- Cutting socket recesses in masonry
- Driving screws using optional bit holders

ADVANTAGES

- Triple-mode SDS rotary hammer (hammer drilling, rotary-only drilling and chiselling) for multiple applications
- Sturdy motor provides high performance and overload protection
- Includes Hilti Cooltec with active cooling to extend tool lifetime
- Optional, easily attachable dust collection device (DCD) helps protect the operator from falling dust and fragments when drilling overhead
- Lock button for continuous chiseling

2 YEARS NO COST WARRANTY | 3 MONTHS REPAIR WARRANTY | 3 DAYS ON FREE REPAIR SERVICE | Fleet Management | SDS plus

Technical data	
Working mode	Hammer drilling, Drilling only, Chiselling
Optimum drilling diameter in concrete	6 - 16 mm
Hammer drilling diameter range	5 - 28 mm
Rotation speed gear 1 under no load	1200 rpm
Single impact energy	2.1 J
Full hammering frequency	4860 impacts/minute
Triaxial vibration value for hammer drilling into concrete (ah,HD)[1)]	15.1 m/s²
Weight according to EPTA Procedure 01/2003	3.1 kg
Dimensions (LxWxH)	377 x 88 x 204 mm

[1)] according to EN 60745-2-6



Order Now

Package contents

	Insert TE-CX	Item number
TE 3-ML 110V	M9 pack	**3695565**
TE 3-ML 230V	M9 pack	**3695566**

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

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

Fleet Management

SDS plus

product design award 2008

reddot design award winner 2008

DRS with TE-DRS-S

Technical data	
Rated inuput 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/s²
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



Order Now

Package contents

	Inserts TE CX	Item Number
TE 7-C 230V	M9 pack	**3695567**
TE 7-C 110V	M9 pack	**3695568**

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

Accessories for Rotary Hammers

Ordering designation		TE 2-S	TE 2-M	TE 3-CL	TE 3-ML	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 13mm 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**
Angular chuck TE-AC 2 Drilling in concrete and masonry					■		1 pc	**2126158**
Dust removal system TE DRS-M Dust module with extraction fan, duct container with filter, depth gauge, end stop, push-fit coupling, packed in a cardboard box						■	1 pc	**2267769**
Replacement chuck Chuck for TE-C / TE-CX drill bits with SDS Plus connection end					■		1 pc	**2123167**
Quick release chuck Keyless quick-release chuck for Hilti rotary hammers with chuck interface					■		1 pc	**2123166**
Dust collection device Optional, easily attachable dust collection device (DCD) helps protect the operator from falling dust and fragments when drilling overhead				■	■		1 pc	**2090706**

[1] For detailed stock availability and lead time information please contact your Hilti representative.

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

SDS plus

DRS
with VC 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/s²
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	20/22 MP2	**3571508**
TE 30 G2 110V	20/22 MP2	**3571504**

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

Combihammer TE 30-AVR NEW





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

HILTI TOOL SERVICE 2 YEARS NO COST WARRANTY · HILTI TOOL SERVICE 3 MONTHS REPAIR WARRANTY · HILTI TOOL SERVICE 3 DAYS ON FREE REPAIR SERVICE

Fleet Management

SDS plus

AVR DRS

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

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/s²
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	20/22 MP2	**3631204**
TE 30-AVR G2 110V	20/22 MP2	**3630818**

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

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

SDS max

AVR

DRS

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/s²
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 25/52 + TE-YP SM 36	**3572909**
TE 50-AVR 110V	TE-YX 25/52 + TE-YP SM 36	**3572912**

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

Combihammer TE 60-AVR NEW





APPLICATIONS

- Drilling anchor and through-holes in concrete and masonry (recommended diameter range 18-40 mm)
- Coring in mansory 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

SDS max

AVR

DRS

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/s²
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	**3592794**
TE 60-AVR 110V	TE-YX 20/32 + TE-YP SM 36	**3592788**

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

Combihammer TE 70-AVR





APPLICATIONS

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

Fleet Management

SDS max

AVR

product design award 2008

product design award 2014 GOLD

reddot award 2014 best of the best

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

Technical data	
Rated inuput 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/s²
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 40/57 + TE-YP SM 36	**3573066**
TE 70-AVR 110V	TE-YX 40/57 + TE-YP SM 36	**3573061**

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

Rotary Hammer TE 70 ATC/AVR 04 NEW





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

- Active Torque Control (ATC) stops the tool body from spinning uncontrolledly if the drill bit jams – helping to reduce a common safety hazard
- Active ibration Reduction (AVR) makes the tool less tiring to use – helping to increase daily productivity
- Virtually maintenance-free brushless SR motor and dou-ble-chamber lubrication systems for longer service intervals and tool lifetime
- Optional DRS-Y dust removal system collects up to 95% of dust
- Detachable supply cord for quicker and easier replacement of damaged/broken cords on the jobsite
- OSHA 1926.1153 Table 1 compliant when used with the TE DRS-Y and TE DRS-D dust removal system and a Hilti vacuum cleaner
- Highest productivity for a wide range of drilling and chiselling applications

Technical data	
Active Torque Control	Yes
Active Vibration Reduction	Yes
Dust removal system available	TE DRS-Y , TE DRS-D
Full hammering frequency	2830 impacts/minute
Functionality	Active Torque Control (ATC), Chiselling, Power reduction, Active Vibration Reduction (AVR)
Hammer drill bits (optimum dia. max)	55 mm
Hammer drill bits (optimum dia. min)	20 mm
Hammer drilling diameter range	12 - 55 mm
Hammer drilling RPM	245 rpm
Hilti Connect	Yes
Optimum hammer drilling range	20 - 55 mm
Power source	Corded
Product class	Premium
Single impact energy	14.5 J
Tool chuck type	TE-Y (SDS-max)
Triaxial vibration value for ham-mer drilling into concrete (ah,HD)	8.3 m/s²
Weight according to EPT A Proce-dure 01/2003	10 kg
Weight class	7 kg
Working comfort	ATC, AVR

[1] according to EN 60745-2-6

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Ordering designation	Package contents	Sales pack quantity	Item number
TE 70 ATC/AVR 230V 04(TE-YX40+YPX-SM36)	1x Combihammer TE 70-ATC/AVR 220V-240V, 1x Supply cord 230V 4m univ, 1x Hilti Grease, 1x Tool case TE 70-ATC/AVR assy, 1x Pointed chisel TE-YX SM 36, 1x Hammer drill bit TE-YX 40/57 1 9/16-23”	1 pc	**3735128**
TE 70 ATC/AVR 110V 04(TE-YX40+YPX-SM36)	1x Combihammer TE 70-ATC/AVR 110V, 1x Supply cord 110V 4m univ, 1x Hilti Grease, 1x Tool case TE 70-ATC/AVR assy, 1x Pointed chisel TE-YX SM 36, 1x Hammer drill bit TEYX 40/57 1 9/16-23”	1 pc	**3735129**

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

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.



1+1=3
Plus de performanță.
Scule + Accesorii Hilti.

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 heavyduty 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 corbide 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

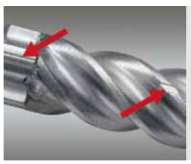
- Drilling holes for metal anchors in reinforced and unreinforced concrete
- Drilling holes for post-installed rebar connections
- Drilling through-holes for pipes and cables

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.

Order Now Watch Video

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	**2206745**	-	-
TE-CX 18/32	18 mm	250 mm	320 mm	**2206746**	-	-
TE-CX 18/48	18 mm	410 mm	480 mm	**2206747**	-	-
TE-CX 18/61	18 mm	-	610 mm	**2206748**	-	-
TE-CX 18/90	18 mm	830 mm	900 mm	**2206749**	-	-
TE-CX 18/130	18 mm	1230 mm	1300 mm	**2206750**[1)]	-	-
TE-CX 20/22	20 mm	150 mm	220 mm	**2206751**	-	-
TE-CX 20/32	20 mm	250 mm	320 mm	**2206617**	-	-
TE-CX 20/48	20 mm	410 mm	480 mm	**2206618**	-	-
TE-CX 20/90	20 mm	540 mm	900 mm	**427816**	-	-
TE-CX 22/27	22 mm	200 mm	270 mm	**2206619**	-	-
TE-CX 22/48	22 mm	410 mm	480 mm	**2206730**	-	-
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 26/48, 1”-18”	26 mm	-	480 mm	**2206736**[1)]	-	-
TE-CX 28/27	28 mm	200 mm	270 mm	**421981**	-	-
TE-CX 28/48	28 mm	410 mm	480 mm	**2206738**	-	-

[1)] For detailed stock availability and lead time information please contact your Hilti representative.

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

Hammer drill bit set TE-CX

SDS plus



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

Hammer drill bit in imperial sizes TE-CX



SDS plus

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 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

Order Now

ADVANTAGES

- Drilling and setting with one tool

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

SDS plus



Order Now

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

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 (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)] For detailed stock availability and 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

SDS plus

product design award 2013

reddot design award best of the best 2013

SAFE-ET



Order Now Watch Video

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**

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

Hollow drill bit TE-YD

SDS plus

product design award 2013

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)] For detailed stock availability and lead time information please contact your Hilti representative.

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

Hammer drill bit TE-YX

SDS max



APPLICATIONS

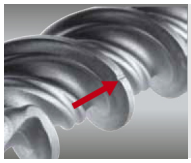
- Easy drilling in hard-to-access locations for mechanical and electrical installation
- Reinforcing foundations of older buildings during renovation
- Installing rebar in bridges and tunnels

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 p rogress.

Order Now Watch Video

Ordering designation	Diameter	Working length	Overall length	Sales pack quantity	Item number
TE-YX 12/32	12 mm	170 mm	320 mm	1 pc	2179043
TE-YX 12/52	12 mm	370 mm	520 mm	1 pc	2179045
TE-YX 12/67	12 mm	520 mm	670 mm	1 pc	206501
TE-YX 14/32	14 mm	170 mm	320 mm	1 pc	2179047
TE-YX 14/52	14 mm	370 mm	520 mm	1 pc	2179049
TE-YX 15/32	15 mm	170 mm	320 mm	1 pc	2179071
TE-YX 15/52	16 mm	370 mm	520 mm	1 pc	2179072
TE-YX 16/32	16 mm	170 mm	320 mm	1 pc	2179073
TE-YX 16/52	16 mm	370 mm	520 mm	1 pc	2179075
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

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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**
TE-YX 45/57 1 3/4-23"	45 mm	450 mm	570 mm	1 pc	**2120430**
TE-YX 45/92 1 3/4-36"	45 mm	800 mm	920 mm	1 pc	**2120429**
TE-YX 55/57 2 3/16-23"	55 mm	450 mm	570 mm	1 pc	**2120431**
TE-YX 55/92 2 3/16-36"	55 mm	800 mm	920 mm	1 pc	**2120432**

[1] For detailed stock availability and lead time information please contact your Hilti representative.

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

Hammer drill bit TE-Y NEW



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

Order Now

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] For detailed stock availability and lead time information please contact your Hilti representative.

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

Breaker TE 500-X G3 NEW





APPLICATIONS

- Making or enlarging breaches on concrete / masonry walls
- Removing tiles
- Surfacing work on concrete walls
- Corrective chiseling on concrete / masonry walls
- Creating channels in concrete or masonry

ADVANTAGES

- Tool optimised for the Asian construction industry – including a short and compact design for use in tight spaces
- Strong performance (7.5 J) combined with low weight (only 4.8 kg)
- Robust tool with good protection against heat and dust – prolonging lifetime and lowering repair costs
- The new air cooling and insulation concept minimises the temperature of the front grip - improving user comfort and enabling higher productivity
- Robust trigger switch with variable speed control
- Easily-exchangeable carbon brushes, power supply cord and switch to minimise tool downtime



Technical data	
Rated input power	1250 W
Single impact energy	7.5 J
Full hammering frequency	3228 impacts/minute
Max. chiselling performance	1000 cm³/min
Triaxial vibration for chiselling in concrete[1)]	15.3 m/s²
Weight according to EPTA Procedure 01/2003	4.8 kg
Dimensions (LxWxH)	419 x 105 x 240 mm

[1)] according to EN 60745-2-6



Order Now

Ordering designation	Inserts	Sales pack quantity	Item number
TE 500-X 230V	3x Pointed chisel TE-H17P SM 28	1 pc	**3603838**
TE 500-X 110V	3x Pointed chisel TE-H17P SM 28	1 pc	**3603837**

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

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

Fleet Management

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 Pointed Wave Chisel TE-SPX SM 36	**3604417**
TE 800-AVR 110V		**3604416**

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

Breaker TE 1000-AVR





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



Fleet Management

AVR

GOLD AWARD 2015

reddot award 2015 winner

DRS 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 Pointed Wave Chisel TE-SPX SM 36	**3604419**
TE 1000-AVR 110V		**3604418**

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

Breaker TE 2000-AVR





APPLICATIONS

- Medium-duty demolition of concrete slabs and foundations
- Removing concrete for rebar connections and utility connections
- Breaking work on concrete or other materials in basements and on patios in residential applications
- Breaking out channels for laying pipe in plumbing applications

ADVANTAGES

- Minimal vibration of 4.8 m/s² according to EN 60745-2-6
- Longer service intervals and prolonged lifespan thanks to the brushless, maintenance-free SR motor
- OSHA 1926.1153 Table 1 compliant when used with the TE DRS-B dust removal system and a Hilti vacuum cleaner
- Optional TE DRS-B dust removal system collects up to 95% of dust
- Very low weight makes the tool easy to handle and manoeuvre in medium-duty concrete demolition jobs
- T-handle design for efficient performance and maximum working comfort on floor demolition jobs

Fleet Management

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

Technical data	
Single impact energy	35 J
Full hammering frequency	1800 impacts/minute
A-weighted emission sound pressure level[1]	77 dB (A)
Max. chiselling performance	14200 cm³/min
Triaxial vibration for chiselling in concrete[2]	4.8 m/s²
Weight according to EPTA Procedure 01/2003	14.5 kg
Dimensions (LxWxH)	731 x 574 x 146 mm

[1] according to EN 60745

[2] according to EN 60745-2-6



Order Now

Ordering designation	Package contents	Sales pack quantity	Item number
TE 2000-AVR 230V	1x Supply cord 230V 4m, 4x Pointed Wave Chisel TE-SPX SM 36	1 pc	**3606359**
TE 2000-AVR 110V	1x Supply cord 110V 4m, 4x Pointed Wave Chisel TE-SPX SM 36	1 pc	**3606358**

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

Breaker TE 3000-AVR





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

Fleet Management

AVR

product design award 2010

reddot design award best of the best 2010

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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Ordering designation	Package contents	Item Number
TE 3000-AVR 110V	1 x Supply cord, 1 x TE-H28P SM40, 1 x TE-H28P FM 40, 1 x Trolley	**3603196**
TE 3000-AVR 230V	1 x Supply cord, 1 x TE-H28P SM40, 1 x TE-H28P FM 40, 1 x Trolley	**3603195**

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

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
Dust removal system TE-DRS-Y		■					1 pc	2055718
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

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POLYGON CHISELS

Peak performance without resharpening

INNOVATIVE NEW SELF-SHARPENING POLYGON DESIGN:



- More productive: Constant, high performance over the entire life of the chisel, better breaking effect
- Lower costs: No resharpening, 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

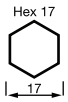


- Innovative wave design reduces sticking and increases productivity
- Consistently high performance over the entire service life of the chisel, improved breaking efficiency
- Self-sharpening for constantly high chiseling performance, no reforging / resharpening costs
- Induction hardening for highest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



Chisels for TE-H (Hex 17) connection end

Narrow-flat chisel TE-H17P FM





APPLICATIONS
- Chipping

Technical data	
Tool type	TE 500-X

ADVANTAGES
- Innovative polygon design and self-sharpening tip –designed to deliver consistently high breaking and chiseling performance over its entire lifetime

Order Now

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

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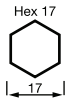
Wide-flat chisel TE-H17P SPM





APPLICATIONS
- Chipping

Technical data	
Tool type	TE 500-X

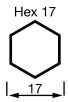
ADVANTAGES
- Innovative polygon design and self-sharpening tip –designed to deliver consistently high breaking and chiseling performance over its entire lifetime

Order Now

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

Pointed chisel TE-H17P SM





APPLICATIONS
- Breaking

Technical data	
Tool type	TE 500-X

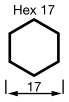
ADVANTAGES
- Innovative polygon design and self-sharpening tip –designed to deliver consistently high breaking and chiseling performance over its entire lifetime

Order Now

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

Universal shank TE-H17 SS





APPLICATIONS
- For use with tamping and bushing tools

Technical data	
Tool type	TE 500-X

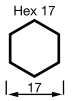
ADVANTAGES
- Interchangeable with bushing or tamping tool

Order Now

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

Narrow-flat chisel TE-H17 FM NEW



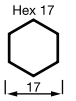


Order Now

Ordering designation	Length	Width	Sales pack quantity	Item number
TE-H17 FM 28	280 mm	17 mm	1 pc	**2191445**

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

Pointed chisel TE-H17 SM NEW





Order Now

Ordering designation	Length	Sales pack quantity	Item number
TE-H17 SM 28 MP4	280 mm	4 pc	**2191443**
TE-H17 SM 28 MP10	280 mm	10 pc	**2191444**

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

Bushing tool head TP-SKHM



APPLICATIONS

- Roughening smooth surfaces

Technical data	
Tool type	TE 500-X, TE 800-AVR, TE 1000-AVR

ADVANTAGES

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

Order Now

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

Tamping plate TP-STP



APPLICATIONS

- Compacting ground and tamping asphalt

Technical data	
Tool type	TE 500-X, TE 800-AVR, TE 1000-AVR

ADVANTAGES

- Tamping plate for easy handling in tamping work

Order Now

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

[1)] For detailed stock availability and lead time information please contact your Hilti representative.

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

Bushing tool head TP-SKHM NEW



Order Now

Ordering designation	Length	Width	Sales pack quantity	Item number
TP-SKHM	-	-	1 pc	**2207028**

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

Chisels for TE-S (Spline) connection end

Pointed wave chisel TE-SPX SM



APPLICATIONS

- Heavy-duty breaking and demolition

Technical data	
Tool type	TE 800-AVR, TE 1000-AVR, TE 2000-AVR

ADVANTAGES

- Constant high performance over the entire life of the self-sharpening polygon chisel – no resharpening, reforging or rehardening necessary

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Ordering designation	Length	Sales pack quantity	Item number
TE-SPX SM 36	360 mm	1 pc	**2168870**
TE-SPX SM 36 MP4	360 mm	4 pc	**2168887**
TE-SPX SM 50	500 mm	1 pc	**2168872**
TE-SPX SM 70	700 mm	1 pc	**2168873**

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

Narrow-flat wave chisel TE-SPX FM



APPLICATIONS

- Controlled heavy demolition and breaking to create channels or openings

Technical data	
Tool type	TE 800-AVR, TE 1000-AVR, TE 2000-AVR

ADVANTAGES

- IConstant high performance over the entire life of the self-sharpening polygon blade – no resharpening, reforging or rehardening necessary

Order Now Watch Video

Ordering designation	Length	Sales pack quantity	Item number
TE-SPX FM 36	360 mm	1 pc	**2168874**
TE-SPX FM 50	500 mm	1 pc	**2168876**
TE-SPX FM 70	700 mm	1 pc	**2168877**

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

Wide-flat chisel TE-SPX SPM



APPLICATIONS

- Surface work such as chipping, finishing, smoothing or removing tiles

Technical data	
Tool type	TE 800-AVR, TE 1000-AVR, TE 2000-AVR

ADVANTAGES

- Constantly high performance over the entire life of the self-sharpening polygon blade – no resharpening, reforging or rehardening necessary

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Ordering designation	Length	Width	Sales pack quantity	Item number
TE-SPX SPM 5/36	360 mm	50 mm	1 pc	**2168878**
TE-SPX SPM 8/36	360 mm	80 mm	1 pc	**2168879**
TE-SPX SPM 12/36	360 mm	120 mm	1 pc	**2168880**
TE-SPX SPM 5/50	500 mm	50 mm	1 pc	**2168884**
TE-SPX SPM 8/50	500 mm	80 mm	1 pc	**2168885**
TE-SPX SPM 12/50	500 mm	120 mm	1 pc	**2168886**

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

Universal tool shank TE-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

Order Now

Ordering designation	Length	Sales pack quantity	Item number
TE-S SS 220	220mm	1 pc	**263023**
TE-SP SM 50	450mm	1 pc	**406786**

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

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

Order Now

Ordering designation	Length	Sales pack quantity	Item number
TE-SW AM30	300mm	1 pc	**2104282**

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

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

Order Now

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

[1)] For detailed stock availability and lead time information please contact your Hilti representative.

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

Chisels for TE-H (Hex 28) connection end

Pointed wave chisel TE-H28P SM





APPLICATIONS
- Heavy demolition in concrete

Technical data	
Tool type	TE 3000-AVR

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

Order Now

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

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

Narrow-flat chisel TE-H28P FM





APPLICATIONS
- Controlled concrete demolition

Technical data	
Tool type	TE 3000-AVR

ADVANTAGES
- Unmatched working length

Order Now

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

[1] For detailed stock availability and lead time information please contact your Hilti representative.

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

Wide-flat chisel TE-H28P SPM





APPLICATIONS
- Controlled concrete breaking

Technical data	
Tool type	TE 3000-AVR

ADVANTAGES
- Unmatched working length

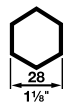
Order Now

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

[1] For detailed stock availability and lead time information please contact your Hilti representative.

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

Tamping plate TE-H28 STP





APPLICATIONS

- Compacting loose ground and tamping asphalt

Technical data	
Tool type	TE 3000-AVR

ADVANTAGES

- Easy to handle in various kinds of tamping work

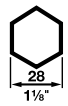
Order Now

Ordering designation	Sales pack quantity	Item number
TE-H28P STP 150x150	1 pc	**47781**[1)]
TE-H28P STP 200x200	1 pc	**47782**[1)]

[1)] For detailed stock availability and lead time information please contact your Hilti representative.

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

Universal shank TE-H28 SS





APPLICATIONS

- For use with Hilti TE-H28 STP tamping plates

Technical data	
Tool type	TE 3000-AVR

ADVANTAGES

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

Order Now

Ordering designation	Sales pack quantity	Item number
TE-H28P SS 40	1 pc	**47779**[1)]

[1)] For detailed stock availability and lead time information please contact your Hilti representative.

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

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	180mm	1 pc	282298
TE-CP SM 25	280mm	1 pc	282299

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

Narrow-flat chisel TE-CP F M

SDS plus



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	180mm	15mm	1 pc	282300
TE-CP FM 25	250mm	15mm	1 pc	282301

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

Wide-flat chisel TE-CP SPM

SDS plus



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	180mm	60mm	1 pc	282302
TE-CP SPM 6/25	250mm	60mm	1 pc	282303

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

Wide-flat chisel TE-CP SPME

SDS plus



APPLICATIONS
- Smoothing

ADVANTAGES
- Ground on one side

Technical data	
Tool type	All rotary hammer with SDS Plus connection end

Order Now

Ordering designation	Length	Width	Sales pack quantity	Item number
TE-CP SPME 4/18	180mm	40mm	1 pc	**282304**[1)]
TE-CP SPME 6/18	180mm	60mm	1 pc	**282305**[1)]

[1)] For detailed stock availability and lead time information please contact your Hilti representative.

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

Wide-flat chisel/scraper TE-CP SPMK

SDS plus



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 6/18	180mm	60mm	1 pc	**282308**[1)]

[1)] For detailed stock availability and lead time information please contact your Hilti representative.

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

Chisels for TE-Y (SDS Max) connection end

Pointed chisel TE-YP SM NEW

SDS max



APPLICATIONS
- Breaking

ADVANTAGES
- Innovative Hilti Polygon design with self-sharpening tip profile

Technical data	
Tool type	All combihammer with SDS Max connection end

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product design award 2007

reddot design award winner 2007

Ordering designation	Length	Sales pack quantity	Item number
TE-YP SM 28	880mm	1 pc	**2241982**
TE-YP SM 36	360mm	1 pc	**2241983**
TE-YP SM 36 MP4	360mm	4 pc	**2241986**
TE-YP SM 50	500mm	1 pc	**2241984**
TE-YP SM 70	700mm	1 pc	**2241985**

[1] For detailed stock availability and lead time information please contact your Hilti representative.

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

Narrow-flat chisel TE-YP-FM NEW

SDS max



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	280mm	26mm	1 pc	**282267**[1]
TE-YP FM 36	360mm	26mm	1 pc	**282268**
TE-YP FM 50	500mm	26mm	1 pc	**282269**
TE-YP FM 70	700mm	26mm	1 pc	**282270**[1]

[1] For detailed stock availability and lead time information please contact your Hilti representative.

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

Wide-flat chisel TE-YP SPM NEW

SDS max



APPLICATIONS

- Chipping

ADVANTAGES

- Innovative Hilti Polygon design with self-sharpening blade

Technical data	
Tool type	All combihammer with SDS Max connection end

Order Now

Ordering designation	Length	Width	Sales pack quantity	Item number
TE-YX SC 28/5	280mm	50mm	1 pc	**2207029**
TE-YX SC 36/5	360mm	50mm	1 pc	**2207190**
TE-YX SC 28/8	280mm	80mm	1 pc	**2207191**
TE-YX SC 36/12	360mm	120mm	1 pc	**2207192**
TE-YX SC 50/12	500mm	120mm	1 pc	**2207193**

[1] For detailed stock availability and lead time information please contact your Hilti representative.

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

CUTTING, SAWING AND GRINDING





Angle Grinders

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HILTI CUTTING, GRINDING AND SAWING TOOLS

Outperforming makes every task easier

Applications	Systems	
	**AG 100-D/AG 100-S angle grinder** 850 / 700W (AG) motor on a 4” grinder to make all the cutting and grinding tasks easier than before	
	**AG 125-13S angle grinder** Powerful 1300W motor for easy cutting and grinding with robust design for longer tool lifetime.	
	**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.	
	**AG 180-20D angle grinder** High power 2000W motor on a 7” grinder for cutting and grinder more efficiently.	
	**WSR 900-PE orbital reciprocating saw** 900W motor with constant speed electronics to assure consistent cutting performance even under heavy load.	
	**WSJ 750-ET orbital jig saw** The robust work horse with 750W motor for fast cutting even under tough conditions.	
	**WSJ 850-ET orbital jig saw** 850W motor for more power and working comfort for cleanand accurate cutting.	

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

DRS
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” SPX MP25	**3553415**
AG 100-7S 110V		**3553416**

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

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

DRS
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



Order Now

Package contents

Tools	Inserts	Item Number
AG 100-8D 230V X 1	CUTTING DISC AC-D 4” SPX MP25	**3566951**
AG 100-7D 110V X 1	CUTTING DISC AC-D 4” SPX MP25	**3566952**

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

5” Angle grinder AG 125-13S 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

ADVANTAGES

- Hilti Smart Power™ technology for consistently high cutting performance
- Hilti Active Torque Control technology minimizes undesirable kickback
- Minimised dust during cutting, slitting and grinding when dust protection hoods are used
- Very powerful and robust motor
- Time-saving cutting and slitting (chasing) in widths up to 25mm, using two discs (with DC-EX 125/5”M)

Technical data	
Disc diameter	125 mm
No-load speed	11500 rpm
Dimensions (LxWxH)	314 x 81 x 104 mm
Weight according to EPTA Procedure 01/2003	2.5 kg



Fleet Management

ATC SmartPower

DRS

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

Order Now

Package contents

	Inserts	Item number
AG 125-13S 230V	Cutting Disc AG-D 5” SPX 1.0 MP25	**3600965**
AG 125-13S 110V		**3600964**

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

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

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

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



Fleet Management

ATC SmartPower

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)

Order Now

Ordering designation	Package contents	Item number
AG 125-15DB 230V	Cutting Disc AC-D 5” SPX 1.0 MP25	**3599062**
AG 125-15DB 110V		**3599061**

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

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



No costs for maximum twice replacement within the first year

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



Order Now

Package contents

Tools	Inserts	Item Number
AG 180-20D 230V	Cutting Disc AC-D 7” SPX 1.0 MP25	**3553417**

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

Accessories for Angle Grinder

Ordering designation		AG 100-S	AG 100-D	AG 125-13S	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 Use together with Dust extr. hood (slitting) DC-EX 125/5”M to separate two cutting discs for concrete and mineral slitting				■		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	**435770**
Fine pitch thread Nut M14					■	1 pc	**2138623**
Fine pitch thread Nut M10		■	■			1 pc	**2079852**[1)]
Nut M14				■	■	1 pc	**2009990**[1)]
Nut 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)] For detailed stock availability and 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 SP 125x1.0	125 mm	1 mm	22.23 mm	Shape 41	12300 rpm	25 pc	**2150704**
AC-D SPX 105x1.0	105 mm	1 mm	22.23 mm	Shape 41	12300 rpm	50 pc	**2253920**
AC-D SPX 105x1.0	105 mm	1 mm	22.23 mm	Shape 41	12300 rpm	25 pc	**2251539**
AC-D SPX 125x1.0	125 mm	1 mm	22.23 mm	Shape 41	12300 rpm	25 pc	**2150705**
AC-D SPX 150x1.2	150 mm	1.2 mm	22.23 mm	Shape 41	10200 rpm	25 pc	**2150730**
AC-D SPX 180x1.5	180 mm	1.5 mm	22.23 mm	Shape 41	8500 rpm	25 pc	**2150733**

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

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**
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

Order Now

Ordering designation	Disc diameter	Blade thickness	Arbour	Blade / disc shape	Max. permitted speed	Sales pack quantity	Item number
AG-D SP 125x6.4	125 mm	6.4 mm	22.23 mm	Shape 27	12250 rpm	10 pc	**2150740**
AG-D SP 150x6.4	150 mm	6.4 mm	22.23 mm	Shape 27	10200 rpm	10 pc	**2150742**

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

Order Now

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

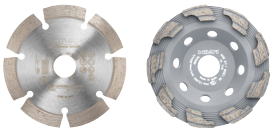
- Cutting drywall studs with chop saws

Order Now

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 / grinding disc – Performance Line



Order Now Watch Video

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**
Diamond Cup 100/4" P(2) univ.	100 mm	12 mm	5	Concrete	2 pc	**2164630**
Diamond Cup 125/5" P(2) univ.	125 mm	12 mm	9	Concrete	2 pc	**2163739**

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

Diamond cutting / grinding disc – Super Performance Line



Order Now

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**
Diamond Cup 125/5" SPX univ.	125 mm	12 mm	7	Concrete	1	**2163565**

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

Jig saw blade for wood



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
Jig saw blade WD 93 2.5 HCS (5)	-	93 mm	2.5 mm	-	-	5 pc	**2154916**
Jig saw blade WD 77 P HCS (5)	-	77 mm	Progressive	-	-	5 pc	**2114715**

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

Jig saw blade for metal



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
Jig saw blade SP 77 (5) Wood Curve	-	77 mm	-	-	-	5	**2332308**
Jig saw blade SP 93 (5) Wood Precision	-	93 mm	-	-	-	5	**2332287**
Jig saw blade SPX 105 (5) Universal	-	105 mm	-	-	-	5	**2332310**

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

Jig saw blade for multiple materials



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
Jig saw blade UD 105 P HM (5)	-	105 mm	Progressive	-	-	5 pc	**2185149**

[1] For detailed stock availability and lead time information please contact your Hilti representative.

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

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

Fleet Management

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-UL 230V	1x Univ. vacuum cleaner VC 20-UL 230V	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

Fleet Management

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-UL 230V	1x Univ. vacuum cleaner VC 40-UL 230V	1 pc	**2114605**
VC 40-UM	1x Univ. vacuum cleaner VC 40-UM	1 pc	**2114611**

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

Fleet Management

reddot design award winner 2013

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



Order Now

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

Universal Vacuum Cleaner VC 40L-X





APPLICATIONS

- Dust extraction from grinding, cutting, slitting, drilling and dry coring tools
- Wet and dry cleaning
- Removing slurry during wet coring applications

ADVANTAGES

- Sturdy universal vacuum cleaner built for construction work – integrated push-bar for mobility over longer distances and extra-durable components to withstand the harshest jobsite conditions
- Extremely durable Solight-ecco® tires – help to withstand water, heat and punctures when in use on construction sites
- Hilti AirBoost automatic, adaptive filter cleaner – cleans the air filter as soon as necessary, keeping dust extraction performance consistently high
- Performance display – live feedback on the vacuum cleaner's filter status and suction strength
- Optional auto-start available – enables on/off via Bluetooth® remote control

Technical data	
Air Flow Motor Alone	74 l/s
Air Flow at Hose End	39 l/s
Max. Vacuum	24.5 kPa
Water capacity	22.8 l
Container capacity	30 l
Dust capacity	34 kg
Dust class	L
Integrated power socket	Yes
Max socket output power	2400 W
Power source	Corded
Noise	69 dB (A)
Rated input power	1200 W
Rated input voltage	230 V
Supply cord length	7000 mm
Dimensions (LxWxH)	560 x 365 x 590 mm
Weight according to EPTA Procedure 01/2003	14.4 kg



Ordering designation	Package contents	Sales pack quantity	Item number
VC 40L-X 230V	1x Filter VC 20-/40-X univ, 1x Dust bag VC 40-X (10) plastic, 1x Dust bag VC 40-X (10) fleece, 1x Filter VC 20-/40-X dry	1 pc	**2220075**

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

Universal Vacuum Cleaner VC 40M-X





APPLICATIONS

- Dust extraction from grinding, cutting, slitting, drilling and dry coring tools
- Wet and dry cleaning
- Removing slurry during wet coring applications

ADVANTAGES

- Sturdy universal vacuum cleaner built for construction work – integrated push-bar for mobility over longer distances and extra-durable components to withstand the harshest jobsite conditions
- Extremely durable Solight-ecco® tires – help to withstand water, heat and punctures when in use on construction sites
- Hilti AirBoost automatic, adaptive filter cleaner – cleans the air filter as soon as necessary, keeping dust extraction performance consistently high
- Performance display – live feedback on the vacuum cleaner's filter status and suction strength
- Optional auto-start available – enables on/off via Bluetooth® remote control

Technical data	
Air Flow Motor Alone	71 l/s
Air Flow at Hose End	38 l/s
Max. Vacuum	22.3 kPa
Water capacity	22.8 l
Container capacity	30 l
Dust capacity	34 kg
Dust class	M
Integrated power socket	Yes
Max socket output power	650 W
Power source	Corded
Noise	69 dB (A)
Rated input power	1100 W
Rated input voltage	110 V
Supply cord length	7000 mm
Dimensions (LxWxH)	560 x 365 x 590 mm
Weight according to EPTA Procedure 01/2003	14.4 kg



Ordering designation	Package contents	Sales pack quantity	Item number
VC 40M-X 110V (16A)	1x Filter VC 20-/40-X univ, 1x Dust bag VC 40-X (10) plastic, 1x Dust bag VC 40-X (10) fleece, 1x Filter VC 20-/40-X dry	1 pc	**2220075**

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

Cordless Vacuum Cleaner VC 5-A22 NEW





APPLICATIONS

- Cleaning
- Dust extraction during drilling

ADVANTAGES

- Compact size and light weight for easy carrying. Shoulder strap to carry tool close to the body while keeping both hands free
- Two power modes – eco and full
- A floor tool and a crevice nozzle are stored on-board
- Hose expands up to 2.5 m to reach into tight corners
- Manual filter cleaning to keep the filter clear and suction high

Technical data	
Container capacity	3.5 L
Dust class	L
Suction capacity	35 L/S
Rated input power	330 W
Dust capacity	3 kg
Dimensions (LxWxH)	380 x 222.5 x 284 mm



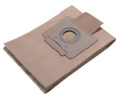
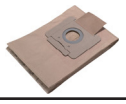
Order Now

Ordering designation	Package contents	Sales pack quantity	Item number
VC 5-A22	1x Vacuum cleaner VC 5-A22 Assy	1 pc	**2187660**
VC 5-A22 Kit 110V	1x Vacuum cleaner VC 5-A22 Assy, 2xBattery pack B 22/5.2 Li-ion, 1x Quick charger 110V	1 pc	**3630507**
VC 5-A22 Kit 230V	1x Vacuum cleaner VC 5-A22 Assy, 2xBattery pack B 22/5.2 Li-ion, 1x Quick charger 230V	1 pc	**3630506**

Ordering designation		Sales pack quantity	Item number
Dry filter VC 5		1 pc	**2192229**
Dust bag VC 5		5 pc	**2192260**
Floor nozzle VC 5		1 pc	**2206016**
Blower VC 5		1 pc	**2214622**

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

Accessories for Vacuum Cleaners

Ordering designation		VC 20-U(M)	VC 40-U(M)	VC 40-U(M)-Y	Sales pack quantity	Item number
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)] For detailed stock availability and lead time information please contact your Hilti representative.

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

DIAMOND CORING AND SAWING





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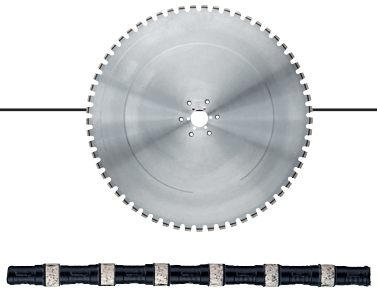

Diamond Sawing Inserts

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CORING SYSTEMS





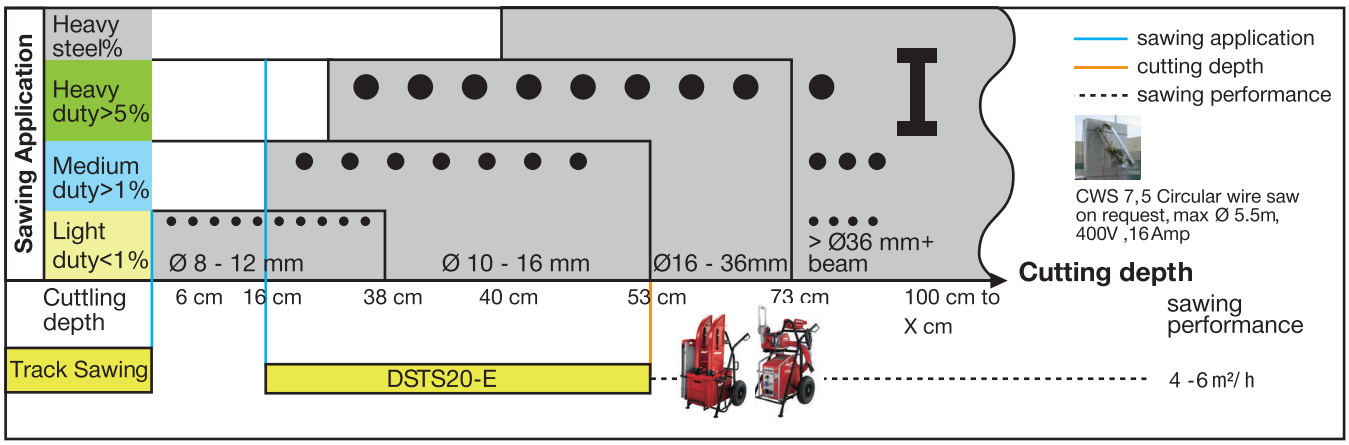


Model		DD 30-W	DD 120	DD 160
Technical data ■ Diameter Range	(max) (optimum)	8 - 35 mm — 8 - 20 mm	16 - 162 mm — 22 - 82 mm	25 - 202 mm — 25 - 162 mm
■ Input Voltage		110V / 230V	110V / 230V	110V / 230V
■ Nominal Power		1350W / 1450W	1600W	2200W
■ Speed (no load)	1st Gear 2nd Gear 3rd Gear 10th Gear	9200 r.p.m. — — —	650 r.p.m. 1380 r.p.m. — —	420 r.p.m. 700 r.p.m. 1570 r.p.m. —
■ Torque (with load)	1st Gear 2nd Gear 3rd Gear 10th Gear	13 Nm — — —	18.7 Nm / 19.9 Nm 8.8 Nm / 9.4 Nm — —	— — — —
■ 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	SPX-L	SPX-L
Features		■ Low noise ■ Little vibration ■ Independent from external water supplies ■ Top Spin for speed and effciency	■ Very user-friendly ■ Compact & lightweight unit ■ Easy to transport and set up ■ Rugged 2-speed Gearing ■ Service indicator	■ 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
	SPX-L	SPX-L	SPX-L
	■ Three speeds ■ Simple Control panel ■ Overload and thermal protector ■ Vacuum and anchor-secured baseplate	■ Power high frequency motor ■ 10 electronic speeds ■ User-friendly power controls ■ IP55 design provides protection from water splashes	■ Power high frequency motor ■ 10 electronic speeds ■ User-friendly power controls ■ IP55 design provides protection from water splashes

Wet or dry operation: Wet

KEY DATA OF WALL SAW

Sawing System	Power supply, 400 Volt (Ampeer)	Motor power (kW)	Max. cut.-depth (cm)	Sawingperfrm. (m2/h*)	*On medium concrete, rebar< 1%, CLASS
DST 10-CA	16	9	38	2 to 4	light / med.
DST 20-CA	32	18	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

Accessories for Diamond Drilling Tools DD 30-W

Ordering designation	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)] For detailed stock availability and lead time information please contact your Hilti representative.

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

Ultimate 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

Order Now

Ordering designation	Diameter	Working length	Sales pack quantity	Item number
C+ 8/150 SPX-T abras.	8 mm	150 mm	1 pc	**2139004**[1)]
C+ 10/150 SPX-T abras.	10 mm	150 mm	1 pc	**2139005**
C+ 12/150 SPX-T abras.	12 mm	150 mm	1 pc	**2139006**
C+ 14/150 SPX-T abras.	14 mm	150 mm	1 pc	**2076461**
C+ 15/150 SPX-T abras.	15 mm	150 mm	1 pc	**2076463**
C+ 16/300 SPX-T abras.	16 mm	300 mm	1 pc	**2076467**
C+ 18/300 SPX-T abras.	18 mm	300 mm	1 pc	**2076469**
C+ 20/300 SPX-T abras.	20 mm	300 mm	1 pc	**2076471**
C+ 22/300 SPX-T abras.	22 mm	300 mm	1 pc	**2076472**
C+ 24/300 SPX-T abras.	24 mm	300 mm	1 pc	**2076473**
C+ 25/300 SPX-T abras.	25 mm	300 mm	1 pc	**2076474**
C+ 28/300 SPX-T abras.	28 mm	300 mm	1 pc	**2076476**
C+ 30/300 SPX-T abras.	30 mm	300 mm	1 pc	**2076478**
C+ 32/300 SPX-T abras.	32 mm	300 mm	1 pc	**2076479**
C+ 35/300 SPX-T abras.	35 mm	300 mm	1 pc	**2076482**
C+ 20/600 SPX-T abras.	20 mm	600 mm	1 pc	**2076483**[1)]
C+ 22/600 SPX-T abras.	22 mm	600 mm	1 pc	**2076484**[1)]
C+ 24/600 SPX-T abras.	24 mm	600 mm	1 pc	**2076485**[1)]
C+ 25/600 SPX-T abras.	25 mm	600 mm	1 pc	**2076486**[1)]
C+ 28/600 SPX-T abras.	28 mm	600 mm	1 pc	**2076487**[1)]
C+ 30/600 SPX-T abras.	30 mm	600 mm	1 pc	**2076488**[1)]
C+ 32/600 SPX-T abras.	32 mm	600 mm	1 pc	**2076489**[1)]
C+ 35/600 SPX-T abras.	35 mm	600 mm	1 pc	**2076490**[1)]

[1)] For detailed stock availability and 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	SPX-L



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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	**2216319**
DD 120 230V	1x Diamond coring tool DD 120 230V, 1x Chuck BI+	1 pc	**2216315**
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	**3611502**
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	**3611500**

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Accessories

Ordering designation	Sales pack quantity	Item number
BI+ connection end DD-B SPX-L core bit with BI+ connection end 	1 pc	**236120**
Drilling stand DD-ST 120 STL 	1 pc	**2203154**[1)]
Drilling stand DD-ST 120 STM 	1 pc	**2203158**[1)]
Drilling stand DD-ST 120 SFL 	1 pc	**2203159**
Spacer DD M12s 	1 pc	**409269**[1)]

[1)] For detailed stock availability and lead time information please contact your Hilti representative.

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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 ventillation 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

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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	SPX-L



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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	**3611584**
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	**3611583**

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Accessories

Ordering designation	Sales pack quantity	Item number
BI+ connection end DD-B SPX-L core bit with BI+ connection end 	1 pc	**236120**
Drilling stand DD-ST 160 CTL (with vacuum fixing) 	1 pc	**2203156**
Drilling stand DD-ST 160 SFL 	1 pc	**2203157**
Headwheel DD-HW-3A 	1 pc	**2007687**[1)]
Accessory kit DD M16 	1 pc	**409303**[1)]
Vacuum pump DD VP-U 230V 	1 pc	**408458**
Vacuum pump DD VP-U 110V	1 pc	**408996**

[1)] For detailed stock availability and lead time information please contact your Hilti representative.

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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	SPX-L/H



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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**

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Accessories

Ordering designation		Sales pack quantity	Item number
BL connection end SPX-L 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**
Spacer DD-ST 200 SP		1 pc	**2121100**[1)]

[1)] For detailed stock availability and lead time information please contact your Hilti representative.

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	SPX-L/H



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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	**2087381**[1)]
DD 350-CA BL 110V	1x Diamond coring tool DD 350-CA 110V, 1x Chuck DD-C-BL	1 pc	**2095234**[1)]
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	**3611585**
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	**3600644**

[1)] For detailed stock availability and lead time information please contact your Hilti representative.

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Accessories

Ordering designation		Sales pack quantity	Item number
BL connection end SPX-L core bit with BL connection end		1 pc	**305542**
Drilling stand DD-HD 30		1 pc	**2148548**
Vacuum base plate DD HD 30-VBP		1 pc	**365538**[1)]
Vacuum pump DD VP-U 230V		1 pc	**408458**
Vacuum pump DD VP-U 110V		1 pc	**408996**
Accessory DD M16		1 pc	**409303**[1)]
Guide Rail Extension DD-HD30-XT		1 pc	**305537**[1)]
Spacer DD-HD 30-SP		1 pc	**305539**
Autofeed unit DD AF-CA 110V		1 pc	**2095126**

[1)] For detailed stock availability and lead time information please contact your Hilti representative.

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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	SPX-L/H



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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	**3611586**

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Accessories

Ordering designation		Sales pack quantity	Item number
BL connection end SPX-L core bit with BL connection end		1 pc	**305542**
Drilling stand DD-HD 30		1 pc	**2148548**
Vacuum base plate DD HD 30-VBP		1 pc	**365538**[1)]
Vacuum pump DD VP-U 230V		1 pc	**408458**
Vacuum pump DD VP-U 110V		1 pc	**408996**
Accessory KIT DD M16		1 pc	**409303**[1)]
Guide Rail Extension DD-HD30-XT		1 pc	**305537**[1)]
Spacer DD-HD 30-SP		1 pc	**305539**
Autofeed unit DD AF-CA 110V		1 pc	**2095126**

[1)] For detailed stock availability and lead time information please contact your Hilti representative.

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Diamond core bit DD-BI SPX-L Abrasive



BI series



B series

APPLICATIONS

- Rig-based wet coring in very abrasive concrete

ADVANTAGES

- Hilti Equidist technology (35 mm diameter and above) – precisely positioned diamonds for unmatched drilling performance and constant drilling speeds over the entire life of the core bit

Technical data	
Base materials	Concrete (very abrasive)
Drilling mode	Rig-mounted
Wet or dry operation	Wet

Ordering designation	Diameter	Working length	DD 120	DD 160	DD 200	DD 350-CA	DD 500-CA	Sales pack quantity	Item number
BI 12/320 SPX-L abras.	12 mm	320 mm	■	■				1 pc	**2171859**
BI 14/320 SPX-L abras.	14 mm	320 mm	■	■				1 pc	**2172040**
BI 16/320 SPX-L abras.	16 mm	320 mm	■	■				1 pc	**2172041**
BI 18/320 SPX-L abras.	18 mm	320 mm	■	■				1 pc	**2172042**
BI 20/320 SPX-L abras.	20 mm	320 mm	■	■				1 pc	**2172043**
BI 22/320 SPX-L abras.	22 mm	320 mm	■	■				1 pc	**2172044**
BI 24/320 SPX-L abras.	24 mm	320 mm	■	■				1 pc	**2172045**
BI 25/320 SPX-L abras.	25 mm	320 mm	■	■				1 pc	**2159409**
BI 28/320 SPX-L abras.	28 mm	320 mm	■	■				1 pc	**2159412**
BI 30/320 SPX-L abras.	30 mm	320 mm	■	■				1 pc	**2159417**
BI 32/320 SPX-L abras.	32 mm	320 mm	■	■				1 pc	**2159421**
BI 35/430 SPX-L abras.*	35 mm	430 mm	■	■				1 pc	**2159423**
BI 37/430 SPX-L abras.*	37 mm	430 mm	■	■				1 pc	**2159426**
BI 40/430 SPX-L abras.*	40 mm	430 mm	■	■				1 pc	**2159429**
BI 42/430 SPX-L abras.*	42 mm	430 mm	■	■				1 pc	**2159562**
BI 47/430 SPX-L abras.*	47 mm	430 mm	■	■				1 pc	**3611603**

*This item has to be used with BI or BK connection end.

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Abrasive X-change Module SPX-L Abras.



APPLICATIONS

- Wet or dry diamond coring

ADVANTAGES

- The unique Hilti X-Change module system (52 mm to 202 mm) enables fast and easy onsite retipping using just a flat-tip

Technical data	
Type	X-Change Module
Wet or dry operation	Wet and dry
Connection end	No connection end

Ordering designation	Diameter	Working length	DD 120	DD 160	DD 200	DD 350-CA	DD 500-CA	Sales pack quantity	Item number
52 X-change module SPX-L abras.	52 mm	N/A	■	■				1 pc	**2159083**
57 X-change module SPX-L abras.	57 mm	N/A	■	■				1 pc	**2159084**
62 X-change module SPX-L abras.	62 mm	N/A	■	■				1 pc	**2159085**[1)]
67 X-change module SPX-L abras.	67 mm	N/A	■	■				1 pc	**2159086**
72 X-change module SPX-L abras.	72 mm	N/A	■	■				1 pc	**2159087**
77 X-change module SPX-L abras.	77 mm	N/A	■	■				1 pc	**2159088**
82 X-change module SPX-L abras.	82 mm	N/A	■	■				1 pc	**2159089**
87 X-change module SPX-L abras.	87 mm	N/A	■	■				1 pc	**2159200**[1)]
92 X-change module SPX-L abras.	92 mm	N/A	■	■				1 pc	**2159201**
102 X-change module SPX-L abras.	102 mm	N/A	■	■				1 pc	**2159202**
107 X-change module SPX-L abras.	107 mm	N/A	■	■				1 pc	**2159203**
112 X-change module SPX-L abras.	112 mm	N/A	■	■				1 pc	**2159204**[1)]
122 X-change module SPX-L abras.	122 mm	N/A	■	■				1 pc	**2159205**
132 X-change module SPX-L abras.	132 mm	N/A	■	■				1 pc	**2159206**[1)]
142 X-change module SPX-L abras.	142 mm	N/A	■	■				1 pc	**2159207**[1)]
152 X-change module SPX-L abras.	152 mm	N/A	■	■				1 pc	**2159208**
162 X-change module SPX-L abras.	162 mm	N/A		■				1 pc	**2159209**[1)]
182 X-change module SPX-L abras.	182 mm	N/A		■				1 pc	**2159210**[1)]
202 X-change module SPX-L abras.	202 mm	N/A		■				1 pc	**2159211**

[1)] For detailed stock availability and lead time information please contact your Hilti representative.

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

Abrasive X-change Module SPX-H Abras.



APPLICATIONS

- Wet or dry diamond coring

ADVANTAGES

- The unique Hilti X-Change module system (52 mm to 202 mm) enables fast and easy onsite retipping using just a flat-tip

Technical data	
Type	X-Change Module
Wet or dry operation	Wet and dry
Connection end	No connection end

Ordering designation	Diameter	Working length	DD 120	DD 160	DD 200	DD 350-CA	DD 500-CA	Sales pack quantity	Item number
52 X-change module SPX-H Abras.	52 mm	N/A			■	■	■	1 pc	**2113027**
57 X-change module SPX-H Abras.	57 mm	N/A			■	■	■	1 pc	**2113028**[1)]
62 X-change module SPX-H Abras.	62 mm	N/A			■	■	■	1 pc	**2113029**[1)]
67 X-change module SPX-H Abras.	67 mm	N/A			■	■	■	1 pc	**2113280**[1)]
72 X-change module SPX-H Abras.	72 mm	N/A			■	■	■	1 pc	**2113281**[1)]
77 X-change module SPX-H Abras.	77 mm	N/A			■	■	■	1 pc	**2113282**
82 X-change module SPX-H Abras.	82 mm	N/A			■	■	■	1 pc	**2113283**[1)]
87 X-change module SPX-H Abras.	87 mm	N/A			■	■	■	1 pc	**2113284**[1)]
92 X-change module SPX-H Abras.	92 mm	N/A			■	■	■	1 pc	**2113285**[1)]
102 X-change module SPX-H Abras.	102 mm	N/A			■	■	■	1 pc	**2113286**
107 X-change module SPX-H Abras.	107 mm	N/A			■	■	■	1 pc	**2113287**[1)]
112 X-change module SPX-H Abras.	112 mm	N/A			■	■	■	1 pc	**2113288**[1)]
122 X-change module SPX-H Abras.	122 mm	N/A			■	■	■	1 pc	**2113289**[1)]
132 X-change module SPX-H Abras.	132 mm	N/A			■	■	■	1 pc	**2113290**[1)]
142 X-change module SPX-H Abras.	142 mm	N/A			■	■	■	1 pc	**2113291**[1)]
152 X-change module SPX-H Abras.	152 mm	N/A			■	■	■	1 pc	**2113292**
162 X-change module SPX-H Abras.	162 mm	N/A			■	■	■	1 pc	**2113293**[1)]
182 X-change module SPX-H Abras.	182 mm	N/A			■	■	■	1 pc	**2113294**[1)]
202 X-change module SPX-H Abras.	202 mm	N/A			■	■	■	1 pc	**2113295**

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X-Change barrel DD B



Ordering designation	Diameter	Working length	DD 120	DD 160	DD 200	DD 350-CA	DD 500-CA	Sales pack quantity	Item number
B 52/430-X	52 mm	430 mm	■	■	■	■	■	1 pc	**2139594**
B 57/430-X	57 mm	430 mm	■	■	■	■	■	1 pc	**2139595**
B 62/430-X	62 mm	430 mm	■	■	■	■	■	1 pc	**2139596**[1)]
B 67/430-X	67 mm	430 mm	■	■	■	■	■	1 pc	**2139597**
B 72/430-X	72 mm	430 mm	■	■	■	■	■	1 pc	**2139598**
B 77/430-X	77 mm	430 mm	■	■	■	■	■	1 pc	**2139599**
B 82/430-X	82 mm	430 mm	■	■	■	■	■	1 pc	**2139630**
B 87/430-X	87 mm	430 mm	■	■	■	■	■	1 pc	**2139631**[1)]
B 92/430-X	92 mm	430 mm	■	■	■	■	■	1 pc	**2139632**
B 102/430-X	102 mm	430 mm	■	■	■	■	■	1 pc	**2139633**
B 107/430-X	107 mm	430 mm	■	■	■	■	■	1 pc	**2139634**[1)]
B 112/430-X	112 mm	430 mm	■	■	■	■	■	1 pc	**2139635**[1)]
B 122/430-X	122 mm	430 mm	■	■	■	■	■	1 pc	**2139636**
B 132/430-X	132 mm	430 mm	■	■	■	■	■	1 pc	**2139637**[1)]
B 142/430-X	142 mm	430 mm	■	■	■	■	■	1 pc	**2139638**[1)]
B 152/430-X	152 mm	430 mm	■	■	■	■	■	1 pc	**2139639**
B 162/430-X	162 mm	430 mm		■	■	■	■	1 pc	**2139640**[1)]
B 172/430-X	172 mm	430 mm		■	■	■	■	1 pc	**2139641**[1)]
B 182/430-X	182 mm	430 mm		■	■	■	■	1 pc	**2139642**[1)]
B 202/430-X	202 mm	430 mm		■	■	■	■	1 pc	**2139643**

[1)] For detailed stock availability and lead time information please contact your Hilti representative.

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SPX-L Combo (3X-change module plus 1 barrel)





Ordering designation	Diameter	Working length	DD 120	DD 160	DD 200	DD 350-CA	DD 500-CA	Sales pack quantity	Item number
52MM CORE BIT SET (3X-CM + 1BARREL)	52 mm	430 mm	■	■				1 pc	**3611587**
57MM CORE BIT SET (3X-CM + 1BARREL)	57 mm	430 mm	■	■				1 pc	**3611588**
62MM CORE BIT SET (3X-CM + 1BARREL)	62 mm	430 mm	■	■				1 pc	**3611589**[1)]
67MM CORE BIT SET (3X-CM + 1BARREL)	67 mm	430 mm	■	■				1 pc	**3611590**
72MM CORE BIT SET (3X-CM + 1BARREL)	72 mm	430 mm	■	■				1 pc	**3611591**
77MM CORE BIT SET (3X-CM + 1BARREL)	77 mm	430 mm	■	■				1 pc	**3611592**
82MM CORE BIT SET (3X-CM + 1BARREL)	82 mm	430 mm	■	■				1 pc	**3611593**
87MM CORE BIT SET (3X-CM + 1BARREL)	87 mm	430 mm	■	■				1 pc	**3611594**[1)]
92MM CORE BIT SET (3X-CM + 1BARREL)	92 mm	430 mm	■	■				1 pc	**3611595**
102MM CORE BIT SET (3X-CM + 1BARREL)	102 mm	430 mm	■	■				1 pc	**3611596**
107MM CORE BIT SET (3X-CM + 1BARREL)	107 mm	430 mm	■	■				1 pc	**3611597**[1)]
112MM CORE BIT SET (3X-CM + 1BARREL)	112 mm	430 mm	■	■				1 pc	**3611598**[1)]
122MM CORE BIT SET (3X-CM + 1BARREL)	122 mm	430 mm	■	■				1 pc	**3611599**
132MM CORE BIT SET (3X-CM + 1BARREL)	132 mm	430 mm	■	■				1 pc	**3611601**[1)]
142MM CORE BIT SET (3X-CM + 1BARREL)	142 mm	430 mm	■	■				1 pc	**3611602**[1)]
152MM CORE BIT SET (3X-CM + 1BARREL)	152 mm	430 mm	■	■				1 pc	**3611603**
162MM CORE BIT SET (3X-CM + 1BARREL)	162 mm	430 mm		■				1 pc	**3611604**[1)]
182MM CORE BIT SET (3X-CM + 1BARREL)	182 mm	430 mm		■				1 pc	**3611605**[1)]
202MM CORE BIT SET (3X-CM + 1BARREL)	202 mm	430 mm		■				1 pc	**3611606**[1)]

[1)] For detailed stock availability and lead time information please contact your Hilti representative.

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

Diamond core bit DD-B SPX-H Abrasive



APPLICATIONS

- Rig-based wet coring in very abrasive concrete

ADVANTAGES

- Hilti Equidist segment technology (35 mm diameter and above), featuring precisely positioned diamonds for unmatched drilling performance

Technical data	
Type	Core bit
Base materials	Concrete (very abrasive)
Drilling mode	Rig-mounted

Ordering designation	Diameter	Working length	DD 120	DD 160	DD 200	DD 350-CA	DD 500-CA	Sales pack quantity	Item number
B 205/450 SPX-H abras.	205 mm	450 mm			■	■	■	1 pc	**2158248**[1)]
B 225/450 SPX-H abras.	225 mm	450 mm			■	■	■	1 pc	**2158249**
B 250/450 SPX-H abras.	250 mm	450 mm			■	■	■	1 pc	**2158250**
B 300/450 SPX-H abras.	300 mm	450 mm			■	■	■	1 pc	**2158251**
B 350/450 SPX-H abras.	350 mm	450 mm			■	■	■	1 pc	**2158252**
B 400/450 SPX-H abras.	400 mm	450 mm			■	■	■	1 pc	**2158253**
B 450/450 SPX-H abras.	450 mm	450 mm				■	■	1 pc	**2158254**
B 500/450 SPX-H abras.	500 mm	450 mm				■	■	1 pc	**2158255**
B 600/450 SPX-H abras.	600 mm	450 mm				■	■	1 pc	**2158256**

[1)] For detailed stock availability and 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
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]
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, recommeded max. core bit size 202 mm			■				1 pc	**251830**
Jack Screw DD-CS M16 Spindle set for fixing drill stand, recommeded max. core bit size 600 mm			■	■	■	■	1 pc	**337378**

[1] For detailed stock availability and 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)] For detailed stock availability and 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 level[1)]	76 dB (A)
Max. water pressure	7 bar
Protection class	Class I

[1)] according to EN 60745



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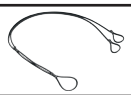
Ordering designation	Package contents	Sales pack quantity	Item number
DD-WMS 100 110V	1x Water management system DD-WMS 100 110V	1 pc	**2145578**
DD-WMS 100 230V	1x Water management system DD-WMS 100 230V	1 pc	**2145821**
Kit DD-WMS 100 110V	1x Water collector system DD-WCS-122, 1x Water collector system 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**

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

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**
WATER COLLECTOR SYS DD-WCS-200 V		1 pc	**2215476**
WATER COLLECTOR SYS DD-WCS-500 V		1 pc	**2215477**
WATER DAM DD-WC-SM		1 pc	**232221**
WATER DAM DD-WC-ML		1 pc	**232243**[1)]

[1)] For detailed stock availability and 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



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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] For detailed stock availability and lead time information please contact your Hilti representative.

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

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] For detailed stock availability and 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 level[1)]	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

Wall saw DST 20-CA NEW





APPLICATIONS

- Cutting and extending openings in concrete walls and floors
- Precise demolition of walls and floors with low vibration
- Cutting through heavily reinforced concrete, synthetic and natural stone, brick and block and other mineral-based materials
- Cutting in tight spaces and where access is difficult
- Facade and balcony renovation

ADVANTAGES

- Extremely compact, easy to handle and transport and quick to set up thanks to integrated control electronics (no external E-box necessary)
- Cutting depth up to 73 cm
- Hilti Traction Control for maximum sawing performance with a 16 or 32 amp electric supply
- Wireless remote control
- Cut Assist – keeps your head and hands free for other tasks while sawing is in progress
- Cutting depth is shown in real time in the display of the remote control unit



Technical data	
Drive weight	32 kg
IP protection class	IP 65
Min. cooling water supply rate	4 l/min
Min. generator power	40 kVA
Motor power	20 kW
Pin assignment	3P+PE
Power source type	3x400V/32A
Rated voltage	400 V
Remote control	Wireless
Saw blade diameter - max.	1600 mm
Saw blade diameter - min.	600 mm



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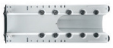
Ordering designation	Package contents	Sales pack quantity	Item number
DST 20-CA 3x400V PR	1x Sawing head DST 20-CA CE assy, 4x Rail support DS-RF-L, 50x Flush anchor HKD-D M12x50, 1x Remote control DST WRC-CA assy, 1x Coupler CEE 32A/400V/5P/6H, 1x Trolley assy, 1x Center section DS-BG 80, 1x Side section DS-BG 80, 1x Tool set DST-TS10/20	1 pc	**2120300**

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

Accessories for Diamond Sawing Machines

Ordering designation		DST 10-CA	DST 20-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**
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]
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**
Center section DS-BGF 120			■	1 pc	**238008**[1]
Center section DS-BGF 80		■	■	1 pc	**238006**[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]

[1] For detailed stock availability and 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 level[1)]	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)] For detailed stock availability and 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





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 level[1)]	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

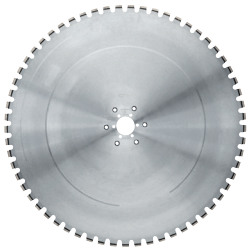
[1)] according to EN 60745



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)] For detailed stock availability and lead time information please contact your Hilti representative.

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

S1 SPX wire - Standard



CHARACTERISTICS

- Balance between life & cuting speed

Ordering Designation	Bead Ø (mm)	No. of Bead/m	Type	Wire length	Sales pack quantity	Item number
DS-W 10.5 SI SPX-M/H	10.5	40	Sintered	50 m	1 pc	**2299887**

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

VB-SPX wire - Premium



CHARACTERISTICS

- Two diamond layers for highly reinforced concrete

Ordering Designation	Bead Ø (mm)	No. of Bead/m	Type	Wire length	Sales pack quantity	Item number
DS-W 10.5-50m VB SPX-H C&S	10.5	44	Vacuum brazed	50 m	1 pc	**2305658**[1)]

[1)] For detailed stock availability and lead time information please contact your Hilti representative.

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

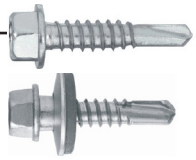
SCREW FASTENING





Metal Screwdrivers

Cordless metal construction screwdriver ST 1800-A22 Page 202
Metal construction screwdriver ST 1800 Page 203
Cordless drywall screwdriver SD 5000-A22 02 Page 204
Screw magazine SMD 57 Page 205
Accessories for Metal Screwdrivers Page 206



Self-drilling screws

Self-drilling screw, without washer (A2 stainless steel with hardened carbon steel drill point) S-MD 03 S Page 207
Self-drilling screw, without washer (A4 stainless steel with hardened carbon steel drill point) S-MD 03 SS Page 207
Self-drilling screw, 14 mm washer (A2 stainless steel with hardened carbon steel drill point with fitted EPDM sealing washer) S-MD 43 S Page 208
Sharp-point drywall screws S-DS 01 B Page 209
Sharp-point drywall screws S-DS 01 Z Page 209
Self-drilling drywall screws S-DD 01 B Page 210
Self-drilling drywall screws S-DD 01 Z M Page 210
Wood screw S-WS 16 S Page 211



Bit holders and Screw driver bits

Bit holders, Bit holder S-BH M 50/2” Page 212
Drywall screwdriver bit, Driver bit S-B PH2 25/1” IF (10) S-B (IF) Page 212
Screwdriver bit, Driver bit S-SY PH2 116/4 1/2” Page 213

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



Fleet Management

reddot design award winner 2011

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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

Fleet Management

reddot design award winner 2011

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

Cordless drywall screwdriver SD 5000-A22 02 NEW





APPLICATIONS

- Fastening drywall boards to metal or wood framing on walls and ceilings
- Fastening metal tracks to metal tracks (framing)
- Fastening drywall panels to wood
- Fastening particle board (chipboard) to wood framing
- Fastening wood to wood / wood to chipboard / chipboard to wood
- Fastening special drywall panels (e.g. Fermacell) to metal profiles

Technical data	
Max. torque	10 Nm
Max. no load speed	5000 rpm
Weight	1.82 kg
Dimensions (LxWxH)	253 x 99 x 235 mm
Chuck type	1/4 in hexagon socket
Control switch lock	Yes
Rated voltage	21.6 V

ADVANTAGES

- Brushless motor – virtually maintenance-free to minimize tool downtime
- Upgraded ergonomics – 300 grams lighter than the first-generation SD 5000-A22, with a well-balanced design which sits firmly in the user's grip
- Built for precise control – redesigned switch and electronic brake help you to balance faster progress and consistent results
- Bright LED provides direct illumination of the work surface



Fleet Management

Ordering designation	Package contents	Sales pack quantity	Item number
Cordl. dryw. screwdr. SD 5000-A22 box	1x S-B PH2 25/1" IF Driver bit, 1x S-BH M 50/2" Bit holder, 1x Depth gauge	1 pc	**2236890**

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

Screw magazine SMD 57 NEW





APPLICATIONS

- Hanging plasterboard on metal or wood studs
- Installing plasterboard ceilings
- Fastening wood boards to metal or wood substructures
- Fastening hard boards to metal or wood substructures
- Fastening exterior sheathing to metal or wood substructures

Technical data	
Length	180 mm
Weight	0.36 kg
Screw length – max	57 mm
Screw length – min	9 mm
Screw type	Collated drywall

ADVANTAGES

- Higher productivity – collated screws are an ideal way to boost productivity by equipping your team to hang more boards in less time
- Metal nose – more robust, longer lasting and lower maintenance
- One-step loading – minimise the time you spend reloading screw strips
- Easier to adjust – now with a side-mounted setting depth wheel and larger screw length adjustment slider
- Versatile – you can use 9-57 mm long collated screws in this attachment



Fleet Management

Ordering designation	Package contents	Sales pack quantity	Item number
SMD 57	Screw magazine SMD 57	1 pc	**2289475**

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

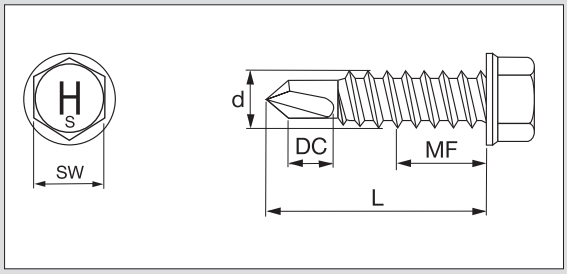


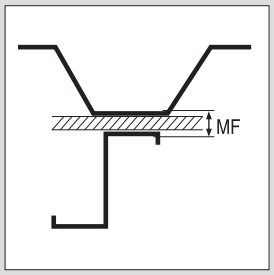
APPLICATIONS

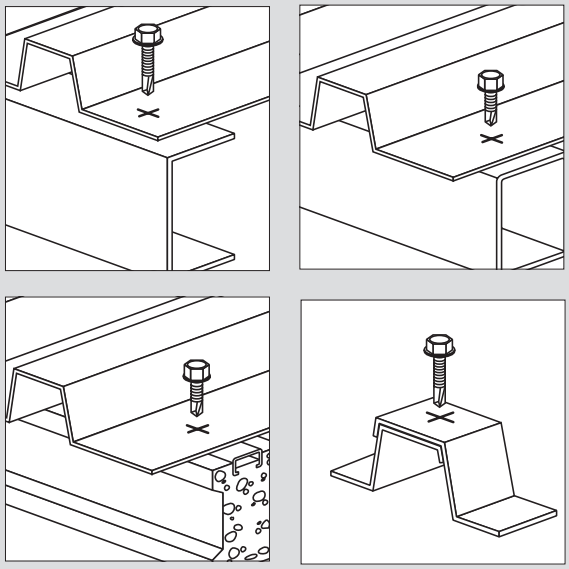
- Fastening steel sections and sheet steel to steel framing

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-MD 03 S 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

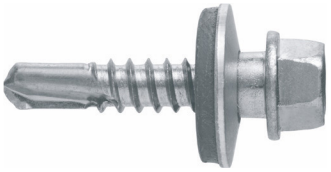
Order Now

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**[1)]

[1)] For detailed stock availability and lead time information please contact your Hilti representative.

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

self-drilling screw, 14 mm washer S-MD 43 S

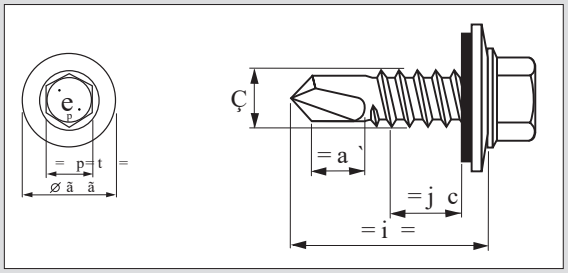


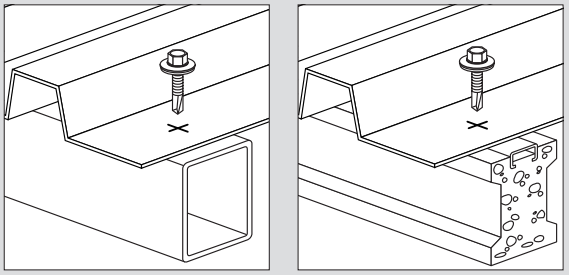
APPLICATIONS

- 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-MD 43 S 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

Sharp-point drywall screws S-DS 01 B



APPLICATIONS

- Fastening plasterboard to metal substructures (up to 0.88 mm)

ADVANTAGES

- Easy to drive due to excellent drilling capability
- Low contact pressure – for more comfortable, less tiring screwdriving
- Hilti has full control of the manufacturing process – delivering reliable, consistent quality
- Optimised system of collated screws, magazines and plasterboard screwdrivers

Ordering designation	Screw diameter (d)	Screw length (L)	Sales pack quantity	Item number
S-DS 01 B 3,5x25 M	3.5 mm	25 mm	1000 pc	**2007779**
S-DS 01 B 3,5x35 M	3.5 mm	35 mm	1000 pc	**2007780**
S-DS 01 B 3,5x38 M	3.5 mm	38 mm	1000 pc	**2095777**
S-DS 01 B 3,5x41 M	3.5 mm	41 mm	1000 pc	**2007781**
S-DS 01 B 3,5x45 M	3.5 mm	45 mm	1000 pc	**2007782**
S-DS 01 B 3,5x55 M	3.5 mm	55 mm	1000 pc	**2007783**

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

Sharp-point drywall screws S-DS 01 Z



APPLICATIONS

- Fastening plasterboard to metal substructures (up to 0.88 mm)

ADVANTAGES

- Easy to drive due to excellent drilling capability
- Low contact pressure – for more comfortable, less tiring screwdriving
- Hilti has full control of the manufacturing process – delivering reliable, consistent quality
- Optimised system of collated screws, magazines and plasterboard screwdrivers

Ordering designation	Screw diameter (d)	Screw length (L)	Sales pack quantity	Item number
S-DS 01 Z 3,5x22 M	3.5 mm	22 mm	1000 pc	**2045545**
S-DS 01 Z 3,5x25 M	3.5 mm	25 mm	1000 pc	**2007788**
S-DS 01 Z 3,5x35 M	3.5 mm	35 mm	1000 pc	**2007789**
S-DS 01 Z 3,5x45 M	3.5 mm	45 mm	1000 pc	**2007790**
S-DS 01 Z 3,5x55 M	3.5 mm	55 mm	1000 pc	**2007791**

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

Self-drilling drywall screws S-DD 01 B



APPLICATIONS

- Fastening drywall boards to metal substructures (0.88-2.25 mm)
- Fastening hard boards to metal substructures (0.88-2.25 mm)

ADVANTAGES

- Easy to drive due to excellent drilling capability
- Low contact pressure – for more comfortable, less tiring screwdriving
- Hilti has full control of the manufacturing process – delivering reliable, consistent quality
- Optimised system of collated screws, magazines and plaster-board screwdrivers

Ordering designation	Screw diameter (d)	Screw length (L)	Sales pack quantity	Item number
S-DD 01 B 3,5x25 M	3.5 mm	25 mm	1000 pc	**2007597**
S-DD 01 B 3,5x35 M	3.5 mm	35 mm	1000 pc	**2007788**
S-DD 01 B 3,5x41 M	3.5 mm	41 mm	1000 pc	**2007599**
S-DD 01 B 3,5x45 M	3.5 mm	45 mm	1000 pc	**2007770**
S-DD 01 B 3,5x55 M	3.5 mm	55 mm	1000 pc	**2011723**

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

Self-drilling drywall screws S-DD 01 Z M



APPLICATIONS

- Fastening drywall boards to metal substructures (0.88-2.25 mm)
- Fastening hard boards to metal substructures (0.88-2.25 mm)

ADVANTAGES

- Easy to drive due to excellent drilling capability
- Low contact pressure – for more comfortable, less tiring screwdriving
- Hilti has full control of the manufacturing process – delivering reliable, consistent quality
- Optimised system of collated screws, magazines and plaster-board screwdrivers

Ordering designation	Screw diameter (d)	Screw length (L)	Sales pack quantity	Item number
S-DD 01 Z 3,5x25 M	3.5 mm	25 mm	1000 pc	**2056546**
S-DD 01 Z 3,5x32 M	3.5 mm	32 mm	1000 pc	**2007775**
S-DD 01 Z 3,5x41 M	3.5 mm	41 mm	1000 pc	**2007776**
S-DD 01 Z 3,5x50 M	3.5 mm	50 mm	1000 pc	**2007777**

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

Wood screw S-WS 16 S



APPLICATIONS

- Wood boards to wood substructure
- Fastening sanitary equipment to wood substructure

ADVANTAGES

- Screws are driven quickly thanks to the optimised geometry of the thread point
- Convenient, less tiring screwdriving thanks to low contact pressure
- Perfectly matched drivers and bits ensure high fastening quality

Ordering designation	Screw diameter (d)	Screw length (L)	Sales pack quantity	Item number
S-WS 16 S 4,0x30 (single screw)	4.0 mm	30 mm	100 pc	**416942**
S-WS 16 S 5,5x40 (single screw)	5.5 mm	40 mm	100 pc	**416943**
S-WS 16 S 5,5x50 (single screw)	5.5 mm	50 mm	100 pc	**416944**
S-WS 16 S 5,5x60 (single screw)	5.5 mm	60 mm	100 pc	**416945**
S-WS 16 S 5,5x75 (single screw)	5.5 mm	75 mm	100 pc	**416946**
S-WS 16 S 5,5x100 (single screw)	5.5 mm	100 mm	100 pc	**416947**

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

Magnetic bit holder S-BH (M)



APPLICATIONS

- Fits all 1/4” screwdriver bits in accordance with DIN 3126 C 6.3 and E 6.3
- Bit holder for plasterboard and other basic screw fastening applications
- Slim design for greater accessibility

ADVANTAGES

- Simple and robust design – manufactured from high-strength steel
- The strong permanent magnet ensures screws are held securely
- Stainless steel sleeve

Order Now

Ordering designation	Screw length (L)	Sales pack quantity	Item number
Bit holder S-BH M 50/2”	50 mm	1 pc	**2038758**

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

Drywall screwdriver bit S-B (IF)



APPLICATIONS

- ¼” hexagon connection end for use with all common bit holders (DIN ISO 1173-D 6.3)
- Particularly suitable for use with drywall screwdrivers
- Fits all Phillips® 2 (PH2) screw heads

ADVANTAGES

- Optimized tip design for a secure fit in drywall screws and better visibility of the screw head
- Slim shank design ensures less drywall dust sticks to the bit and helps prevent damage to the drywall board paper
- Perfect-fit geometry for greater driving grip, precision-machined to help reduce stripping and wobbling

Ordering designation	Screw length (L)	Sales pack quantity	Item number
Driver bit S-B PH2 25/1” IF (10)	25 mm	10 pc	**2039035**

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

Screwdriver bit S-SY B



APPLICATIONS

- Suitable for use with Hilti plasterboard screwdrivers and Hilti screw magazines
- Fits all Phillips 2 (PH2) screw heads
- Ideal for use with Hilti screw magazines, for fast installation of plasterboard, even when working with only one hand in ceiling applications

ADVANTAGES

- Optimised for use with Hilti screw magazines, e.g. SMD, SD-M1 or SD-M2
- Precision-machined – extra-high strength reduces the risk of premature bit breakage
- Perfect-fit geometry for greater driving grip when used with a Hilti screw magazine and Hilti collated plasterboard screws

Order Now

Ordering designation	Screw length (L)	Sales pack quantity	Item number
Driver bit S-SY PH2 116/4 1/2" (5)	116 mm	5 pc	**2039151**
Driver bit S-SY PH2 116/4 1/2" (10)	116 mm	10 pc	**2039152**

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

DIRECT FASTENING





Drywall Application

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Electrical and Mechanical Fastening

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Sealing ring X-FCP	Page 240



Special Application

Powder-actuated tool DX 450 SCT	Page 241

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





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

Direct fastening is the first choice for dry wall track fastening. It is cordless with unbeatable productivity.

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
- 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 temperature - 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

Fleet Management



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

Order Now

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[1)]
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)]

[1)] For detailed stock availability and 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

Battery-actuated fastening tool BX 3-L 02





APPLICATIONS

- Fastening drywall track to floors, walls and ceilings on concrete, solid masonry or steel
- Fastening mesh, membranes or foil with special washer holders to concrete walls
- Fastening wall tie connections to concrete, solid masonry or steel – use of the special washer holder is recommended
- Suitable for various light-duty fastening applications on concrete, solid masonry or steel
- Fastening cables, conduits or various light electrical installations – use of the ME nailer nose is recommended
- Fastening wood up to 25 mm thick to concrete

ADVANTAGES

- Combustion-free operation – no gas cans or powder cartridges to store and dispose of
- Drives up to 800/500/400 fasteners with a single battery charge (depending on B22 battery model - 5.2 Ah, 3.0 Ah or 2.6 Ah)
- Engineered for high productivity – fastening rate of 1.3 nails per second
- Slim design for easier access in corners, close to walls or in tight spaces
- Cordless tool platform – the same battery for all 22V Hilti tools

Technical data	
Power (max.)	85 J
Weight	3.48 kg
Automatic piston return	Yes
Emission noise-pressure level at the work station: LpA, 1s[1)]	90 dB (A)
Dimensions (LxWxH)	474 x 134 x 368 mm
Max. fastener driving rate	650
Weight according to EPTA Procedure 01/2003	4 kg
Fastener intake	30 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



Fleet Management

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Ordering designation	Package contents	Sales pack quantity	Item number
BX 3-L 02	1x Battery-actuated tool BX 3-L 02, 1x Case	1 pc	**2161469**

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	**2136393**
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-L 02



Order Now

Ordering designation	Fastener shank length	Fastener shank diameter	Sales pack quantity	Item number
X-S 14 B3 MX	14 mm	3 mm	1000 pc	2156393
X-P 17 B3 MX	17 mm	3 mm	1000 pc	2156219
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-C 20 B3 MX	20 mm	3 mm	1000 pc	2123993
X-C 24 B3 MX	24 mm	3 mm	1000 pc	2123994
X-C 30 B3 MX	30 mm	3 mm	1000 pc	2149988
X-C 36 B3 MX	36 mm	3 mm	1000 pc	2149989

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

Accessories for BX 3-L 02

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 02 packed		1 pc	2179277
Fastener guide X-FG B3-ME 02 packed		1 pc	2179276
Fastener guide X-FG B3-IF 02 packed		1 pc	2179275
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)]

[1)] For detailed stock availability and lead time information please contact your Hilti representative.

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

Accessories for BX 3

Ordering designation		Sales pack quantity	Item number
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

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

Battery-actuated fastening tool BX 3-L ME 02





APPLICATIONS

- Fastening drywall track to floors, walls and ceilings on concrete, solid masonry or steel
- Fastening mesh, membranes or foil with special washer holders to concrete walls
- Fastening wall tie connections to concrete, solid masonry or steel – use of the special washer holder is recommended
- Suitable for various light-duty fastening applications on concrete, solid masonry or steel
- Fastening cables, conduits or various light electrical installations – use of the ME nailer nose is recommended
- Fastening wood up to 25 mm thick to concrete

ADVANTAGES

- Combustion-free operation – no gas cans or powder cartridges to store and dispose of
- Drives up to 800/500/400 fasteners with a single battery charge (depending on B22 battery model - 5.2 Ah, 3.0 Ah or 2.6 Ah)
- Engineered for high productivity – fastening rate of 1.3 nails per second
- Slim design for easier access in corners, close to walls or in tight spaces
- Cordless tool platform – the same battery for all 22V Hilti tools

Technical data	
Power (max.)	85 J
Weight	3.48 kg
Automatic piston return	Yes
Emission noise-pressure level at the work station: LpA, 1s[1)]	90 dB (A)
Dimensions (LxWxH)	474 x 134 x 368 mm
Max. fastener driving rate	650
Weight according to EPTA Procedure 01/2003	4 kg
Fastener intake	30 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



Fleet Management

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Ordering designation	Package contents	Sales pack quantity	Item number
BX 3-L 02 with X-FG ME	1x Battery-actuated tool BX 3-L 02, 1x Fastener guide X-FG B3-ME packed, 1x case	1 pc	**3611127**

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)] For detailed stock availability and 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



Order Now

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)] For detailed stock availability and 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



Order Now

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)] For detailed stock availability and 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



Order Now

Ordering designation	Sales pack quantity	Item number
X-ET MX	250 pc	**285718**

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Conduit clamps X-EKS MX



Order Now

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)] For detailed stock availability and 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	20 mm	100 pc	**274087**[1)]

[1)] For detailed stock availability and 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)] For detailed stock availability and 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



Order Now

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)] For detailed stock availability and 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



Order Now

Order designation	Cable conduit diameter	Sales pack quantity	Item number
X-DFB 20 MX	20 mm	100 pc	**273384**[1)]
X-DFB 25 MX	20 mm	100 pc	**273386**[1)]

[1)] For detailed stock availability and 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)] For detailed stock availability and lead time information please contact your Hilti representative.

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Ceiling clip X-ECC MX



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Order designation	Sales pack quantity	Item number
X-ECC MX	100 pc	**228342**

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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, 1s[1)]	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



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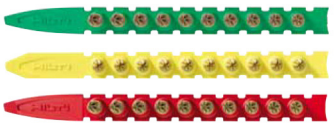
Ordering designation	Package contents	Sales pack quantity	Item number
DX 5 F8	1x Basic unit DX 5_01, 1x Fastener guide X-5-460-F8 assy, 1x Piston X-5-460-P8, 1x Cleaning kit X-5-460-Clean, 1x Case	1 pc	**3612972**

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 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 & 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)]
Piston X-5-460-P8	1 pc	**373297**
Piston X-5-460-PGR	1 pc	**305448**[1)]
Protective cap X-SGF 	1 pc	**304416**
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)] For detailed stock availability and 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

Fleet Management

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, 1s[1)]	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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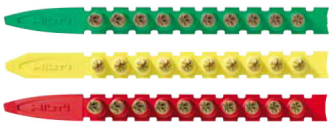
Ordering designation	Package contents	Sales pack quantity	Item number
DX 351 M+E	1x Powder-actuated tool DX 351 M+E,1x Piston X-P8S-351, 1x Fastener guide X-FG8ME351 assy, 1x Cleaning kit DX 351, 1x Case	1 pc	**373182**

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 5, DX 460, 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**[1)]
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**
Receptable X-PT351 	1 pc	**333312**
Cleaning kit DX 351 	1 pc	**2003832**

[1)] For detailed stock availability and 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

Fleet Management

DESIGN AWARD 2015

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, 1s[1)]	104 dB (A)
Dimensions (LxWxH)	345 x 50 x 157 mm
Max. fastener driving rate	450 / h
Cartridge type	6.8/11 .27 caliber 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**

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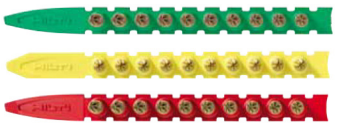
DX cartridge 6.8/11 M10

APPLICATIONS

- For use with DX 2, DX 5, DX 460, 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**

[1)] For detailed stock availability and lead time information please contact your Hilti representative.

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**[1)]

[1)] For detailed stock availability and lead time information please contact your Hilti representative.

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 5

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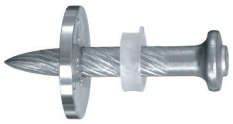
Universal nail for steel X-U P8



Ordering designation	Fastener shank length	Fastener shank diameter	Sales pack quantity	Item number
X-U 16 P8	16 mm	4 mm	100 pc	**237330**

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**

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

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”)

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 5, DX 351

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High performance nail X-P P8



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)] For detailed stock availability and lead time information please contact your Hilti representative.

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

High performance nail with steel washer X-P P8 S



Ordering designation	Shank length	Washer diameter	Sales pack quantity	Item number
X-P 22 P8 S23 W/EYELET	22 mm	23 mm	500 pc	**3595905**
X-P 27 P8 S23 W/EYELET	27 mm	23 mm	500 pc	**3595906**
X-P 34 P8 S23 W/EYELET	34 mm	23 mm	500 pc	**3595907**

[1)] For detailed stock availability and lead time information please contact your Hilti representative.

Please visit Hilti website 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 5, DX 351

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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)]

[1)] For detailed stock availability and lead time information please contact your Hilti representative.

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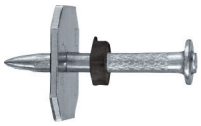
Standard nail with steel washer X-C P8 S



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**

[1)] For detailed stock availability and 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	**286230**

[1)] For detailed stock availability and 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)] For detailed stock availability and 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 5, DX 351

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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 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)]

[1)] For detailed stock availability and 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 M8/10 P8	100 pc	**2122460**[1)]

[1)] For detailed stock availability and lead time information please contact your Hilti representative.

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

Threaded screw stud (carbon steel) for multi-purpose fastenings on steel S-BT MF





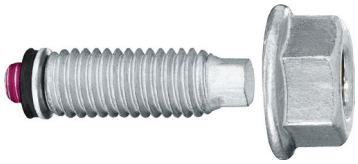
APPLICATIONS

- 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

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

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



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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)] For detailed stock availability and 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

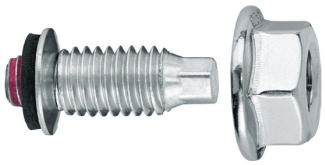
APPLICATIONS

- 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)] For detailed stock availability and lead time information please contact your Hilti representative.

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

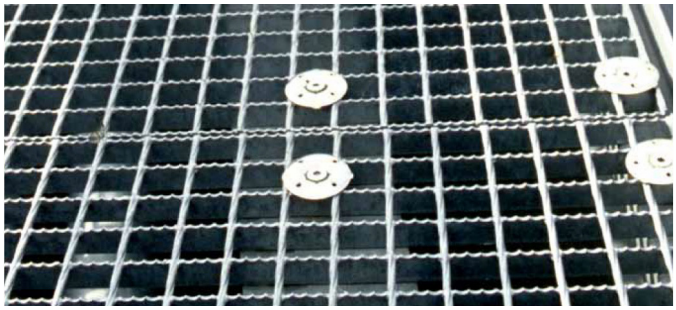
Setting equipment for S-BT

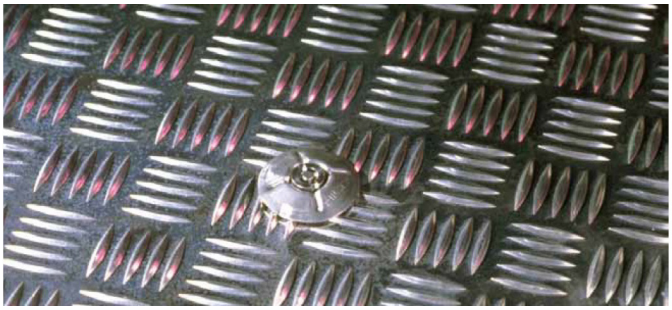
Ordering designation		Sales pack quantity	Item number
Cordless drill SF BT 22-A		1 pc	**2123719**[1)]
Stepped drill bit TS-BT 5.5-74 S		1 pc	**2143137**[1)]
Depth gauge S-DG BT M8/7 Short 6		1 pc	**2143260**[1)]
Depth gauge S-DG BT M8/15 Long 6		1 pc	**2148575**[1)]
Depth gauge S-DG BT M10-W10/15 Long 6		1 pc	**2143261**[1)]

[1)] For detailed stock availability and 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-M



Order Now

Ordering designation	Base materials	Diameter	Environmental conditions	Fastener shank length	Grating height	Sales pack quantity	Item number
X-FCM-M 25/30	Steel	50 mm	Indoors, dry and non-corrosive environment	23 mm	25 - 30 mm	100 pc	**2117357**[1)]
X-FCM-M 35/40	Steel	50 mm	Indoors, dry and non-corrosive environment	33 mm	35 - 40 mm	100 pc	**2117359**[1)]
X-FCM-M 45/50	Steel	50 mm	Indoors, dry and non-corrosive environment	43 mm	45 - 50 mm	100 pc	**2117390**[1)]

[1)] For detailed stock availability and 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 dics



Order Now

Ordering designation	Base materials	Diameter	Environmental conditions	Grating height	Sales pack quantity	Item number
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)] For detailed stock availability and lead time information please contact your Hilti representative.

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

Sealing ring X-FCP



Order Now

Ordering designation	Diameter	Sales pack quantity	Item number
X-FCP	39 mm	200 pc	**308856**[1)]

[1)] For detailed stock availability and 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

Fleet Management

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, 1s[1)]	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

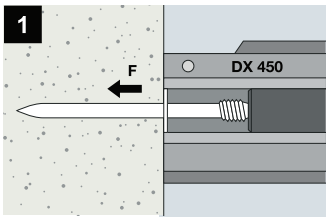


Order Now

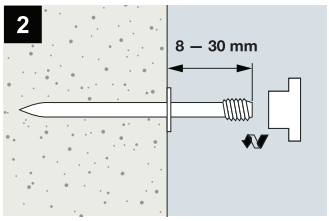
Ordering designation	Diameter	Sales pack quantity	Item number
DX 450 SCT	1x Powder-actuated tool DX 450 SCT assy, 1x Spares pack, 1x Cleaning kit DX 450, 1x Case	1 pc	**233871**

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

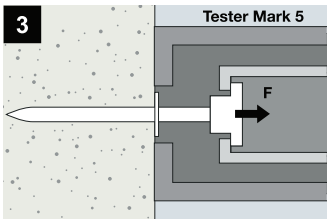
Application Procedures



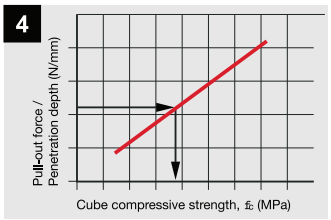
Using a Hilti DX 450 SCT tool, ten threaded studs are driven into the young concrete with a precisely defined driving force.



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.

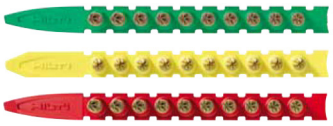


The calibration curve provides an accurate reading of early concrete strength.

DX cartridge 6.8/11 M10

APPLICATIONS

- For use with DX 2, DX 5, DX 460, DX 351, DX 450, DX 36, DX A40, DX A41



Order Now

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
L140 piston guide		1 pc	**00000787**[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)]
0-5 kN force gauge		1 pc	**285525**[1)]
0-20 kN force gauge			**285528**[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

Injectable mortar HIT-RE 500 V3 Page 252
Injectable mortar HIT-HY 200-R Page 253
Injectable mortar Hilti HIT-RE 100 Page 254
Injectable mortar HIT-HY 270 Page 255
Electric dispenser HDE Page 256
Foil capsule adhesive anchor HVU2 Page 257



Anchor Rods

Anchor rod HAS-U Page 258
Internally threaded sleeve HIS-N Page 263
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Heavy-duty Anchors

Undercut anchor HDA-T Page 274
Undercut anchor HDA-P Page 276
Filling set Page 277
Heavy-duty expansion anchor HSL-4 Page 283
Heavy-duty expansion anchor HSL-3 Page 286



Medium-duty Anchors

Safety anchor HSC-A Page 288
Safety anchor HSC-I Page 290
Stud anchor HST3 Page 293
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Screw anchor HUS3 Page 301
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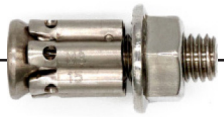
Light-duty Anchors

Cavity anchor HHD-S Page 317
Hollow wall metal anchor with screw HTB-2 / HTB-2-S Page 319
Self-drilling drywall anchor HSP Page 320
Hook and ring anchors HA 8 Page 321
Universal plastic anchor HUD Page 322
Frame anchor with countersunk head HRD-C Page 324
Impact anchor HPS Page 325
Light-duty anchor HLD Page 326



Hoist Anchor Points

Hoist anchor point HAP 1.15 Page 328



Stone undercut anchor

Stone undercut anchor HSU-R Page 329



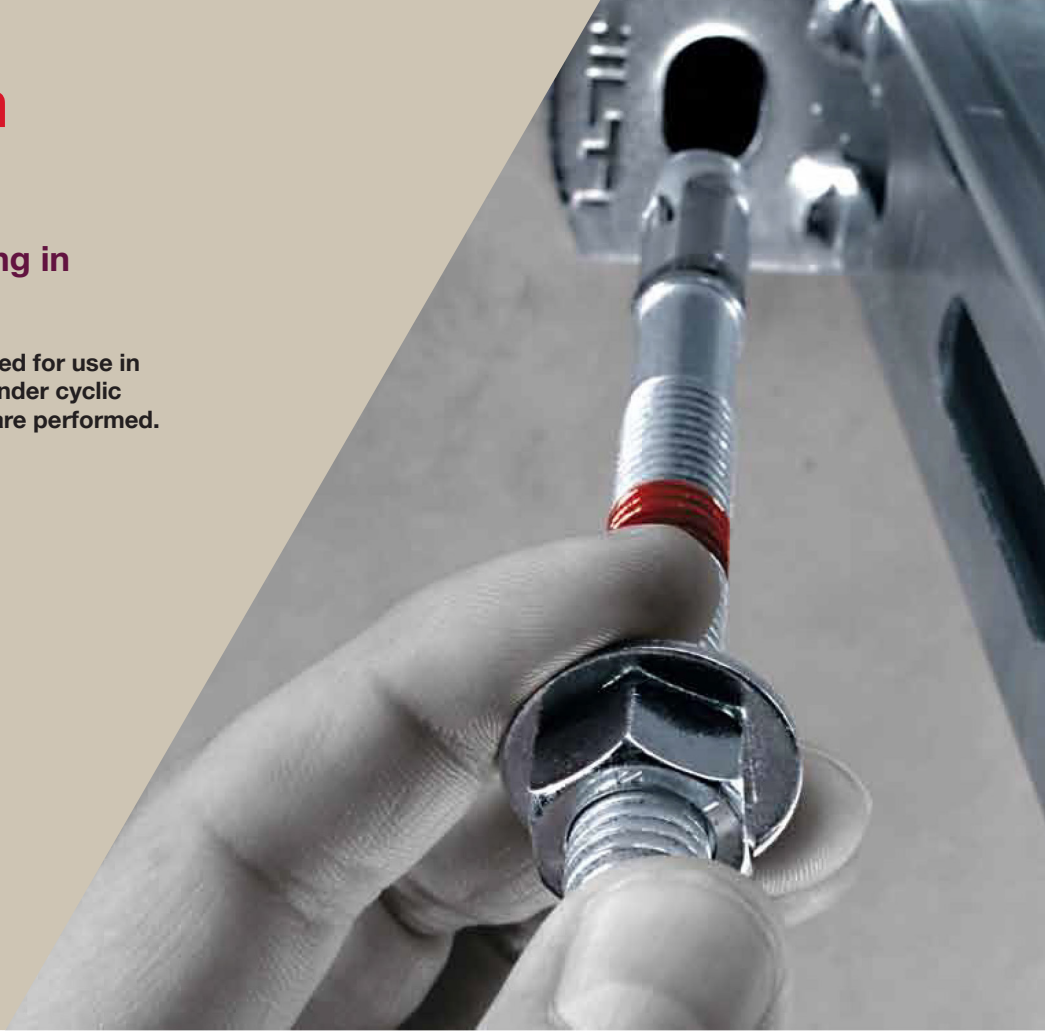
Cast-in Anchor

Anchor channel HAC Page 330
Anchor Channel – Corner Fixing HAC-CRFoS Page 332
T-head bolt HBC-C Page 333
Anchor channel HAC-C (A4 stainless steel) Page 334
Anchor channel HAC-C-P Page 336
T-head bolt HBC (A4 stainless steel) Page 338
Cast-in-socket HCS Page 339

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.

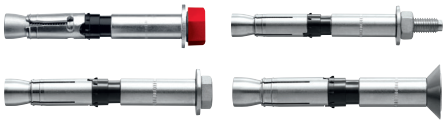


HILTI HIT-HY 200-R INJECTABLE MORTAR



- Suitable for use with all anchor rods and rebar
- No hole cleaning required with the revolutionary HIT-Z anchor rod.
- Fast curing

HILTI HSL-4 HEAVY DUTY EXPANSION ANCHOR



- The most common heavy duty anchor
- Fast and easy through-set installation
- HSL-4-B torque cap ensures proper installation with no need for a torque wrench

HILTI HST3 STUD ANCHOR



- Universal stud with ideal tension and shear load capacities
- Optimized expansion-sleeve design ensures 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



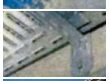
- High standard heavy duty self-undercut anchor
- Comprehensive approvals e.g. fatigue, shock, seismic, etc.
- Completely removable

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	Sherandized 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, HAS-U, HIT-Z, rebar														
			 **Hilti HIT-RE 500 V3** with HAS-U, HIS-N, rebar	■	■	■						■	■		■	■	
			 **Hilti HIT-RE 100** with HAS-U, HIS-N, rebar	■		■						■	■		■	■	
			 **Hilti HVU2** HVU2 with HAS, HIS-N	■	■	■						■	■		■	■	
	kg		 **Hilti HIT-HY 270** with HAS-U, HIS-N		■		■	■	■	■	■	■			■		
Metal anchor	kg		 **Hilti HDA**	■	■							■	■		■		
			 **Hilti HSL**	■	■							■			■		
			 **Hilti HSC**	■	■							■			■		
			 **Hilti HST3**	■	■							■			■		
			 **Hilti HSA**	■								■	■	■	■		
			 **Hilti HUS**	■	■			■	■			■			■		
			 **Hilti HKD**	■								■	■		■		
			 **Hilti HKV**	■								■		■			
			 **Hilti HLC**	■					■			■					
			 **Hilti HHD-S**								■	■					
			 **Hilti HA 8**	■								■					
	kg		 **Hilti HSP**								■	■					
Plastic anchor	kg		 **Hilti HRD-C**	■			■	■	■	■	■	■			■		
			 **Hilti HUD-1 /HUD-L**	■			■	■	■	■	■						
			Hilti HPS-1	■			■	■	■	■	■	■		■			
			Hilti HTB-2				■			■	■	■					
	kg		**Hilti HLD**								■						

*Please contact your Hilti representative to access these local test reports.

Type			Product approval		Remark
Bolt head	External thread	Internal thread		Local test*	
	■	■		✓	
■	■	■		✓	
■	■	■		✓	
■	■	■		✓	
■	■	■			
	■			✓	
■	■			✓	
■	■	■		✓	
	■			✓	
	■			✓	
■				✓	
■		■		✓	
■		■			
■	■			✓	
■					
■		■			
■					
■				✓	
■					
■		■			
■		■			

European Technical Approval (ETA)

ICC-ES Report

Contributed to LEED

Low VOC content

Approvals for use in contact with drinking water

Factory Mutual (FM)

Deutches Institut fur Bautechnik DIBt (German Institute of Building Technology)

Certified by VdS (German Association of insurers) of use in the installation sprinkler system

Shock approval

Seismic test

Fatigue test

Nuclear power plant approval

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.



HIT-RE 500 V3



HIT-HY 200-R



HIT-RE 100

APPLICATIONS

- Post-installed rebar connections forconcrete slab, column or wall extensions
- Heavy-duty anchoring in cracked or uncracked concrete, e.g. for steel beams, colum

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.

SAFE-SET Application Ranges

Thread rod size / Drill hole dia.	M8 (10mm)	M10 (12mm)	M12 (14mm)	M16 (18mm)	M20 (22mm)	M24 (28mm)	M27 (30mm)	M30 (35mm)
Anchoring								
HIT-HY 200-R, standard drill bit and HIT-Z Rod (zero cleaning)			SAFE-SET					
HIT-HY 200-R, HIT-RE100, HIT-RE 500 V3, Hollow Drill Bits and HAS-E Rod, HAS-U Rod or HIT-V Rod (auto-cleaning)				SAFE-SET				



Rebar size / Drill hole dia.	Y8 (12mm)	Y10 (14mm)	Y12 (16mm)	Y16 (20mm)	Y20 (25mm)	Y25 (32mm)	Y32 (40mm)
Rebar							
HIT-HY 200-R, HIT-RE100 , HIT-RE 500 V3, Hollow Drill Bits and rebar (auto-cleaning)	SAFE-SET						



INTRODUCING HILTI SAFESET TECHNOLOGY

Once in a blue moon, something comes along with the power to accelerate the way you work.

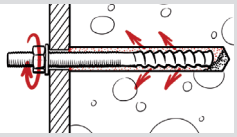
SAFESET

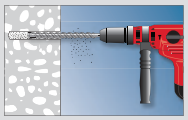
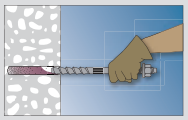
SAFEset is a registered trade mark of Hilti.

1 ZERO CLEANING SOLUTION.
HIT-Z anchor rods + HIT-HY 200-R

The new Hilti HIT-Z anchor rod works as a torque-contolled 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.





Drill	Set
	

Hilti SAFESET Technology
Up to 60% faster!

Drill → Done → Productivity gain

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

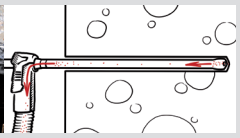


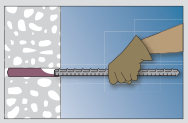


2 AUTO-CLEANING SOLUTION.
Hollow drill bits + HIT-HY 200-R / HIT-RE 100 / HIT-RE 500 V3

Hilti TE-CD and TE-YD hollow drill bits, in conjunction with HIT-HY 200-R, HIT-RE 100 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.





Drill	Set
	

Hilti SAFESET Technology
Up to 60% faster!

Drill → Done → Productivity gain

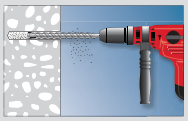
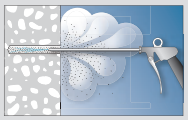
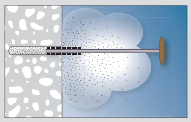
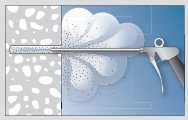
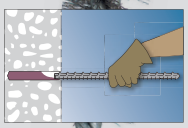
Rebar diameter range	Y8 to Y25
Threaded rod diameters	M10 to M30
Embedment depth	Up to 1000 mm
Concrete compressive strengths	C20/25 to C50/60
Installation temperature range	-10°C to 40°C





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.

Drill	Blow twice	Brush twice	Blow twice	Set
				

*Cleaning Sequence when using manual dust pump are : blow twice , brush twice , blow twice.

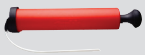
Drill → 2x → 2x → 2x → Done



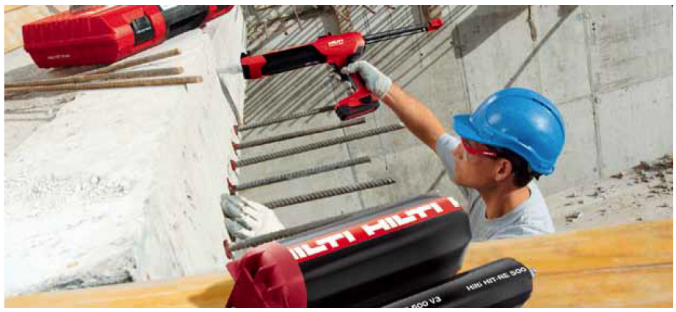
Rebar diameter range	Y8 to Y40
Threaded rod diameters	M8 to M39
Embedment depth	Up to 20 times element diameter
Concrete compressive strengths	C20/25 to C50/60
Installation temperature range	-10°C to 40°C



SUMMARY TABLE FOR CHEMICAL ANCHORS

	HIT-HY 200-R	HIT-RE 500 V3	HIT-RE 100	HIT-HY 270	HVU2
HIT-Z 	■				
HIT-V 	■	■	■	■	
HAS 					■
HAS-E 			■		■
HAS-U 					
HIS-N	■	■	■	■	■
Setting tool TE-C 					■
Setting tool HIS-S 					■
Mixer HIT-RE-M	■	■	■	■	
Profi accessories for HIT 	■	■	■	■	
HIT-SC 				■	
CR Cartridge holder 	■				
CB Cartridge holder 		■	■	■	
HDM/HDE Dispenser 	■	■	■	■	
TE-CD/YD Hollow drill bit 	■	■	■		
VC 20/40 Vacuum cleaner 	■	■	■		
Setting tool TE-C-E/ TE-Y-E 					■
Blow-out pump 	■	■	■	■	■
Steel brush 	■	■	■	■	■

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

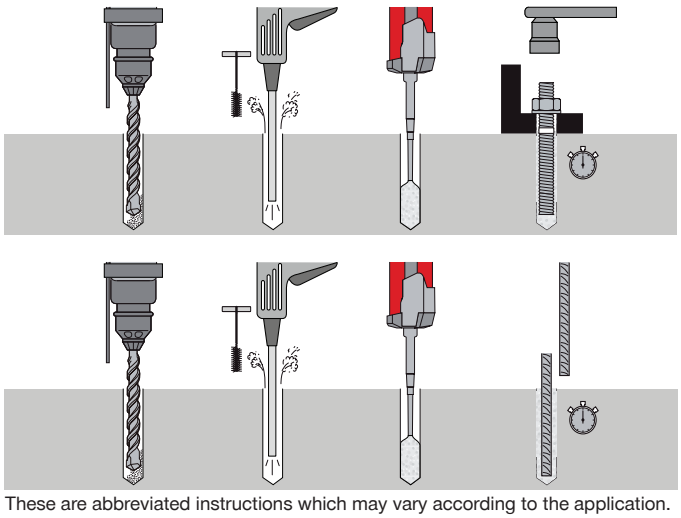
Approvals and test reports may apply to selected products only. Please refer to the documents for details.

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 twork [h]	Minimum curing time tcure [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 vaild 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	**2123406**[1]

[1] For detailed stock availability and 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)

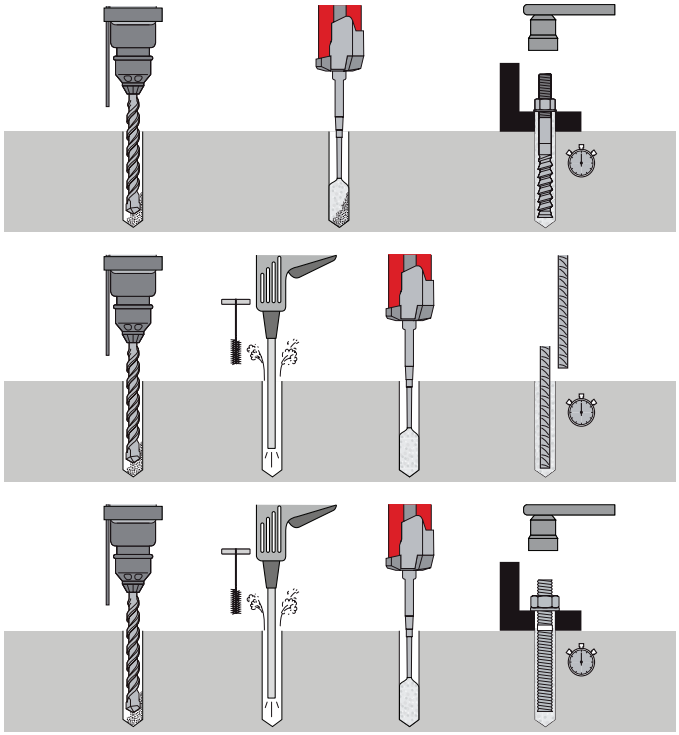


APPLICATIONS

- 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.

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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 twork [min]	Minimum curing time tcure [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 vaild 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, Nrec	8.0	12.7	18.1	29.4	40.7
	Shear Load, Vrec	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, Nrec	7.0	10.2	13.8	20.9	29.0
	Shear Load, Vrec	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

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Hilti online: www.hilti.com.hk

Injectable mortar Hilti HIT-RE 100 NEW







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.)
- 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

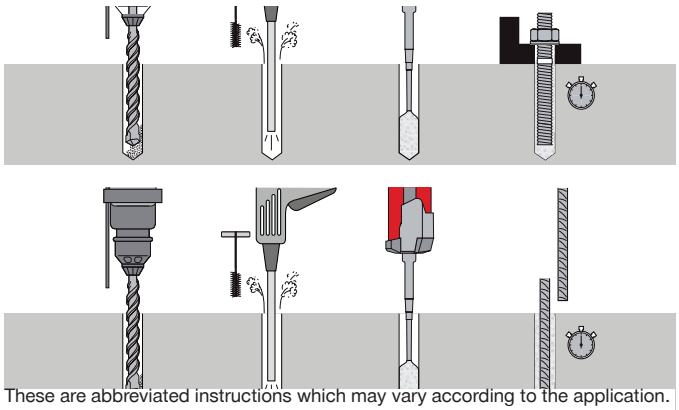
Technical data	
Material composition	Epoxy Adhesive
Base material condition	Dry, submerged, water-filled, wet
Tested/approved for diamond drilling	Yes
Seismic	No
Compatible cartridge holder	CB (Black)
Additional product information	Always wear eye protection and gloves while handling

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 24	25	12
25 to 29	20	10
30 to 39	12	8
40	12	4

Approvals	
ETA	ETA-15/0882 for HIT-RE 100 injection mortar for anchoring applications (ETAG 001-05, Option 7)
	ETA-15/0883 for HIT-RE 100 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.

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Ordering designation	Package contents	Sales pack quantity	Item number
HIT-RE 100/500/1 INT	1x Foil pack, 1x Mixer, 1x Mixer extension	1 pc	**2123386**

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Injectable mortar HIT-HY 270





BASE MATERIALS

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

APPLICATIONS

- Fastenings in hollow and solid masonry
- Refurbishment and renovation
- Facade tie-backs to masonry structural walls
- Structural strengthening of old masonry walls
- Heavy bracing of items such as sun shades installed on insulated surfaces

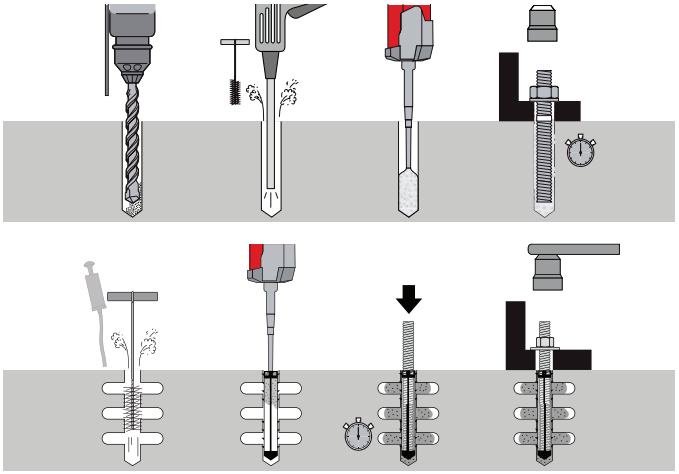
ADVANTAGES

- Makes strong, reliable and easily installed fastenings in a variety of masonry base materials
- Suitable for indoor and outdoor applications as well as use in dry and wet hole conditions
- HIT-SC composite sleeves offer greater flexibility through use of multiple sleeve combinations and also minimize mortar wastage by allowing more accurate dosing in hollow base materials
- Fastenings in masonry can be designed using the new masonry design software which is part of PROFIS Anchor
- ETA approval for use in masonry plus technical data that allows high application flexibility
- Performs reliably, even when the size and location of bricks and voids are unknown



Approvals	
ETA	ETA-13-1036-for-HIT-HY-270-injection-mortar-for-anchoring-in-masonry

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	
Cleaning procedures	Compressed-air cleaning, Manual cleaning
SAFEset	No
Anchoring elements	HIT-IC internally-threaded rods, HIT-SC mesh sleeves, HIT-S mesh sleeves, HIT-V threaded rods
Approvals / test reports	ETA, Fire
Fire resistance	Yes
PROFIS software	Yes

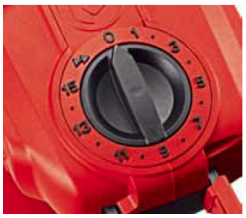
Ordering designation	Package contents	Sales pack quantity	Item number
HIT-HY 270 330/2	1x Foil pack, 2x Mixer, 1x Mixer extension	1 pc	**2095982**
HIT-HY 270 500/2	1x Foil pack, 2x Mixer, 1x Mixer extension	1 pc	**2095983**[1)]

[1)] For detailed stock availability and 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 artridges (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 (RE100 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

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reddot design award winner 2013

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Ordering designation	Content per can/cartridge	Sales pack quantity	Item number
HDE500 A22 +CB holder set (Advanced)	1x Dispenser HDE 500-A22,1x Cartridge holder CB, 1x Pump, 3x steel brush, 1x brush handle, 1x Hilti case	1 pc	**3592754**
HDE500 A22 +CR holder set (Advanced)	1x Dispenser HDE 500-A22,1x Cartridge holder CR, 1x Pump, 3x steel brush, 1x brush handle, 1x Hilti case	1 pc	**3592755**
HDE500 A22 +CB holder set (Basic)	1x Dispenser HDE 500-A22,1x Cartridge holder CB, 1x Hilti case	1 pc	**3612182**
HDE500 A22 +CR holder set (Basic)	1x Dispenser HDE 500-A22,1x Cartridge holder CR, 1x Hilti case	1 pc	**3612214**
Battery pack B 22/2.6 Li-Ion	-	1 pc	**2136393**
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

Foil capsule adhesive anchor HVU2





BASE MATERIALS

- Concrete (cracked)
- Concrete (uncracked)

APPLICATIONS

- Anchoring steel structures (e.g. racking, guard rails, fences and gates)
- Anchoring items along roads and in tunnels (e.g. crash and noise barriers, overhead catenary systems)
- Anchoring in industry (e.g. machinery, elevators, cranes and industrial equipment)
- Anchoring at the edge of slabs or on narrow supports (e.g. beams, balconies)

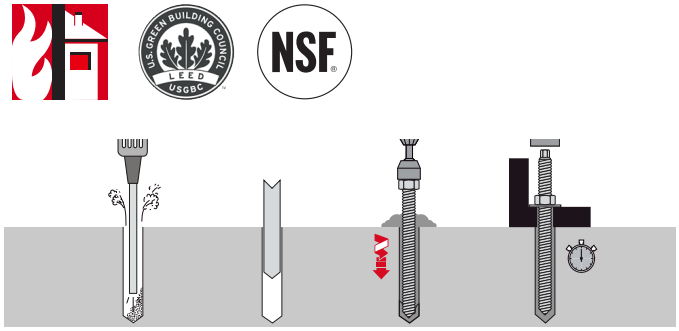
ADVANTAGES

- High performance in cracked and uncracked concrete
- Tough and resilient soft foil capsule – no more risk of breakage, like with glass capsules
- Each capsule contains exactly the right amount of resin, for maximum efficiency and economy – no wastage and no need for complex calculations
- Suitable for use under tough jobsite conditions including watersaturated holes and at low temperatures, even in diamond-cored holes
- Automatic hole cleaning (SafeSet) with TE-CD and TE-YD drill bits in combination with a Hilti vacuum cleaner
- Anchors can be loaded almost instantly – only 5 minutes curing time at 20°C and above



Approvals	
ETA	ETA-18/0185 HVU2 bonded fastener for use in concrete

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 methacrylate
Material, corrosion	Stainless steel, HCR (high corrosion resistance), Carbon steel, HDG (hotdip galvanised)/sherardised, Stainless steel, A2, Carbon steel, zinc-plated
Tested/approved for diamond drilling	Yes

Curing time[1)]

Base material temperature [°C]	Curing time t_{cure} [min]
0-4	40
5-9	20
10 to 19	10
20 to 40	5

[1)] The curing time data are vaild for dry base material only. In wet base material the curing times must be doubled.

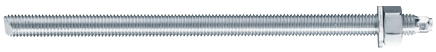
Order Now

Ordering designation	Drill bit diameter	Standard embedment depth	Anchor size	Sales pack quantity	Item number
HVU2 M8x80	10 mm	80 mm	8 mm	20 pcs	**2164505**
HVU2 M10x90	12 mm	90 mm	10 mm	20 pcs	**2164506**
HVU2 M12x110	14 mm	110 mm	12 mm	20 pcs	**2164507**
HVU2 M16x125	18 mm	125 mm	16 mm	20 pcs	**2164508**
HVU2 M20x170	22 mm	170 mm	20 mm	10 pcs	**2164509**
HVU2 M24x210	28 mm	210 mm	24 mm	5 pcs	**2164560**
HVU2 M27x240	30 mm	240 mm	27 mm	4 pcs	**2164561**[1)]
HVU2 M30x270	35 mm	270 mm	30 mm	4 pcs	**2164562**[1)]

[1)] For detailed stock availability and lead time information please contact your Hilti representative.

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

Anchor rod HAS-U 5.8 (Galvanized, grade 5.8)



Approvals	
ETA	ETA 15/0882 for HIT-RE 100 injection mortar for anchoring applications (ETAG 001-05, Option 7)
ETA, seismic	ETA 16/0143 for HIT-RE 500V3 injection mortar for anchoring applications (ETAG 001-05, Option 7)
	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. 5µm)
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
HAS-U 5.8 M6x75	M6	75mm	8mm	7mm	20pc	**2223936**[1)]
HAS-U 5.8 M6x105	M6	105mm	8mm	7mm	20pc	**2223704**[1)]
HAS-U 5.8 M8x80	M8	80mm	10mm	9mm	20pc	**2223852**[1)]
HAS-U 5.8 M8x110	M8	110mm	10mm	9mm	20pc	**2223853**
HAS-U 5.8 M8x150	M8	150mm	10mm	9mm	20pc	**2223854**[1)]
HAS-U 5.8 M10x95	M10	95mm	12mm	12mm	20pc	**2223705**[1)]
HAS-U 5.8 M10x115	M10	115mm	12mm	12mm	20pc	**2223706**[1)]
HAS-U 5.8 M10x130	M10	130mm	12mm	12mm	20pc	**2223707**
HAS-U 5.8 M10x170	M10	170mm	12mm	12mm	20pc	**2223709**[1)]
HAS-U 5.8 M10x190	M10	190mm	12mm	12mm	20pc	**2223820**[1)]
HAS-U 5.8 M12x110	M12	110mm	14mm	14mm	20pc	**2223821**[1)]
HAS-U 5.8 M12x120	M12	120mm	14mm	14mm	20pc	**2223822**[1)]
HAS-U 5.8 M12x160	M12	160mm	14mm	14mm	20pc	**2223823**
HAS-U 5.8 M12x180	M12	180mm	14mm	14mm	20pc	**2223825**[1)]
HAS-U 5.8 M12x200	M12	200mm	14mm	14mm	20pc	**2223826**[1)]
HAS-U 5.8 M12x220	M12	220mm	14mm	14mm	20pc	**2223827**[1)]
HAS-U 5.8 M12x260	M12	260mm	14mm	14mm	20pc	**2223867**[1)]
HAS-U 5.8 M12x300	M12	300mm	14mm	14mm	20pc	**2223868**[1)]
HAS-U 5.8 M16x150	M16	150mm	18mm	18mm	20pc	**2223828**[1)]
HAS-U 5.8 M16x165	M16	165mm	18mm	18mm	20pc	**2223829**[1)]
HAS-U 5.8 M16x190	M16	190mm	18mm	18mm	20pc	**2223830**
HAS-U 5.8 M16x220	M16	220mm	18mm	18mm	10pc	**2223869**[1)]

[1)] For detailed stock availability and lead time information please contact your Hilti representative.

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

Ordering designation	Anchor size	Anchor length	Drill bit diameter	Base plate clearance hole	Sales pack quantity	Item number
HAS-U 5.8 M16x260	M16	260mm	18mm	18mm	10pc	**2223832**[1)]
HAS-U 5.8 M16x300	M16	300mm	18mm	18mm	10pc	**2223870**
HAS-U 5.8 M16x350	M16	350mm	18mm	18mm	10pc	**2223871**[1)]
HAS-U 5.8 M16x500	M16	500mm	18mm	18mm	10pc	**2223872**[1)]
HAS-U 5.8 M20x180	M20	180mm	22mm	22mm	10pc	**2223873**[1)]
HAS-U 5.8 M20x240	M20	240mm	22mm	22mm	10pc	**2223874**
HAS-U 5.8 M20x260	M20	260mm	22mm	22mm	10pc	**2223876**
HAS-U 5.8 M20x300	M20	300mm	22mm	22mm	10pc	**2223877**[1)]
HAS-U 5.8 M20x350	M20	350mm	22mm	22mm	10pc	**2223878**[1)]
HAS-U 5.8 M20x400	M20	400mm	22mm	22mm	10pc	**2223879**[1)]
HAS-U 5.8 M20x480	M20	480mm	22mm	22mm	10pc	**2223880**
HAS-U 5.8 M24x300	M24	300mm	28mm	26mm	5pc	**2223881**
HAS-U 5.8 M24x450	M24	450mm	28mm	26mm	5pc	**2223882**[1)]

[1)] For detailed stock availability and lead time information please contact your Hilti representative.

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

HAS-U 5.8 HDG



Approvals	
ETA	ETA 15/0882 for HIT-RE 100 injection mortar for anchoring applications (ETAG 001-05, Option 7)
ETA, seismic	ETA 16/0143 for HIT-RE 500V3 injection mortar for anchoring applications (ETAG 001-05, Option 7)
	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. 43µm)
Material, corrosion	Steel, zinc-plated

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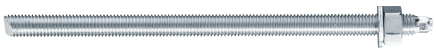
Ordering designation	Anchor size	Anchor length	Drill bit diameter	Base plate clearance hole	Sales pack quantity	Item number
HAS-U 5.8 HDG M8x80	M8	80mm	10mm	9mm	20pc	**2223856**[1)]
HAS-U 5.8 HDG M8x110	M8	110mm	10mm	9mm	20pc	**2223857**[1)]
HAS-U 5.8 HDG M8x150	M18	150mm	10mm	9mm	20pc	**2223858**[1)]
HAS-U 5.8 HDG M10x95	M10	95mm	12mm	12mm	20pc	**2223859**[1)]
HAS-U 5.8 HDG M10x115	M10	115mm	12mm	12mm	20pc	**2223860**[1)]
HAS-U 5.8 HDG M10x130	M10	130mm	12mm	12mm	20pc	**2223861**[1)]
HAS-U 5.8 HDG M10x170	M10	170mm	12mm	12mm	20pc	**2223862**[1)]
HAS-U 5.8 HDG M10x190	M10	190mm	12mm	12mm	20pc	**2223863**[1)]
HAS-U 5.8 HDG M12x110	M12	110mm	14mm	14mm	20pc	**2223937**[1)]
HAS-U 5.8 HDG M12x120	M12	120mm	14mm	14mm	20pc	**2223938**[1)]
HAS-U 5.8 HDG M12x160	M12	160mm	14mm	14mm	20pc	**2223939**[1)]
HAS-U 5.8 HDG M12x180	M12	180mm	14mm	14mm	20pc	**2223940**[1)]
HAS-U 5.8 HDG M12x200	M12	200mm	14mm	14mm	20pc	**2223941**[1)]
HAS-U 5.8 HDG M12x220	M12	220mm	14mm	14mm	20pc	**2223942**[1)]
HAS-U 5.8 HDG M12x260	M12	260mm	14mm	14mm	20pc	**2223895**[1)]
HAS-U 5.8 HDG M12x300	M12	300mm	14mm	14mm	20pc	**2223896**[1)]
HAS-U 5.8 HDG M16x150	M16	150mm	18mm	18mm	20pc	**2223943**[1)]
HAS-U 5.8 HDG M16x165	M16	165mm	18mm	18mm	20pc	**2223944**[1)]
HAS-U 5.8 HDG M16x190	M16	190mm	18mm	18mm	20pc	**2223945**[1)]
HAS-U 5.8 HDG M16x220	M16	220mm	18mm	18mm	10pc	**2223946**[1)]
HAS-U 5.8 HDG M16x260	M16	260mm	18mm	18mm	10pc	**2223897**[1)]
HAS-U 5.8 HDG M16x300	M16	300mm	18mm	18mm	10pc	**2223898**[1)]
HAS-U 5.8 HDG M16x350	M16	350mm	18mm	18mm	10pc	**2223899**[1)]
HAS-U 5.8 HDG M16x500	M16	500mm	18mm	18mm	10pc	**2223900**[1)]
HAS-U 5.8 HDG M20x180	M20	180mm	22mm	22mm	10pc	**2223901**[1)]
HAS-U 5.8 HDG M20x240	M20	240mm	22mm	22mm	10pc	**2223902**[1)]
HAS-U 5.8 HDG M20x260	M20	260mm	22mm	22mm	10pc	**2223903**[1)]
HAS-U 5.8 HDG M20x300	M20	300mm	22mm	22mm	10pc	**2223904**[1)]
HAS-U 5.8 HDG M20x350	M20	350mm	22mm	22mm	10pc	**2223905**[1)]
HAS-U 5.8 HDG M20x400	M20	400mm	22mm	22mm	10pc	**2223906**[1)]
HAS-U 5.8 HDG M20x480	M20	480mm	22mm	22mm	10pc	**2223907**[1)]
HAS-U 5.8 HDG M24x300	M24	300mm	28mm	26mm	5pc	**2223908**[1)]
HAS-U 5.8 HDG M24x450	M24	450mm	28mm	26mm	5pc	**2223909**[1)]

[1)] For detailed stock availability and lead time information please contact your Hilti representative.

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

Anchor rod HAS-U 8.8 (Galvanized, grade 8.8)



Approvals	
ETA	ETA 15/0882 for HIT-RE 100 injection mortar for anchoring applications (ETAG 001-05, Option 7)
ETA, seismic	ETA 16/0143 for HIT-RE 500V3 injection mortar for anchoring applications (ETAG 001-05, Option 7)
	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. 5µm)
Material, corrosion	Steel, zinc-plated

Order Now

Ordering designation	Anchor size	Anchor length	Drill bit diameter	Base plate clearance hole	Sales pack quantity	Item number
HAS-U 8.8 M8x150	M8	150mm	10mm	9mm	20pc	**2223855**[1)]
HAS-U 8.8 M10x190	M10	190mm	12mm	12mm	20pc	**2223833**
HAS-U 8.8 M12x220	M12	220mm	14mm	14mm	20pc	**2223834**
HAS-U 8.8 M12x300	M12	300mm	14mm	14mm	20pc	**2223883**
HAS-U 8.8 M16x190	M16	190mm	18mm	18mm	20pc	**2223835**[1)]
HAS-U 8.8 M16x300	M16	300mm	18mm	18mm	10pc	**2223884**[1)]
HAS-U 8.8 M16x380	M16	380mm	18mm	18mm	10pc	**2223885**
HAS-U 8.8 M20x180	M20	180mm	22mm	22mm	10pc	**2223886**[1)]
HAS-U 8.8 M20x260	M20	260mm	22mm	22mm	10pc	**2223887**[1)]
HAS-U 8.8 M20x400	M20	400mm	22mm	22mm	10pc	**2223888**[1)]
HAS-U 8.8 M24x300	M24	300mm	28mm	26mm	5pc	**2223889**[1)]
HAS-U 8.8 M27x340	M27	340mm	30mm	30mm	5pc	**2223890**[1)]
HAS-U 8.8 M30x380	M30	380mm	35mm	33mm	5pc	**2223891**[1)]
HAS-U 8.8 M33x420	M33	420mm	37mm	36mm	5pc	**2223892**[1)]
HAS-U 8.8 M36x460	M36	460mm	40mm	39mm	5pc	**2223893**[1)]
HAS-U 8.8 M39x510	M39	510mm	42mm	42mm	5pc	**2223894**[1)]

[1)] For detailed stock availability and lead time information please contact your Hilti representative.

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

HAS-U 8.8 HDG



Approvals	
ETA	ETA 15/0882 for HIT-RE 100 injection mortar for anchoring applications (ETAG 001-05, Option 7)
ETA, seismic	ETA 16/0143 for HIT-RE 500V3 injection mortar for anchoring applications (ETAG 001-05, Option 7)
	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. 43µm)
Material, corrosion	Steel, zinc-plated

Order Now

Ordering designation	Anchor size	Anchor length	Drill bit diameter	Base plate clearance hole	Sales pack quantity	Item number
HAS-U 8.8 HDG M8x150	M8	150mm	10mm	9mm	20pc	**2223947**[1)]
HAS-U 8.8 HDG M10x190	M10	190mm	12mm	12mm	20pc	**2223948**[1)]
HAS-U 8.8 HDG M12x220	M12	220mm	14mm	14mm	20pc	**2223949**[1)]
HAS-U 8.8 HDG M12x300	M12	300mm	14mm	14mm	20pc	**2223910**[1)]
HAS-U 8.8 HDG M16x190	M16	190mm	18mm	18mm	20pc	**2223703**[1)]
HAS-U 8.8 HDG M16x300	M16	300mm	18mm	18mm	10pc	**2223911**[1)]
HAS-U 8.8 HDG M16x380	M16	380mm	18mm	18mm	10pc	**2223912**[1)]
HAS-U 8.8 HDG M20x180	M20	180mm	22mm	22mm	10pc	**2223913**[1)]
HAS-U 8.8 HDG M20x260	M20	260mm	22mm	22mm	10pc	**2223914**[1)]
HAS-U 8.8 HDG M20x400	M20	400mm	22mm	22mm	10pc	**2223915**[1)]
HAS-U 8.8 HDG M24x300	M24	300mm	28mm	26mm	5pc	**2223916**[1)]
HAS-U 8.8 HDG M27x340	M27	340mm	30mm	30mm	5pc	**2223917**[1)]
HAS-U 8.8 HDG M30x380	M30	380mm	35mm	33mm	5pc	**2223918**[1)]

[1)] For detailed stock availability and lead time information please contact your Hilti representative.

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Anchor rod HAS-U (A4 stainless steel)



Approvals	
ETA	ETA 15/0882 for HIT-RE 100 injection mortar for anchoring applications (ETAG 001-05, Option 7)
ETA, seismic	ETA 16/0143 for HIT-RE 500V3 injection mortar for anchoring applications (ETAG 001-05, Option 7)
	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

Order Now

Ordering designation	Anchor size	Anchor length	Drill bit diameter	Base plate clearance hole	Sales pack quantity	Item number
HAS-U A4 M8x80	M8	80mm	10mm	9mm	20pc	**2223864**
HAS-U A4 M8x110	M8	110mm	10mm	9mm	20pc	**2223865**
HAS-U A4 M8x150	M8	150mm	10mm	9mm	20pc	**2223866**
HAS-U A4 M10x95	M10	95mm	12mm	9mm	20pc	**2223836**
HAS-U A4 M10x115	M10	115mm	12mm	12mm	20pc	**2223837**[1)]
HAS-U A4 M10x130	M10	130mm	12mm	12mm	20pc	**2223838**
HAS-U A4 M10x170	M10	170mm	12mm	12mm	20pc	**2223839**[1)]
HAS-U A4 M10x190	M10	190mm	12mm	12mm	20pc	**2223840**
HAS-U A4 M10x220	M10	220mm	12mm	12mm	20pc	**2223841**[1)]
HAS-U A4 M12x110	M12	110mm	14mm	14mm	20pc	**2223842**[1)]
HAS-U A4 M12x120	M12	120mm	14mm	14mm	20pc	**2223843**[1)]
HAS-U A4 M12x160	M12	160mm	14mm	14mm	20pc	**2223844**
HAS-U A4 M12x180	M12	180mm	14mm	14mm	20pc	**2223845**[1)]
HAS-U A4 M12x200	M12	200mm	14mm	14mm	20pc	**2223846**[1)]
HAS-U A4 M12x220	M12	220mm	14mm	14mm	20pc	**2223847**
HAS-U A4 M12x260	M12	260mm	14mm	14mm	20pc	**2223919**[1)]
HAS-U A4 M12x300	M12	300mm	14mm	14mm	20pc	**2223920**
HAS-U A4 M16x150	M16	150mm	18mm	18mm	20pc	**2223848**[1)]
HAS-U A4 M16x165	M16	165mm	18mm	18mm	20pc	**2223849**[1)]
HAS-U A4 M16x190	M16	190mm	18mm	18mm	20pc	**2223850**
HAS-U A4 M16x220	M16	220mm	18mm	18mm	20pc	**2223851**
HAS-U A4 M16x260	M16	260mm	18mm	18mm	10pc	**2223921**[1)]
HAS-U A4 M16x300	M16	300mm	18mm	18mm	10pc	**2223922**[1)]
HAS-U A4 M16x350	M16	350mm	18mm	18mm	10pc	**2223923**[1)]
HAS-U A4 M16x380	M16	380mm	18mm	18mm	10pc	**2223924**
HAS-U A4 M20x180	M20	180mm	22mm	22mm	10pc	**2223925**[1)]
HAS-U A4 M20x240	M20	240mm	22mm	22mm	10pc	**2223926**
HAS-U A4 M20x260	M20	260mm	22mm	22mm	10pc	**2223927**
HAS-U A4 M20x300	M20	300mm	22mm	22mm	10pc	**2223928**[1)]
HAS-U A4 M20x350	M20	350mm	22mm	22mm	10pc	**2223929**[1)]
HAS-U A4 M20x400	M20	400mm	22mm	22mm	10pc	**2223930**[1)]
HAS-U A4 M20x480	M20	480mm	22mm	22mm	10pc	**2223931**
HAS-U A4 M24x300	M24	300mm	28mm	26mm	5pc	**2223932**
HAS-U A4 M24x450	M24	450mm	28mm	26mm	5pc	**2223933**[1)]
HAS-U A4 M27x340	M27	340mm	30mm	30mm	5pc	**2223934**[1)]
HAS-U A4 M30x380	M30	380mm	35mm	33mm	5pc	**2223935**[1)]

[1)] For detailed stock availability and 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

Order Now

Ordering designation	Anchor size	Dill bit diameter	Drilling depth	Max. fixture thickness at standard embedment depth	Base plate clearance hole	Sales pack quantity	Item number
HAS-E-R M8x80/114	M8	10 mm	80 mm	14 mm	9mm	10 pc	**333121**[1)]
HAS-E-R M33x300/80	M33	37 mm	300 mm	80 mm	36 mm	4 pc	**333140**[1)]

[1)] For detailed stock availability and 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	Dill bit diameter	Drilling depth	Max. fixture thickness at standard embedment depth	Base plate clearance hole	Sales pack quantity	Item number
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)]
HAS-E-HCR M24X210/54	M24	26 mm	210 mm	54 mm	26 mm	5 pc	**229510**[1)]

[1)] For detailed stock availability and 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, seismic	ETA 04/0027 for HIT-RE 500 V3 injection mortar for anchoring applications (ETAG 001-05, Option 7)
	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

Order Now

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, seismic	ETA 04/0027 for HIT-RE 500 V3 injection mortar for anchoring applications (ETAG 001-05, Option 7)
	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

Order Now

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.

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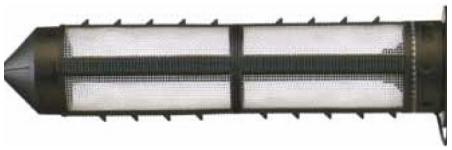
Composite mesh sleeve HIT-SC (for the use with HIT-HY 270)



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	16 mm	60 mm	20 pc	**360485**[1)]
HIT-SC 18x85	18	M12	18 mm	95 mm	20 pc	**360486**[1)]
HIT-SC 22x50	22	M12	22 mm	60 mm	100 pc	**273662**[1)]

[1)] For detailed stock availability and 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)



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	Dill bit diameter	Max. fixture thickness at standard embedment depth	Base plate clearance hole	Required tightening torque	Sales pack quantity	Item number
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 mm	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 mm	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)] For detailed stock availability and 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)



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

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Ordering designation	Anchor size	Dill bit diameter	Max. fixture thickness at standard embedment depth	Required tightening torque	Sales pack quantity	Item number
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 mm	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 mm	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 M20x250	M20	22 mm	126 mm	150 Nm	6 pc	**2018439**[1)]

[1)] For detailed stock availability and 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 zinced	M8	1000 mm	10 mm	9 mm	20 pc	**407496**
AM10X1000 8.8 zinced	M10	1000 mm	12 mm	12 mm	20 pc	**407497**
AM12X1000 8.8 zinced	M12	1000 mm	14 mm	14 mm	15 pc	**407498**
AM16X1000 8.8 zinced	M16	1000 mm	18 mm	18 mm	5 pc	**407499**
AM20X1000 8.8 zinced	M20	1000 mm	24 mm	22 mm	5 pc	**407500**
AM24X1000 8.8 zinced	M24	1000 mm	28 mm	26 mm	5 pc	**407501**
AM27X1000 8.8 zinced	M27	1000 mm	30 mm	30 mm	1 pc	**2008138**
AM30X1000 8.8 zinced	M30	1000 mm	35 mm	33 mm	1 pc	**2008139**[1)]
AM33X1000 8.8 zinced	M33	1000 mm	37 mm	36 mm	1 pc	**2008330**[1)]
AM36X1000 8.8 zinced	M36	1000 mm	40 mm	39 mm	1 pc	**2008331**[1)]
AM39X1000 8.8 zinced	M39	1000 mm	42 mm	42 mm	1 pc	**2008332**[1)]

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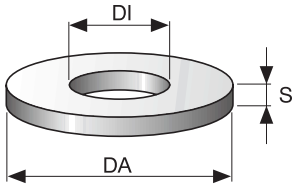
Flat washer (Galvanized)



Technical data	
Hardness	200 HV
Surface finished	zinc-plated
Standard (washer)	ISO 7089 / DIN 125

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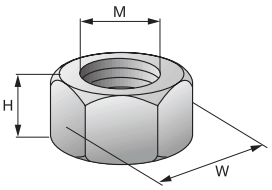
Ordering designation	Anchor size	Inside diameter - DI	Outside diameter - DA	Cross section thickness - s	Sales pack quantity	Item number
A8,4/16 zinced	M8	8.4 mm	16 mm	1.6 mm	200 pc	**2184556**
A10,5/20 zinced	M10	10.5 mm	20 mm	2 mm	150 pc	**2184511**
A13/24 zinced	M12	13 mm	24 mm	2.5 mm	100 pc	**2184512**
A17/30 zinced	M16	17 mm	30 mm	3 mm	100 pc	**282853**
A25/44 zinced	M24	25 mm	44 mm	4 mm	50 pc	**2184515**
A28/50 zinced	M27	28 mm	50 mm	4 mm	100 pc	**2008282**
A31/56 zinced	M30	31 mm	56 mm	4 mm	100 pc	**2008283**[1)]
A34/60 zinced	M33	34 mm	60 mm	5 mm	50 pc	**2048043**
A37/66 zinced	M36	37 mm	66 mm	5 mm	50 pc	**2048044**
A42/72 zinced	M39	42 mm	72 mm	6 mm	50 pc	**2008286**[1)]

[1)] For detailed stock availability and lead time information please contact your Hilti representative.

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

Hexagon nut (Galvanized)

Technical data	
Material composition	Class 8
Surface finished	zinc-plated
Standard (Nut)	DIN 934



Order Now

Ordering designation	Thread - M	Height - H	Wrench size - W	Sales pack quantity	Item number
M8 zinced	M8	7 mm	13 mm	100 pc	**2184504**
M10 zinced	M10	8 mm	17 mm	100 pc	**2184505**
M12 zinced	M12	10 mm	19 mm	50 pc	**2184554**
M16 zinced	M16	13 mm	24 mm	50 pc	**2184506**
M20 zinced	M20	16 mm	30 mm	25 pc	**2184507**
M24 zinced	M24	19 mm	36 mm	25 pc	**2184508**
M27 zinced	M27	22 mm	41 mm	25 pc	**362307**
M30 zinced	M30	24 mm	46 mm	25 pc	**362309**[1)]
M33 zinced	M33	26 mm	50 mm	20 pc	**362134**
M36 zinced	M36	29 mm	55 mm	10 pc	**362135**
M39 zinced	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

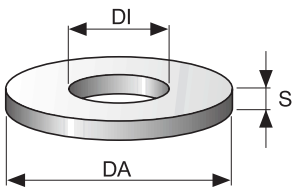
Ordering designation	Anchor size	Length	Drill bit Diameter	Base plate clearance hole	Sales pack quantity	Item number
AM10X 1000 8.8 HDG	M10	1000 mm	12 mm	12 mm	20 pc	**419102**
AM12X 1000 8.8 HDG	M12	1000 mm	14 mm	14 mm	15 pc	**419103**
AM16X 1000 8.8 HDG	M16	1000 mm	18 mm	18 mm	5 pc	**419104**
AM27X 1000 8.8 HDG	M27	1000 mm	30 mm	30 mm	120 pc	**2008338**[1)]
AM30X 1000 8.8 HDG	M30	1000 mm	35 mm	35 mm	100 pc	**2008339**[1)]
AM33X 1000 8.8 HDG	M33	1000 mm	37 mm	37 mm	80 pc	**2008340**[1)]
AM36X 1000 8.8 HDG	M36	1000 mm	40 mm	40 mm	80 pc	**2008341**[1)]

[1)] For detailed stock availability and 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

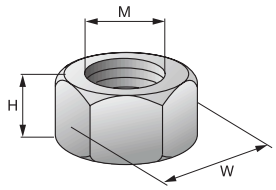
Ordering designation	Anchor size	Inside diameter - DI	Outside diameter - DA	Cross section thickness - s	Sales pack quantity	Item number
A 10,5/20-F	M10	10.5 mm	20 mm	2 mm	150 pc	**2184530**
A 13/24-F	M12	13 mm	24 mm	2.5 mm	100 pc	**2184531**
A 17/30-F	M18	17 mm	30 mm	3 mm	50 pc	**2184532**
A 21/37-F	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)]

[1)] For detailed stock availability and 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 infomation, 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

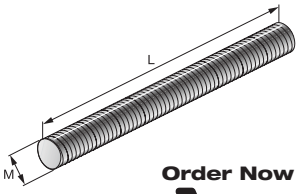
Ordering designation	Thread - M	Height - H	Wrench size - W	Sales pack quantity	Item number
M10-F	M10	8 mm	17 mm	100 pc	**304765**
M24-F	M24	19 mm	36 mm	50 pc	**2008236**
M27-F	M27	22 mm	41 mm	25 pc	**2008237**[1)]
M30-F	M30	24 mm	46 mm	25 pc	**2008238**[1)]
M33-F	M33	26 mm	50 mm	10 pc	**2008239**[1)]
M36-F	M36	29 mm	55 mm	10 pc	**2008290**[1)]

[1)] For detailed stock availability and 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 infomation, 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



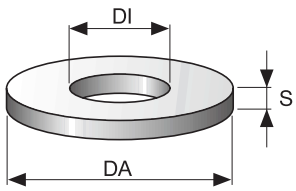
Order Now

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)

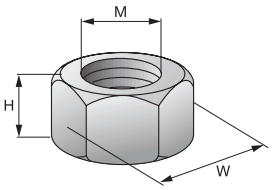
Technical data	
Hardness	200 HV
Material, corrosion	Stainles steel A4
Standard (washer)	ISO 7089 / DIN 125



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	200 pc	**2184478**
A 10,5/20 A4	M10	10.5 mm	20 mm	2 mm	150 pc	**2184477**
A 13/24 A4	M12	13 mm	24 mm	2.5 mm	100 pc	**2184549**
A 17/30 A4	M16	17 mm	30 mm	3 mm	50 pc	**2184535**
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
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

Technical data	
Dispenser, setting tool, accessory, tester type	Cleaning accessories

ADVANTAGES

- Fast, effective cleaning of drilled holes

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)] For detailed stock availability and lead time information please contact your Hilti representative.

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

Accessories for brushing



HIT-RBH



Round steel brush HIT-RB

APPLICATIONS

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

Technical data	
Dispenser, setting tool, accessory, tester type	Cleaning accessories

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 extention 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**[1)]
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)] 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 (For HVU2 installation)





APPLICATIONS

- Setting tool for installing HVU2 with HAS

Approvals	
ETA	ETA-18/0185 HVU2 bonded fastener for use in concrete

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

Technical data	
Dispenser, setting tool, accessory, tester type	Setting tools

Ordering designation	Connection end	Sales pack quantity	Item number
TE-C M8 - M16	TE-C	1 pcs	**2181356**

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

Setting tool TE-C-E (For HVU2 installation)



APPLICATIONS

- Setting tool for installing HVU2 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 HVU2 installation)



APPLICATIONS

- Setting tool for installing HVU2 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)] For detailed stock availability and 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 HVU2 installation)



APPLICATIONS

- Setting tool for installing HVU2 with HIS-N

Technical data	
Dispenser, setting tool, accessory, tester type	Setting tools

Order Now

Ordering designation	Sales pack quantity	Item number
HIS-S M12	1 pc	**45966**[1)]
HIS-S M16	1 pc	**45967**[1)]

[1)] For detailed stock availability and 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

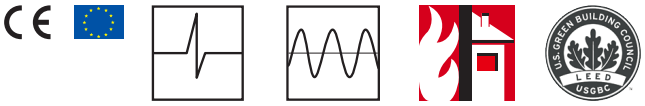
- Safety-relevant, heavy-duty fastenings for all dynamic loading (shock, seismic and fatigue) in cracked or uncracked concrete, including applications in nuclear power plants
- Fastenings to support heavy pipes, safety barriers, industrial machines, crane rails, dorm structures, crash barriers, roof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

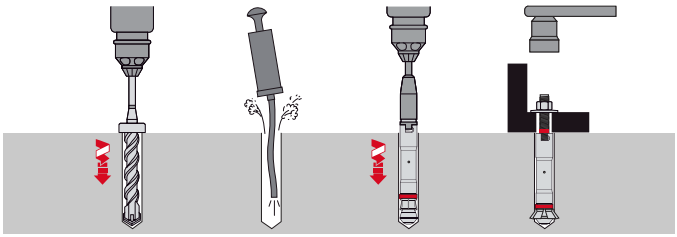
ADVANTAGES

- 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	11.7	25.0	31.7
	Shear Load, Vrec	21.7	26.7	46.7	68.3
HDA-TR	Tensile Load, Nrec	8.3	11.7	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)] For detailed stock availability and 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)] For detailed stock availability and 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

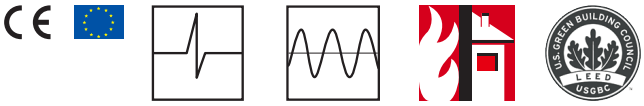
- Safety-relevant, heavy-duty fastenings for all dynamic loading (shock, seismic and fatigue) in cracked or uncracked concrete, including applications in nuclear power plants
- Fastenings to support heavy pipes, safety barriers, industrial machines, crane rails, dorm structures, crash barriers, roof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

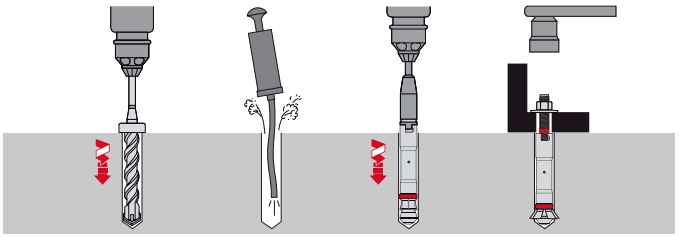
ADVANTAGES

- 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-P/ HDA-PF	Tensile Load, Nrec	15.3	22.3	42.0	64.0
	Shear Load, Vrec	7.3	10.0	20.7	30.7
HDA-PR	Tensile Load, Nrec	15.3	22.3	42.0	-
	Shear Load, Vrec	7.7	11.3	21.0	-

Recommended load (kN), cracked concrete at 25N/mm², safety factor(γ)=3

Model	Size	M10	M12	M16	M20
HDA-P/ HDA-PF	Tensile Load, Nrec	8.3	11.7	25.0	31.7
	Shear Load, Vrec	7.3	10.0	20.6	30.7
HDA-PR	Tensile Load, Nrec	8.3	11.7	25.0	-
	Shear Load, Vrec	7.7	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 M12x125/30	M12	190 mm	22 mm	133 mm	125 mm	30 mm	14 mm	80 Nm	8 pc	**412901**[1)]
HDA-PF M16x190/60	M16	295 mm	30 mm	203 mm	190 mm	60 mm	18mm	120 Nm	4 pc	**339360**[1)]

[1)] For detailed stock availability and 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

 TE-C Connection  TE-Y Connection

Anchor description	TE 30-C-AVR	TE 40	TE 60-ATC / AVR	TE 70-ATC / AVR	Stop drill bit description	Setting tool description
			max impact energy			
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-C Connection: TE 30-C-AVR	TE-C Connection: TE 40	TE-Y Connection: TE 60-ATC / AVR (max impact energy)	TE-Y Connection: TE 70-ATC / AVR (max impact energy)	Stop drill bit description	Setting tool description
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-PF 30-M16x190/60				■	TE-Y-HDA-B 30x190	TE-Y-HDA-ST 30 M16

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

SDS plus



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

SDS max



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)]

[1)] For detailed stock availability and 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**

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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 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] For detailed stock availability and 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

CE

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)]
Filling set M16 A4 stnls.	M16	Stainless steel A4	24 pc	**2127896**[1)]

[1)] For detailed stock availability and lead time information please contact your Hilti representative.

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

Heavy-duty expansion anchor HSL4





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.

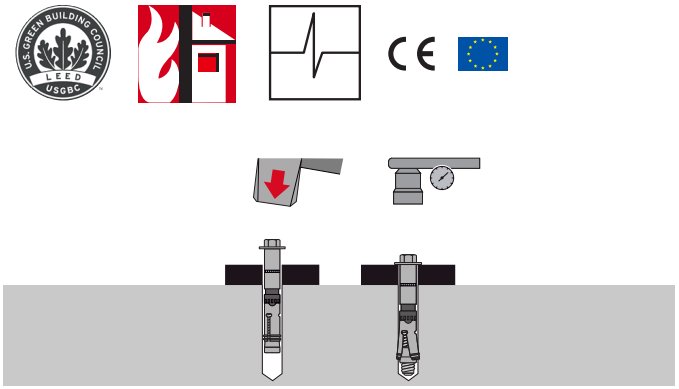
ADVANTAGES

- High tension and shear load capacities
- Force-controlled expansion which allows follow-up expansion

Technical data	
Material composition	(Galvanised) Bolt; steel, 8.8 grade, zinc plated (min. 5µm)
Head configuration	Hexagonal bolt, stud, countersunk and torque control
Type of fastening	Through-fastening
Approvals / Test reports	ET, Fatigue, Fire, Nucle-ar (NQA-1). Seismic

Approvals	
ETA	ETA 19/0556 & ETA 19/0858 for HSL4 heavy-duty expansion 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.

Technical data

Recommended load (kN), concrete grade 25N/mm², standard embedment depth, safety factor(γ)=3

		Un-cracked concrete						Cracked Concrete					
	Model	**M8**	**M10**	**M12**	**M16**	**M20**	**M24**	**M8**	**M10**	**M12**	**M16**	**M20**	**M24**
Tension	HSL-4/HSL-4-G/HSL-4-SK[4]/HSL-4-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
Shear	HSL-3/HSL-3-SK[4]/HSL-3-B	10.4	20.2	29.9	33.7	62	68.3	10.4	18.3	20.2	33.7	62	44.1
	HSL-3-G	8.7	13.9	19.8	33.7	51.7	68.3	8.7	13.9	19.8	24.0	51.7	68.3
	HSL-3-GR	4.9	7.7	11.2	-	-	-	4.9	7.7	11.2	-	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-4-SK only available in sizes M8-M12

Heavy-duty wedge anchor HSL4



Order Now

Ordering designation	Anchor length	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-4 M8/5	82	M8	12 mm	80 mm	60 mm	5 mm	14 mm	25 Nm	40 pc	**2237420**
HSL-4 M8/20	97	M8	12 mm	80 mm	60 mm	20 mm	14 mm	25 Nm	40 pc	**2237399**
HSL-4 M8/40	117	M8	12 mm	80 mm	60 mm	40 mm	14 mm	25 Nm	40 pc	**2237400**
HSL-4 M10/5	94	M10	15 mm	90 mm	70 mm	5 mm	17 mm	25 Nm	20 pc	**2237417**
HSL-4 M10/20	109	M10	15 mm	90 mm	70 mm	20 mm	17 mm	25 Nm	20 pc	**2237418**
HSL-4 M10/40	129	M10	15 mm	90 mm	70 mm	40 mm	17 mm	25 Nm	20 pc	**2237416**
HSL-4 M12/5	111	M12	18 mm	105 mm	80 mm	5 mm	20 mm	60 Nm	20 pc	**2237411**
HSL-4 M12/25	131	M12	18 mm	105 mm	80 mm	25 mm	20 mm	60 Nm	20 pc	**2237412**
HSL-4 M12/50	156	M12	18 mm	105 mm	80 mm	50 mm	20 mm	60 Nm	10 pc	**2237410**
HSL-4 M16/10	138	M16	24 mm	125 mm	100 mm	10 mm	26 mm	75 Nm	10 pc	**2237409**
HSL-4 M16/25	153	M16	24 mm	125 mm	100 mm	25 mm	26 mm	75 Nm	10 pc	**2237408**
HSL-4 M16/50	178	M16	24 mm	125 mm	100 mm	50 mm	26 mm	75 Nm	10 pc	**2237407**
HSL-4 M20/10	163	M20	28 mm	155 mm	125 mm	10 mm	31 mm	145 Nm	6 pc	**2237406**
HSL-4 M20/30	183	M20	28 mm	155 mm	125 mm	30 mm	31 mm	145 Nm	6 pc	**2237405**
HSL-4 M20/60	213	M20	28 mm	155 mm	125 mm	60 mm	31 mm	145 Nm	6 pc	**2237404**
HSL-4 M24/10	185	M24	32 mm	180 mm	150 mm	10 mm	35 mm	210 Nm	4 pc	**2237403**
HSL-4 M24/30	205	M24	32 mm	180 mm	150 mm	30 mm	35 mm	210 Nm	4 pc	**2237402**
HSL-4 M24/60	235	M24	32 mm	180 mm	150 mm	60 mm	35 mm	210 Nm	4 pc	**2237428**

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Heavy-duty wedge anchor HSL4-B



Order Now

Ordering designation	Anchor length	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	Sales pack quantity	Item number
HSL-4-B M12/5	121	M12	18 mm	105 mm	80 mm	5 mm	20 mm	20 pc	**2237422**
HSL-4-B M12/25	141	M12	18 mm	105 mm	80 mm	25 mm	20 mm	20 pc	**2237421**
HSL-4-B M12/50	166	M12	18 mm	105 mm	80 mm	50 mm	20 mm	10 pc	**2237423**
HSL-4-B M16/10	151	M16	24 mm	125 mm	100 mm	10 mm	26 mm	10 pc	**2237424**
HSL-4-B M16/25	166	M16	24 mm	125 mm	100 mm	25 mm	26 mm	10 pc	**2237425**
HSL-4-B M16/50	191	M16	24 mm	125 mm	100 mm	50 mm	26 mm	10 pc	**2237426**
HSL-4-B M20/10	178	M20	28 mm	155 mm	125 mm	10 mm	31 mm	6 pc	**2237429**
HSL-4-B M20/30	198	M20	28 mm	155 mm	125 mm	30 mm	31 mm	6 pc	**2237430**
HSL-4-B M20/60	228	M20	28 mm	155 mm	125 mm	60 mm	31 mm	6 pc	**2237431**
HSL-4-B M24/10	203	M24	32 mm	180 mm	150 mm	10 mm	35 mm	4 pc	**2237371**
HSL-4-B M24/30	223	M24	32 mm	180 mm	150 mm	30 mm	35 mm	4 pc	**2237372**
HSL-4-B M24/60	231	M24	32 mm	180 mm	150 mm	60 mm	35 mm	4 pc	**2237432**

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Heavy-duty wedge anchor HSL4-G



Order Now

Ordering designation	Anchor Length	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-4-G M8/5	92	M8	12mm	80mm	60mm	5mm	14mm	25 Nm	40pc	**2237458**
HSL-4-G M8/20	107	M8	12mm	80mm	60mm	20mm	14mm	25 Nm	40pc	**2237456**
HSL-4-G M8/40	127	M8	12mm	80mm	60mm	40mm	14mm	25 Nm	40pc	**2237457**
HSL-4-G M8/100	187	M8	12mm	80mm	60mm	100mm	14mm	25 Nm	20pc	**2237455**
HSL-4-G M10/5	106	M10	15mm	90mm	70mm	5mm	17mm	27 Nm	20pc	**2237437**
HSL-4-G M10/20	121	M10	15mm	90mm	70mm	20mm	17mm	27 Nm	20pc	**2237435**
HSL-4-G M10/40	141	M10	15mm	90mm	70mm	40mm	17mm	27 Nm	20pc	**2237436**
HSL-4-G M10/100	201	M10	15mm	90mm	70mm	100mm	17mm	27 Nm	20pc	**2237434**
HSL-4-G M12/5	127	M12	18mm	105mm	80mm	5mm	20mm	60 Nm	20pc	**2237441**
HSL-4-G M12/25	147	M12	18mm	105mm	80mm	25mm	20mm	60 Nm	20pc	**2237440**
HSL-4-G M12/50	172	M12	18mm	105mm	80mm	50mm	20mm	60 Nm	20pc	**2237442**
HSL-4-G M12/100	222	M12	18mm	105mm	80mm	100mm	20mm	60 Nm	10pc	**2237439**
HSL-4-G M16/10	160	M16	24mm	125mm	100mm	10mm	26mm	75 Nm	10pc	**2237450**
HSL-4-G M16/25	175	M16	24mm	125mm	100mm	25mm	26mm	75 Nm	10pc	**2237444**
HSL-4-G M16/50	200	M16	24mm	125mm	100mm	50mm	26mm	75 Nm	10pc	**2237445**
HSL-4-G M16/100	260	M16	24mm	125mm	100mm	100mm	26mm	75 Nm	10pc	**2237451**
HSL-4-G M20/10	185	M20	28mm	155mm	125mm	10mm	31mm	105 Nm	6pc	**2237447**
HSL-4-G M20/30	205	M20	28mm	155mm	125mm	30mm	31mm	105 Nm	6pc	**2237449**
HSL-4-G M20/60	235	M20	28mm	155mm	125mm	60mm	31mm	105 Nm	6pc	**2237373**
HSL-4-G M20/100	275	M20	28mm	155mm	125mm	100mm	31mm	105 Nm	6pc	**2237448**
HSL-4-G M24/10	210	M24	32mm	180mm	150mm	10mm	35mm	180 Nm	4pc	**2237452**
HSL-4-G M24/30	230	M24	32mm	180mm	150mm	30mm	35mm	180 Nm	4pc	**2237453**
HSL-4-G M24/60	260	M24	32mm	180mm	150mm	60mm	35mm	180 Nm	4pc	**2237454**

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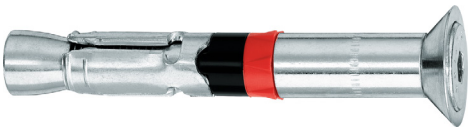
Heavy-duty wedge anchor HSL4-SK



Order Now

Ordering designation	Anchor length	Anchor size	Drill bit diameter	Min. drilling depth for standard anchorage	Anchorage depth	Min. fixture thickness	Base plate clearance hole	Required tightening torque	Sales pack quantity	Item number
HSL-4-SK M8/10	80	M8	12 mm	80 mm	60 mm	6 mm	14 mm	20 Nm	40 pc	**2237397**
HSL-4-SK M8/20	90	M8	12 mm	80 mm	60 mm	6 mm	14 mm	20 Nm	40 pc	**2237398**
HSL-4-SK M10/20	100	M10	15 mm	90 mm	70 mm	6 mm	17 mm	32 Nm	20 pc	**2237395**
HSL-4-SK M12/25	120	M12	18 mm	105 mm	80 mm	8 mm	20 mm	65 Nm	20 pc	**2237396**

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

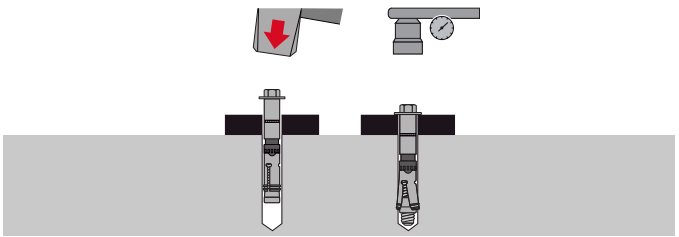
- High tension and shear load capacities
- Force-controlled expansion which allows follow-up expansion

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

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

Recommended load (kN), concrete grade 25N/mm², standard embedment depth, safety factor(γ)=3

		Un-cracked concrete						Cracked Concrete					
	Model	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-R (Hexagonal bolt head, stainless steel A4)



Order Now

Ordering designation	Anchor Length	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/-/-	98	M8	12 mm	20 mm	-	80 mm	-	14 mm	25 Nm	40 pc	**2159877**[1)]
HSL-3-R M8 40/20/-	118	M8	12 mm	40 mm	20 mm	80 mm	100 mm	14 mm	25 Nm	40 pc	**2159878**[1)]
HSL-3-R M10 20/-/-	110	M10	15 mm	20 mm	-	90 mm	-	17 mm	35 Nm	20 pc	**2159980**[1)]
HSL-3-R M10 40/20/-	130	M10	15 mm	40 mm	20 mm	90 mm	110 mm	17 mm	35 Nm	20 pc	**2159981**[1)]
HSL-3-R M12 25/-/-	131	M12	18 mm	25 mm	-	105 mm	-	20 mm	80 Nm	20 pc	**2159983**
HSL-3-R M12 50/25/-	156	M12	18 mm	50 mm	25 mm	105 mm	130 mm	20 mm	80 Nm	10 pc	**2159984**
HSL-3-R M16 25/-/-	153	M16	24 mm	25 mm	-	125 mm	-	26 mm	120 Nm	10 pc	**2159986**
HSL-3-R M16 50/25/-	178	M16	24 mm	50 mm	25 mm	125 mm	150 mm	26 mm	120 Nm	10 pc	**2159987**
HSL-3-R M20 30/-/-	183	M20	28 mm	30 mm	-	155 mm	-	31 mm	200 Nm	6 pc	**2159989**
HSL-3-R M20 60/30/-	213	M20	28 mm	60 mm	30 mm	155 mm	185 mm	31 mm	200 Nm	6 pc	**2159990**

[1)] For detailed stock availability and lead time information please contact your Hilti representative.

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

HSL-3-GR (Stud head, stainless steel A4)



Order Now

Ordering designation	Anchor Length	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/-/-	102	M8	12 mm	20 mm	-	-	80 mm	-	-	14 mm	30 Nm	40 pc	**2159992**[1)]
HSL-3-GR M8 100/80/60	182	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/-/-	115	M10	15 mm	20 mm	-	-	90 mm	-	-	17 mm	50 Nm	20 pc	**2159995**[1)]
HSL-3-GR M10 100/80/60	195	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/-/-	139	M12	18 mm	25 mm	-	-	105 mm	-	-	20 mm	80 Nm	20 pc	**2159998**
HSL-3-GR M12 100/75/50	214	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/-/-	163	M16	24 mm	25 mm	-	-	125 mm	-	-	26 mm	120 Nm	10 pc	**2160001**
HSL-3-GR M16 100/75/50	238	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/-/-	190	M20	28 mm	30 mm	-	-	155 mm	-	-	31 mm	200 Nm	6 pc	**2160004**
HSL-3-GR M20 100/70/40	260	M20	28 mm	100 mm	70 mm	40 mm	155 mm	185 mm	215 mm	31 mm	200 Nm	6 pc	**2160006**

[1)] For detailed stock availability and 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)



Order Now

Ordering designation	Anchor Length	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	80	M8	12 mm	10 mm	80 mm	22.5 mm	14 mm	18 Nm	40 pc	**2159873**[1)]
HSL-3-SKR M8/20	90	M8	12 mm	20 mm	80 mm	22.5 mm	14 mm	18 Nm	40 pc	**2159874**[1)]
HSL-3-SKR M10/20	102	M10	15 mm	20 mm	90 mm	25.5 mm	17 mm	50 Nm	20 pc	**2159875**[1)]
HSL-3-SKR M12/25	120	M12	18 mm	25 mm	105 mm	32.9 mm	20 mm	80 Nm	20 pc	**2159876**[1)]

[1)] For detailed stock availability and 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.

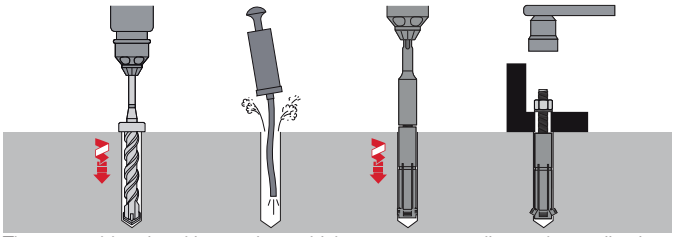
ADVANTAGES

- 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

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

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

Recommended load (kN), non-cracked concrete at 25N/mm², safety factor(γ)=3

Model	Size	M8x40	M8x50	M10x40	M12x60
HSC-A	Tensile Load, Nrec	4.3	5.9	4.3	7.8
	Shear Load, Vrec	4.9	4.9	7.7	11.2
HSC-AR	Tensile Load, Nrec	4.3	5.9	4.3	7.8
	Shear Load, Vrec	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, Nrec	3.0	4.2	3.0	5.6
	Shear Load, Vrec	4.9	4.9	6.1	11.2
HSC-AR	Tensile Load, Nrec	3.0	4.2	3.0	5.6
	Shear Load, Vrec	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)

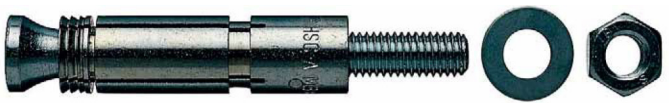


Order Now

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
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)



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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

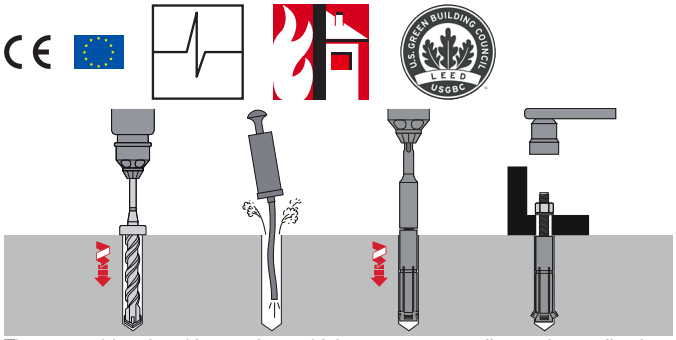
- Safety-relevant, medium-duty fastenings in cracked or uncracked concrete, especially where shallow embedment and/or small edge distance or close spacing is required
- Examples: stair hand rails, sprinkler pipes, air ducts, seating, facade substructures, car park barriers, etc.

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

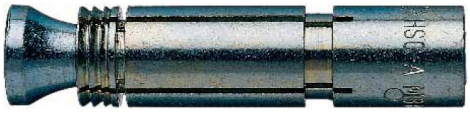
Model	Size	M6x40	M8x40	M8x50	M10x40	M12x60
HSC-I	Tensile Load, Nrec	4.3	4.3	5.9	7.8	7.8
	Shear Load, Vrec	2.7	4.1	5.1	5.1	6.1
HSC-IR	Tensile Load, Nrec	4.3	4.3	5.9	7.8	7.8
	Shear Load, Vrec	2.3	3.6	4.4	4.4	5.3

Recommended load (kN), cracked concrete at 25N/mm², safety factor(γ)=3

Model	Size	M6x40	M8x40	M8x50	M10x40	M12x60
HSC-I	Tensile Load, Nrec	3.0	3.0	4.2	5.6	5.6
	Shear Load, Vrec	2.7	4.1	5.1	5.1	6.1
HSC-IR	Tensile Load, Nrec	3.0	3.0	4.2	5.6	5.6
	Shear Load, Vrec	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.

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

HSC-IR (Stainless steel A4)



Order Now

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.

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

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**

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

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**

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

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
- Approved for use with two embedment depths included in the ETA

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

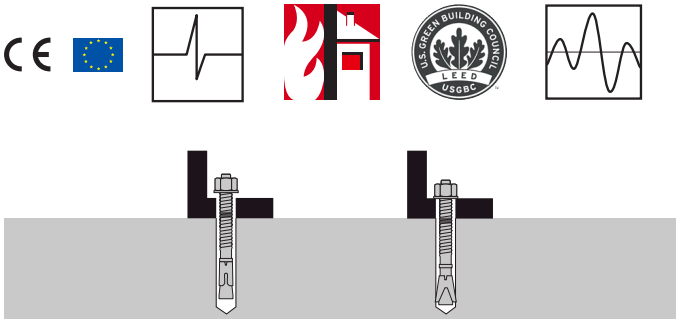
Recommended load (kN), cracked concrete at 25N/mm², safety factor(γ)=3

Model	Size	M8	M10	M12	M16	M20	M24
HST3	Tensile Load, Nrec	2.7	5.0	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	2.8	5.0	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 un-cracked concrete 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 shallower embedments

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.

HST3 (Galvanized min. 5 µm)



Order Now

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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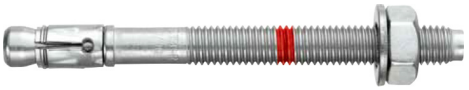
HST3-R (Stainless Steel A4)



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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)] For detailed stock availability and 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	**2105880**[1)]
HST3-R M16x300 200/180	M16	300 mm	16 mm	86 mm	106 mm	200 mm	180 mm	18 mm	110 Nm	12 pc	**2105881**[1)]
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	**2105902**[1)]

[1)] For detailed stock availability and lead time information please contact your Hilti representative.

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Setting tool and adaptive torque system



Fleet Management



① 

② 

③ 

Ordering designation	Wrench size	Length	Sales pack quantity	Item number
SI-S 1/2"-13 L ① ②	13 mm	80 mm	1 pc	**2070389**
SI-S 1/2"-17 L	17 mm	80 mm	1 pc	**2070392**
SI-S 1/2"-19 L	19 mm	80 mm	1 pc	**2070394**
HS-SC M8-M16 ③	-	-	1 pc	**2051443**

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Standard stud anchor HSA





BASE MATERIALS

- Concrete (uncracked)

APPLICATIONS

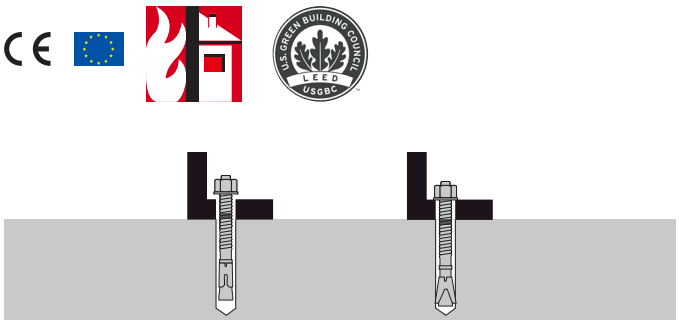
- Wide range of fastening applications in concrete
- Fastening facade brackets
- Fastening columns and beams
- Fastening brackets and channels

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 presetting 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.



These are abbreviated instructions which may vary according to the application.

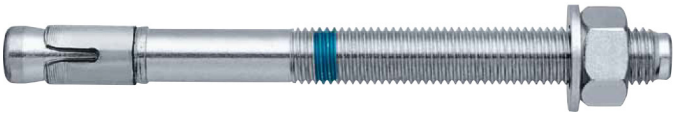
Technical data	
Material composition	(Galvanized) Steel, zinc-plated (min. 5 µm); (Hot-dip galvanized) Steel, hot-dip galvanized (min. 5 µm); (Stainless steel) Steel, A4(SS316), A2(SS304)
Head configuration	Externally threaded
Type of fastening	Pre-fastening, Through-fastening
Approvals / test reports	ETA, Fire

Recommended load (kN), non-cracked concrete at 25N/mm², safety factor(γ)=3

Model	Size	M6	M8	M10	M12	M16	M20
HSA	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	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, 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 shallower and deeper embedments

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 thick-ness at embed.1	Fastening thick-ness at embed.2	Fastening thick-ness at embed.3	Base plate clear-ance hole	Required tight-ening 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)] For detailed stock availability and 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 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**

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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)] For detailed stock availability and lead time information please contact your Hilti representative.

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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)] For detailed stock availability and lead time information please contact your Hilti representative.

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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

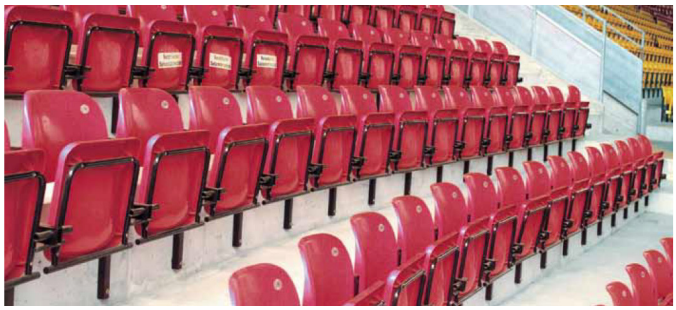
① ②



Ordering designation	Description	Outside diameter	Length	Package	Item no.
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)

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, Nrec	3.0	4.0	6.7	9.1
	Shear Load, Vrec	4.2	5.7	9.3	15.0

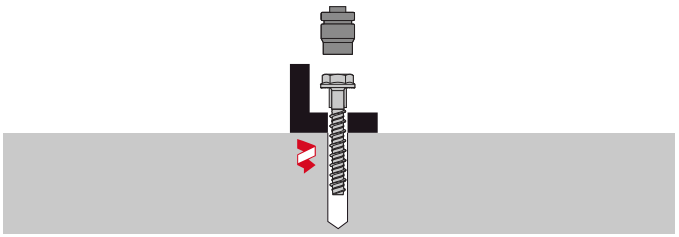
Recommended load (kN), cracked concrete at 25N/mm², safety factor(γ)=3

Model	Size	M6	M8	M10	M14 (HUS3-H only)
Standard embedment depth		-	60	75	85
HUS3-H/C	Tensile Load, Nrec	3)	3.0	5.4	6.5
	Shear Load, Vrec	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

Approvals	
ETA, Seismic	ETA-13/1038 for HUS3 screw anchor

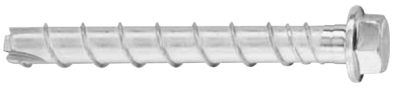
Approvals and test reports may apply to selected products only. Please refer to the documents for details.



These are abbreviated instructions which may vary according to the application.

Watch Video

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)] For detailed stock availability and lead time information please contact your Hilti representative.

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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)] For detailed stock availability and lead time information please contact your Hilti representative.

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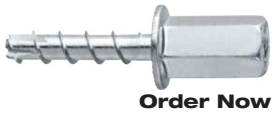
HUS3-I (Internally threaded, galvanized min. 5um)



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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)] For detailed stock availability and lead time information please contact your Hilti representative.

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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)] For detailed stock availability and lead time information please contact your Hilti representative.

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HUS3 setting tools and accessories



Ordering designation	Corresponding anchor	Sales pack quantity	Item number
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**
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

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, Nrec	3.0	5.3	8.3	13.4
	Shear Load, Vrec	5.7	8.7	11.0	25.7

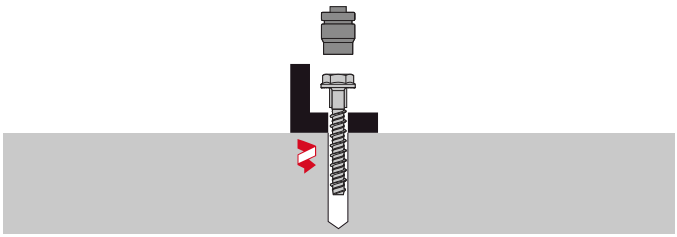
Recommended load (kN), cracked concrete at 25N/mm², safety factor(γ)=3

Model	Size	M6	M8	M10	M14 (HUS-HR only)
Standard embedment depth		55	80	90	110
HUS-HR/CR	Tensile Load, Nrec	3)	4.0	5.3	8.3
	Shear Load, Vrec	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

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.

Watch Video

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)] For detailed stock availability and lead time information please contact your Hilti representative.

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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.

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

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

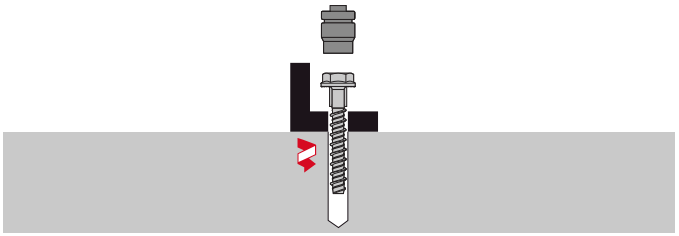
Recommended load (kN), non-cracked concrete at 25N/mm², safety factor(γ)=3

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**

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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 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) For detailed stock availability and 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)] For detailed stock availability and lead time information please contact your Hilti representative.

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HKD-SR (Stainless steel A4)



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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**

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HKD-ER (Without lip, stainless steel A4)



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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**

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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**

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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.

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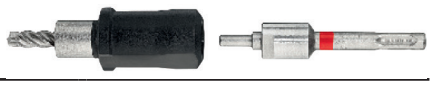
Auto setting tool for HKD anchors



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**

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Drop-in anchor HKV





BASE MATERIALS

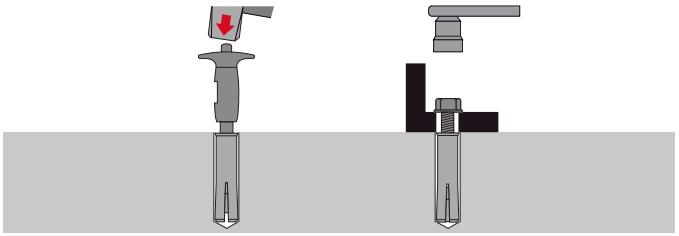
- Concrete (uncracked)

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, Nrec	1.4	2.0	2.0	3.0	4.2	8.8
	Shear Load, Vrec	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)] For detailed stock availability and lead time information please contact your Hilti representative.

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HKV-R2 (Stainless steel A2)



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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)] For detailed stock availability and 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

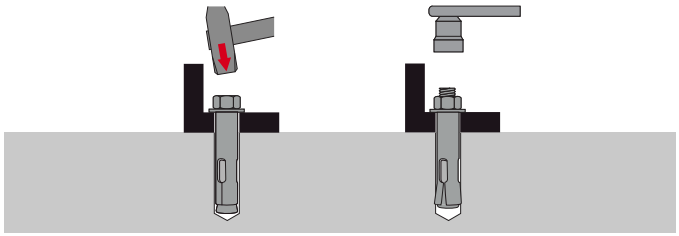
- Concrete (uncracked)
- Masonry (solid)

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 out of an overhead hole



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, Nrec	0.7	1.2	1.5	2.4	3.3	4.4
	Shear Load, Vrec	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	150mm	20 mm	M16	85 mm	95 mm	41 mm	80 Nm	21 mm	10 pc	**385835**[1)]
HLC 8X40/10 (M6) BUCKET	46mm	40mm	8 mm	M6	40 mm	10 mm	26 mm	8 Nm	10 mm	500 pc	**385815**
HLC 10X50/15 (M8) BUCKET	58mm	50mm	10 mm	M8	50 mm	15 mm	31 mm	25 Nm	12 mm	400 pc	**385821**
HLC 12X55/15 (M10) BUCKET	65mm	55mm	12 mm	M10	65 mm	15 mm	33 mm	40 Nm	14 mm	250 pc	**385826**
HLC 12X75/35 (M10) BUCKET	85mm	75mm	12 mm	M10	65 mm	35 mm	33 mm	40 Nm	14 mm	200 pc	**385828**

1) For detailed stock availability and 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 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 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)] For detailed stock availability and lead time information please contact your Hilti representative.

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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 6.5X65/40 (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 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)] For detailed stock availability and 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)] For detailed stock availability and 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)] For detailed stock availability and lead time information please contact your Hilti representative.

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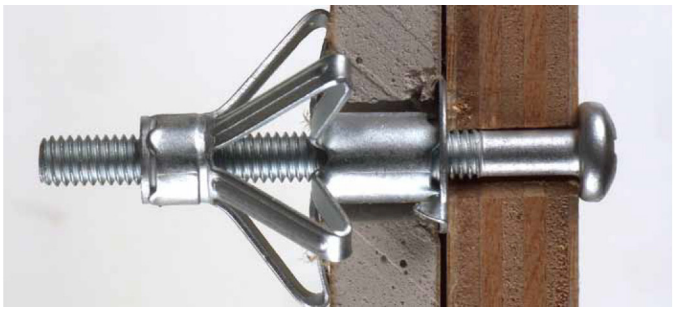
Cavity anchor HHD-S



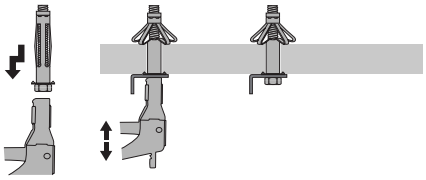


BASE MATERIALS

- Drywall
- Masonry (hollow)

ADVANTAGES

- Pre-assembled with screw
- Ergonomic setting tool for thread sizes M4 to M8
- Quick and trouble-free installation



These are abbreviated instructions which may vary according to the application.

Cavity anchor HHD-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)] For detailed stock availability and lead time information please contact your Hilti representative.

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

Setting tool HHD-S



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

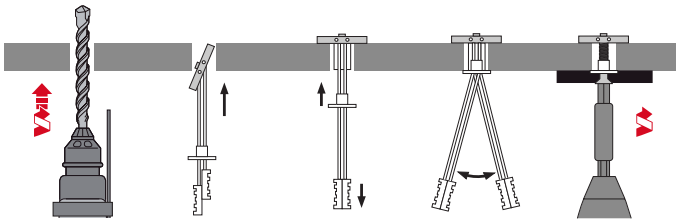
- Concrete (hollow deck)
- Drywall

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	**2158762**[1)]
HTB-2 M6	6 mm	14 mm	5 Nm	100 pc	**2158764**[1)]
HTB-2-S M5X60	5 mm	13 mm	3 Nm	100 pc	**2158763**[1)]
HTB-2-S M6X60	6 mm	14 mm	5 Nm	100 pc	**2158765**

[1)] For detailed stock availability and lead time information please contact your Hilti representative.

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Self-drilling drywall anchor HSP



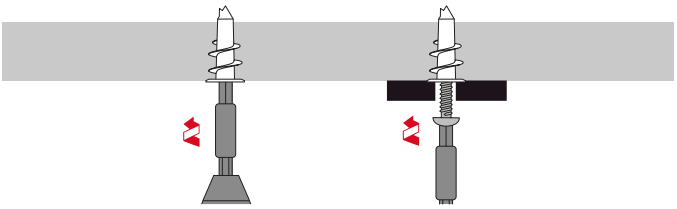


BASE MATERIALS

- Drywall

APPLICATIONS

- Plumbing
- Interior finishing
- Electrical installation



These are abbreviated instructions which may vary according to the application.

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

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

Ordering designation	Anchor length	Sales pack quantity	Item number
HSP	39 mm	100 pc	**2158777**[1)]
HSP-S	39 mm	100 pc	**2158778**[1)]

[1)] For detailed stock availability and lead time information please contact your Hilti representative.

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

8

Screwdriver bit HSP



ADVANTAGES

- For universal use on many materials, including perforated brick and block

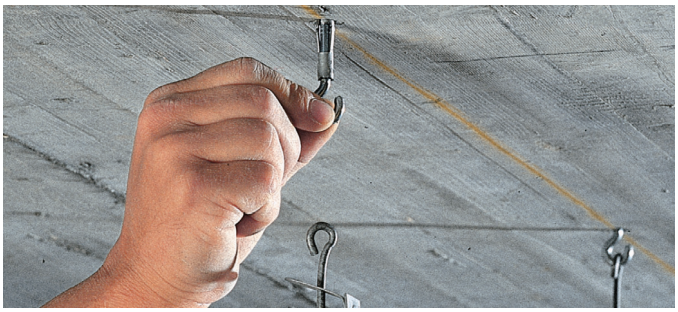
Technical data	
Dispenser, setting tool, accessory, tester type	Screwdrivers and accessories

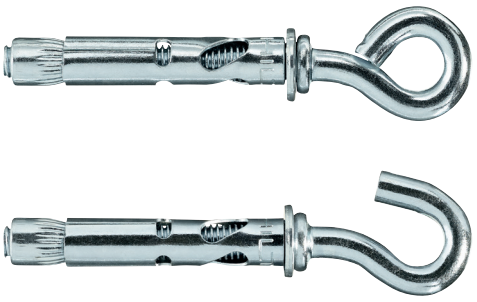
Ordering designation	Sales pack quantity	Item number
D-B PH2 HSP/HFP	5 pc	**332688**[1)]
D-B SQ HSP-G	5 pc	**332689**[1)]

[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 NG 8





BASE MATERIALS

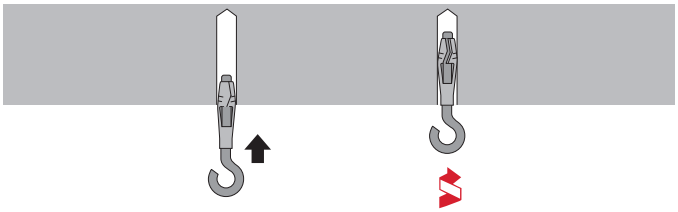
- Concrete (uncracked)

APPLICATIONS

- Suspensions from concrete ceilings e.g. suspended ceilings etc.

ADVANTAGES

- Time-saving, easy manual expansion
- Reliable thanks to automatic follow-up expansion



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

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

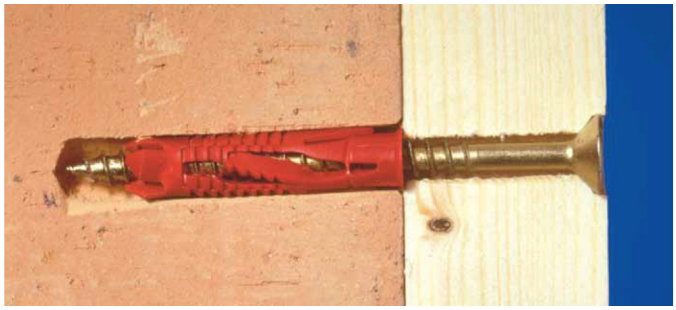
Remarks:
1) All the data applies to no edge distance, spacing and other influences
2) Holes must be produced by rotary drilling only

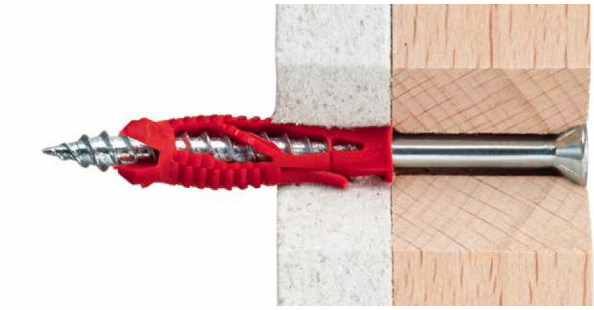
Order Now

Ordering designation	Anchor Size	Anchorage depth	Anchor length	Bolt diameter	Drill bit diameter	Drilling depth	Sales pack quantity	Item number
HA NG 8X45 H1	8 mm	35 mm	76 mm	5.4 mm	8 mm	55 mm	100 pc	**2230167**
HA NG 8X45 R1	8 mm	35 mm	76 mm	5.4 mm	8 mm	55 mm	100 pc	**2230166**

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)

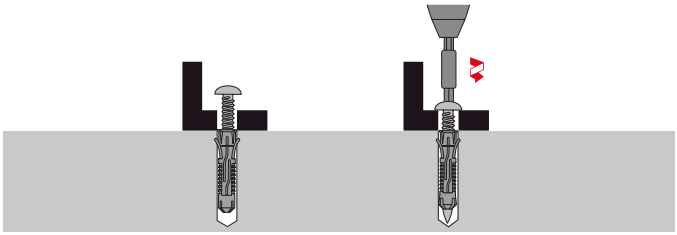
APPLICATIONS

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

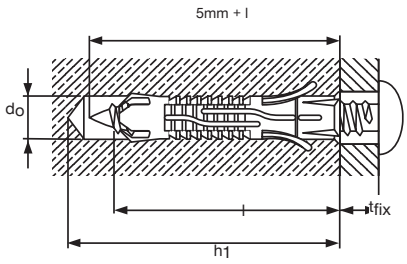
ADVANTAGES

- 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

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



These are abbreviated instructions which may vary according to the application.



Recommended load (kN), safety factor(γ)=5

Model	Size	5x25	6x30	8x40	10x50	12x60	14x70
HUD-1 at concrete 20 N/mm²	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 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(γ)=3

Model	Size	10x80	10x100	10x120	10x140
HRD-C (h_{ef}=70 mm) at concrete 15 N/mm²	Tensile Load, Nrec	2.0	2.0	2.0	2.0
	Shear Load, Vrec	3.5	3.5	3.5	3.5
HUD-1 at AAC block	Tensile Load, Nrec	1.0	1.0	1.0	1.0
	Shear Load, Vrec	1.2	1.2	1.2	1.2

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

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 thick-ness at embed.1	Fastening thick-ness at embed.2	Base plate clearance	Sales pack quantity	Item number
HRD-C 10x60	10 mm	60 mm	60 mm	-	50 mm	-	10 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	30 mm	10 mm	11 mm	50 pc	**423860**
HUD-C 10x100	10 mm	100 mm	60 mm	80 mm	50 mm	70 mm	10 mm	50 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	70 mm	50 mm	11 mm	50 pc	**423862**
HUD-C 10x140	10 mm	140 mm	60 mm	80 mm	50 mm	70 mm	10 mm	90 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	110 mm	90 mm	11 mm	50 pc	**423864**[1)]
HUD-C 10x180	10 mm	180 mm	60 mm	80 mm	50 mm	70 mm	10 mm	130 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	150 mm	130 mm	11 mm	50 pc	**423866**[1)]
HUD-C 10x230	10 mm	230 mm	60 mm	80 mm	50 mm	70 mm	10 mm	180 mm	160 mm	11 mm	50 pc	**423867**[1)]

[1)] For detailed stock availability and lead time information please contact your Hilti representative.

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

8

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.

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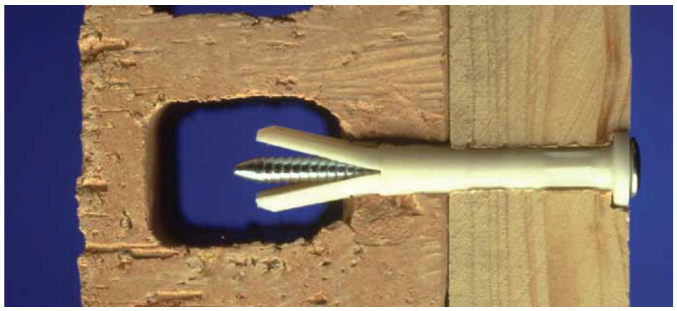
Impact anchor HPS



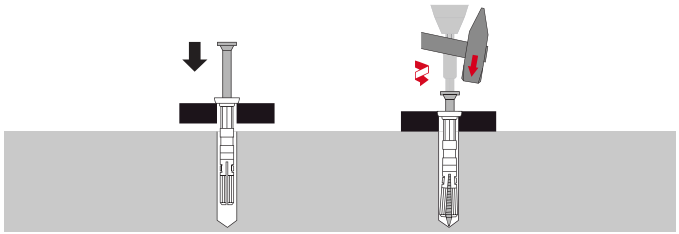


APPLICATIONS

- 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



These are abbreviated instructions which may vary according to the application.

Technical data	
Anchor type	Plastic anchor
Head configuration	Countersunk Phillips
Material composition	Body: polyamide, Screw: steel, zincplated (min. 5 µm) or stainless steel 304
Material, corrosion	Steel, zinc-plated
In-service temperature – range	-40 - 80 °C
Installation direction	All

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 block[2)]	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)] For detailed stock availability and lead time information please contact your Hilti representative.

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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 5/10X30	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 8/30X60	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)] For detailed stock availability and lead time information please contact your Hilti representative.

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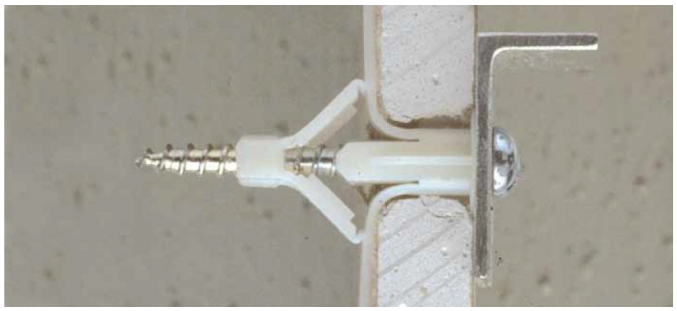
Light-duty anchor HLD





BASE MATERIALS

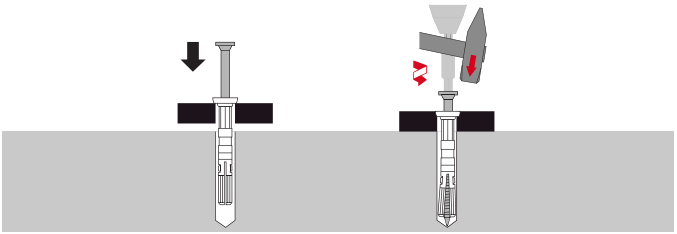
- Concrete (uncracked)
- Drywall
- Masonry (hollow)

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/mm²	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**

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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 HST3 M12 anchors
- Supplied pre-assembled (one piece), no need to assemble individual components

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

Technical data	
Dispenser, setting tool, accessory, tester type	Hoist anchor points

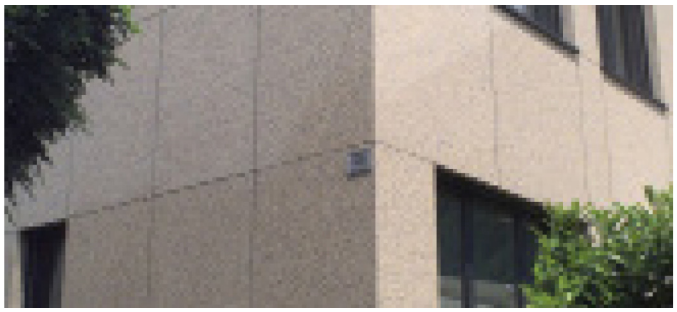


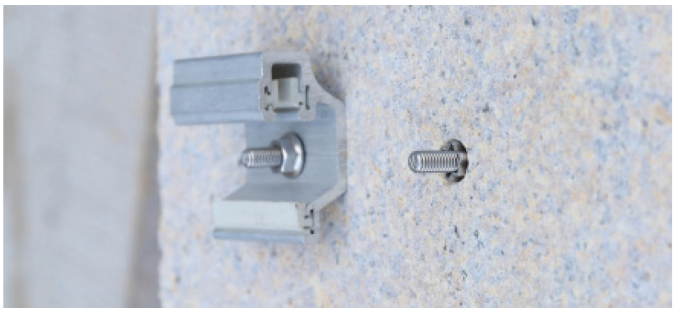
Order Now

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

Stone undercut anchor HSU-R





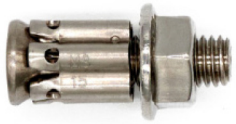
BASE MATERIALS
- Natural Stone

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

Order Now



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)] For detailed stock availability and lead time information please contact your Hilti representative.



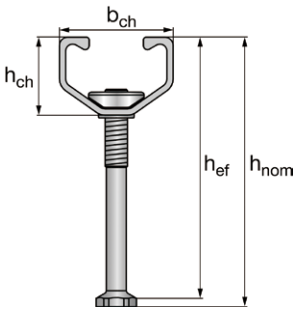
HSU-R setting tools and accessories

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**
Drill bit HSU CDB 11/13.5 conveyor	1 pc	**2179456**
Drill bit HSU CDB 13/15.5 conveyor	1 pc	**2179457**

[1)] For detailed stock availability and 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

Technical data	
Base material	Concrete
Environmental conditions	Indoor, damp conditions
Material composition	Steel, Hot-dip galvanized

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

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

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

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

HAC 70

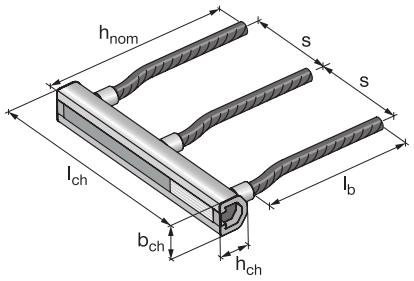
Ordering designation	Length, l_{ch}	Number of anchors	Anchor distance	Standard embedment depth, h_{ef}	Sales pack quantity	Item number
HAC-70 175/350 F	350 mm	3	150 mm	175 mm	1 pc	**431861**
HAC-70 175/450 F	450 mm	3	200 mm	175 mm	1 pc	**431862**
HAC-70 175/550 F	550 mm	3	250 mm	175 mm	1 pc	**431863**[1)]
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-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

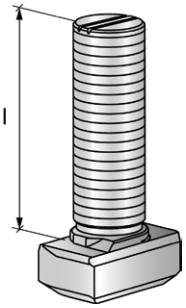
Ordering designation	Channel - Profile Height, h_{ch}	Channel - Profile Width, b_{ch}	Length, l_{ch}	Number of rebar	Rebar Leg Diameter	Rebar length, l_b	Effective embedment depth, h_{nom}	Sales pack quantity	Item number
HAC-40 372/350 F CRFoS	31 mm	41.9 mm	350 mm	3	Y10	325 mm	372 mm	1 pc	**2062945**[1)]
HAC-40 415/350 F CRFoS	35.5 mm	43.4 mm	350 mm	3	Y12	360 mm	415 mm	1 pc	**2070435**[1)]
HAC-40 444/350 F CRFoS	40 mm	45.4 mm	350 mm	3	Y16	380 mm	444 mm	1 pc	**2070268**

[1)] For detailed stock availability and lead time information please contact your Hilti representative.

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

Anchor channel HAC-C



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	Hop-dip galvanized and stainless steel A4

HAC-C (A4 stainless steel)

Ordering designation	T-head bolt size	Length, lch	Number of anchors	Standard embedment depth, hef	Sales pack quantity	Item number
HAC-C 40/22-300-A4	40/22	300	2	79 mm	1 pc	**2170266**[1)]
HAC-C 40/22-350-A4	40/22	350	3	79 mm	1 pc	**2170267**
HAC-C 40/22-400-A4	40/22	400	3	79 mm	1 pc	**2170268**[1)]
HAC-C 40/22-450-A4	40/22	450	3	79 mm	1 pc	**2170269**[1)]
HAC-C 40/22-550-A4	40/22	550	3	79 mm	1 pc	**2170360**[1)]
HAC-C 40/22-800-A4	40/22	800	4	79 mm	1 pc	**2170361**[1)]
HAC-C 40/22-1050-A4	40/22	1050	5	79 mm	1 pc	**2170362**
HAC-C 40/22-1300-A4	40/22	1300	6	79 mm	1 pc	**2170363**
HAC-C 40/22-1550-A4	40/22	1550	7	79 mm	1 pc	**2170364**[1)]
HAC-C 50/30-300-A4	50/30	300	2	94 mm	1 pc	**2170395**
HAC-C 50/30-350-A4	50/30	350	3	94 mm	1 pc	**2170396**
HAC-C 50/30-400-A4	50/30	400	3	94 mm	1 pc	**2170397**[1)]
HAC-C 50/30-450-A4	50/30	450	3	94 mm	1 pc	**2170398**[1)]
HAC-C 50/30-550-A4	50/30	550	3	94 mm	1 pc	**2170399**
HAC-C 50/30-800-A4	50/30	800	4	94 mm	1 pc	**2170400**[1)]
HAC-C 50/30-1050-A4	50/30	1050	5	94 mm	1 pc	**2170401**
HAC-C 50/30-1300-A4	50/30	1300	6	94 mm	1 pc	**2170402**
HAC-C 50/30-1550-A4	50/30	1550	7	94 mm	1 pc	**2170403**
HAC-C 52/34-300-A4	52/34	300	2	155 mm	1 pc	**2170256**[1)]
HAC-C 52/34-350-A4	52/34	350	3	155 mm	1 pc	**2170257**
HAC-C 52/34-400-A4	52/34	400	3	155 mm	1 pc	**2170258**[1)]
HAC-C 52/34-450-A4	52/34	450	3	155 mm	1 pc	**2170259**[1)]
HAC-C 52/34-550-A4	52/34	550	3	155 mm	1 pc	**2170410**
HAC-C 52/34-800-A4	52/34	800	4	155 mm	1 pc	**2170411**
HAC-C 52/34-1050-A4	52/34	1050	5	155 mm	1 pc	**2170412**

[1)] For detailed stock availability and lead time information please contact your Hilti representative.

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

HAC-C (Hot-dip galvanized)

Ordering designation	T-head bolt size	Length, lch	Number of anchors	Standard embedment depth, hef	Sales pack quantity	Item number
HAC-C 40/22-300-F	40/22	300	2	79 mm	1 pc	**2168472**[1)]
HAC-C 40/22-350-F	40/22	350	3	79 mm	1 pc	**2168473**
HAC-C 40/22-400-F	40/22	400	3	79 mm	1 pc	**2168474**[1)]
HAC-C 40/22-450-F	40/22	450	3	79 mm	1 pc	**2168475**[1)]
HAC-C 40/22-550-F	40/22	550	3	79 mm	1 pc	**2168476**[1)]
HAC-C 40/22-800-F	40/22	800	4	79 mm	1 pc	**2168477**[1)]
HAC-C 40/22-1050-F	40/22	1050	5	79 mm	1 pc	**2168478**
HAC-C 40/22-1300-F	40/22	1300	6	79 mm	1 pc	**2168479**
HAC-C 40/22-1550-F	40/22	1550	7	79 mm	1 pc	**2168480**[1)]
HAC-C 50/30-300-F	50/30	300	2	94 mm	1 pc	**2168524**
HAC-C 50/30-350-F	50/30	350	3	94 mm	1 pc	**2168525**
HAC-C 50/30-400-F	50/30	400	3	94 mm	1 pc	**2168526**[1)]
HAC-C 50/30-450-F	50/30	450	3	94 mm	1 pc	**2168527**[1)]
HAC-C 50/30-550-F	50/30	550	3	94 mm	1 pc	**2168528**
HAC-C 50/30-800-F	50/30	800	4	94 mm	1 pc	**2168529**[1)]
HAC-C 50/30-1050-F	50/30	1050	5	94 mm	1 pc	**2168530**
HAC-C 50/30-1300-F	50/30	1300	6	94 mm	1 pc	**2168531**
HAC-C 50/30-1550-F	50/30	1550	7	94 mm	1 pc	**2168532**
HAC-C 52/34-300-F	52/34	300	2	155 mm	1 pc	**2168542**[1)]
HAC-C 52/34-350-F	52/34	350	3	155 mm	1 pc	**2168543**
HAC-C 52/34-400-F	52/34	400	3	155 mm	1 pc	**2168544**[1)]
HAC-C 52/34-450-F	52/34	450	3	155 mm	1 pc	**2168545**[1)]
HAC-C 52/34-550-F	52/34	550	3	155 mm	1 pc	**2168546**
HAC-C 52/34-800-F	52/34	800	4	155 mm	1 pc	**2168547**[1)]
HAC-C 52/34-1050-F	52/34	1050	5	155 mm	1 pc	**2168548**

[1)] For detailed stock availability and lead time information please contact your Hilti representative.

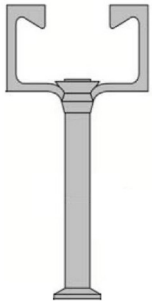
Please visit Hilti website for the latest item numbers and related products

Anchor channel HAC-C-P



APPLICATIONS

- Fastening curtain wall façade brackets to concrete slabs
- Fastening overhead MEP installations and equipment
- Fastening infrastructure in tunnels, including safety equipment and overhead lines (curved and stainless steel versions available)
- Creating adjustable, retrofittable fastening points in concrete
- Fastening in lift shafts, such as fixing guiderails, sliding doors or divider beams



ADVANTAGES

- Upgraded load capacity – higher static tension and shear values mean you can specify the same cast-in channels for virtually any loading
- Engineering and software support – you can use Hilti PROFIS Anchor Channel software and our engineering services team to streamline your design work
- Designed for high-speed installation – end caps with nail holes, one-pull filler foam and many other features help to make these anchor channels faster and easier on-site
- Available in stainless steel and hot-dip galvanised versions – helping to provide corrosion protection as needed for specific environmental conditions

Technical data	
Base material	Concrete
Environmental conditions	Outdoor
Material composition	Steel, A4 stainless steel

8

HAC-C-P (A4 stainless steel)

Ordering designation	T-head bolt size	Length, lch	Number of anchors	Standard embedment depth, hef	Sales pack quantity	Item number
HAC-C-P 40/22 300 A4	40/22	300	2	91 mm	1 pc	**2277367**
HAC-C-P 40/22 350 A4	40/22	350	3	91 mm	1 pc	**2277368**
HAC-C-P 40/22 400 A4	40/22	400	3	91 mm	1 pc	**2277369**
HAC-C-P 40/22 450 A4	40/22	450	3	91 mm	1 pc	**2277370**
HAC-C-P 40/22 550 A4	40/22	550	3	91 mm	1 pc	**2277371**
HAC-C-P 40/22 1050 A4	40/22	1050	5	91 mm	1 pc	**2277372**
HAC-C-P 50/30 300 A4	50/30	300	2	106 mm	1 pc	**2277388**
HAC-C-P 50/30 350 A4	50/30	350	3	106 mm	1 pc	**2277389**
HAC-C-P 50/30 450 A4	50/30	450	3	106 mm	1 pc	**2277390**
HAC-C-P 50/30 550 A4	50/30	550	3	106 mm	1 pc	**2277391**
HAC-C-P 50/30 1050 A4	50/30	1050	5	106 mm	1 pc	**2277392**

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

HAC-C-P (Hot-dip galvanized)

Ordering designation	T-head bolt size	Length, lch	Number of anchors	Standard embedment depth, hef	Sales pack quantity	Item number
HAC-C-P 40/22 300 F	40/22	300	2	91 mm	1 pc	**2277352**
HAC-C-P 40/22 350 F	40/22	350	3	91 mm	1 pc	**2277353**
HAC-C-P 40/22 400 F	40/22	400	3	91 mm	1 pc	**2277354**
HAC-C-P 40/22 450 F	40/22	450	3	91 mm	1 pc	**2277355**
HAC-C-P 40/22 550 F	40/22	550	3	91 mm	1 pc	**2277356**
HAC-C-P 40/22 800 F	40/22	800	4	91 mm	1 pc	**2277357**
HAC-C-P 40/22 1050 F	40/22	1050	5	91 mm	1 pc	**2277358**
HAC-C-P 40/22 1300 F	40/22	1300	6	91 mm	1 pc	**2277359**
HAC-C-P 40/22 1550 F	40/22	1550	7	91 mm	1 pc	**2277360**
HAC-C-P 50/30 300 F	50/30	300	2	106 mm	1 pc	**2277377**
HAC-C-P 50/30 350 F	50/30	350	3	106 mm	1 pc	**2277378**
HAC-C-P 50/30 450 F	50/30	450	3	106 mm	1 pc	**2277379**
HAC-C-P 50/30 550 F	50/30	550	3	106 mm	1 pc	**2277380**
HAC-C-P 50/30 800 F	50/30	800	4	106 mm	1 pc	**2277381**
HAC-C-P 50/30 1050 F	50/30	1050	5	106 mm	1 pc	**2277382**

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

T-head bolt HBC



APPLICATIONS

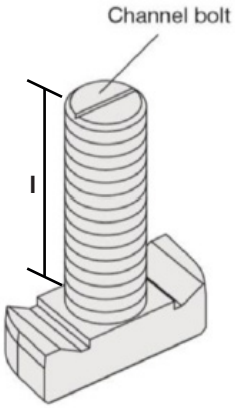
- For use with HAC-C stainless steel anchor channels

ADVANTAGES

- European approval according to latest technical specifications
- Dustless and noiseless fastening method

Technical data	
Environmental conditions	Outdoor
Material composition	Hop-dip galvanized and stainless steel A4

HBC-40/22 and HBC-40/22-N: Suitable for profies HAC-C(-P) 40/22
HBC-50/30 and HBC-50/30-N: Suitable for profiles HAC-C (-P) 50/30, 52/34



HBC (A4 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

HBC (Grade 8.8, hot-dip galvanized)

Ordering designation	Anchor size	Usable thread length	Bolt length, l	Sales pack quantity	Item number
HBC-40/22-N M12x60 8.8F	M12	36.7 mm	60 mm	50 pc	**2169074**
HBC-40/22-N M12x80 8.8F	M12	56.7 mm	80 mm	25 pc	**2169075**
HBC-40/22-N M16x60 8.8F	M16	32.2 mm	60 mm	25 pc	**2169077**
HBC-40/22-N M16x80 8.8F	M16	52.2 mm	80 mm	25 pc	**2169078**
HBC-50/30-N M16x60 8.8F	M16	30.2 mm / 26.7 mm	60 mm	50 pc	**2168746**
HBC-50/30-N M16x80 8.8F	M16	50.2 mm / 46.7 mm	80 mm	50 pc	**2168747**
HBC-50/30-N M20x60 8.8F	M20	45 mm / 41.5 mm	80 mm	50 pc	**2168800**[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

HBC-N (Grade 8.8, hot-dip galvanized)

Ordering designation	Anchor size	Usable thread length	Bolt length, l	Sales pack quantity	Item number
HBC-40/22-N M16x60 8.8F	M16	48.5 mm	60 mm	25 pc	**2169143**
HBC-40/22-N M16x80 8.8F	M16	68.5 mm	80 mm	25 pc	**2169144**
HBC-50/30-N M16x60 8.8F	M16	48.5 mm	60 mm	25 pc	**2169149**
HBC-50/30-N M16x80 8.8F	M16	68.5 mm	80 mm	25 pc	**2169160**
HBC-50/30-N M20x60 8.8F	M20	44.5 mm	60 mm	50 pc	**2168515**
HBC-50/30-N M20x80 8.8F	M20	64.5 mm	80 mm	50 pc	**2168516**

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

Cast-in Socket HCS



BASE MATERIALS

- Concrete
- GRC

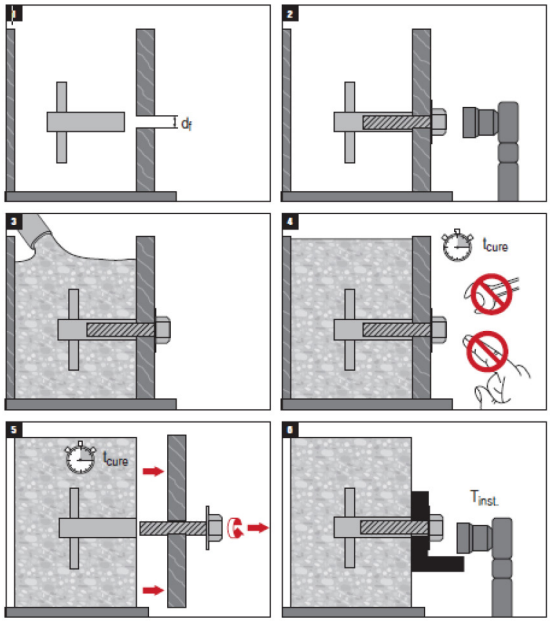
APPLICATIONS

- 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

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)



These are abbreviated instructions which may vary according to the application.

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.

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 346
Elastomeric silicone sealant CP 601S Page 347
High performance intumescent firestop sealant FS-ONE MAX Page 348
Firestop intumescent sealant CP 611A Page 349
Firestop joint spray CFS-SP WB Page 351



Firestop Putties

Firestop putty pad CP 617 Page 352
Firestop cable disc CFS-D 1” Page 353



Firestop Foams

Firestop foam CP 620 Page 354
Firestop foam CFS-F FX Page 355



Firestop Block and Plug Systems

Firestop block CFS-BL Page 357
Firestop composite sheet CFS-COS Page 358



Firestop Coating Systems, Cushions and Mortars

Firestop mortar CP 636 Page 359
Firestop board, coating CP 670 Page 360
Firestop board CP 670 Page 361
Firestop cushion CP 651N Page 362



Firestop Collars, Wraps and Bandages

Firestop bandage CFS-B Page 363
Firestop collar CP 643 N Page 364
Firestop collar CP 644 Page 365
Firestop collar endless CFS-C EL Page 366
Firestop wrap strip CP 648-E Page 367



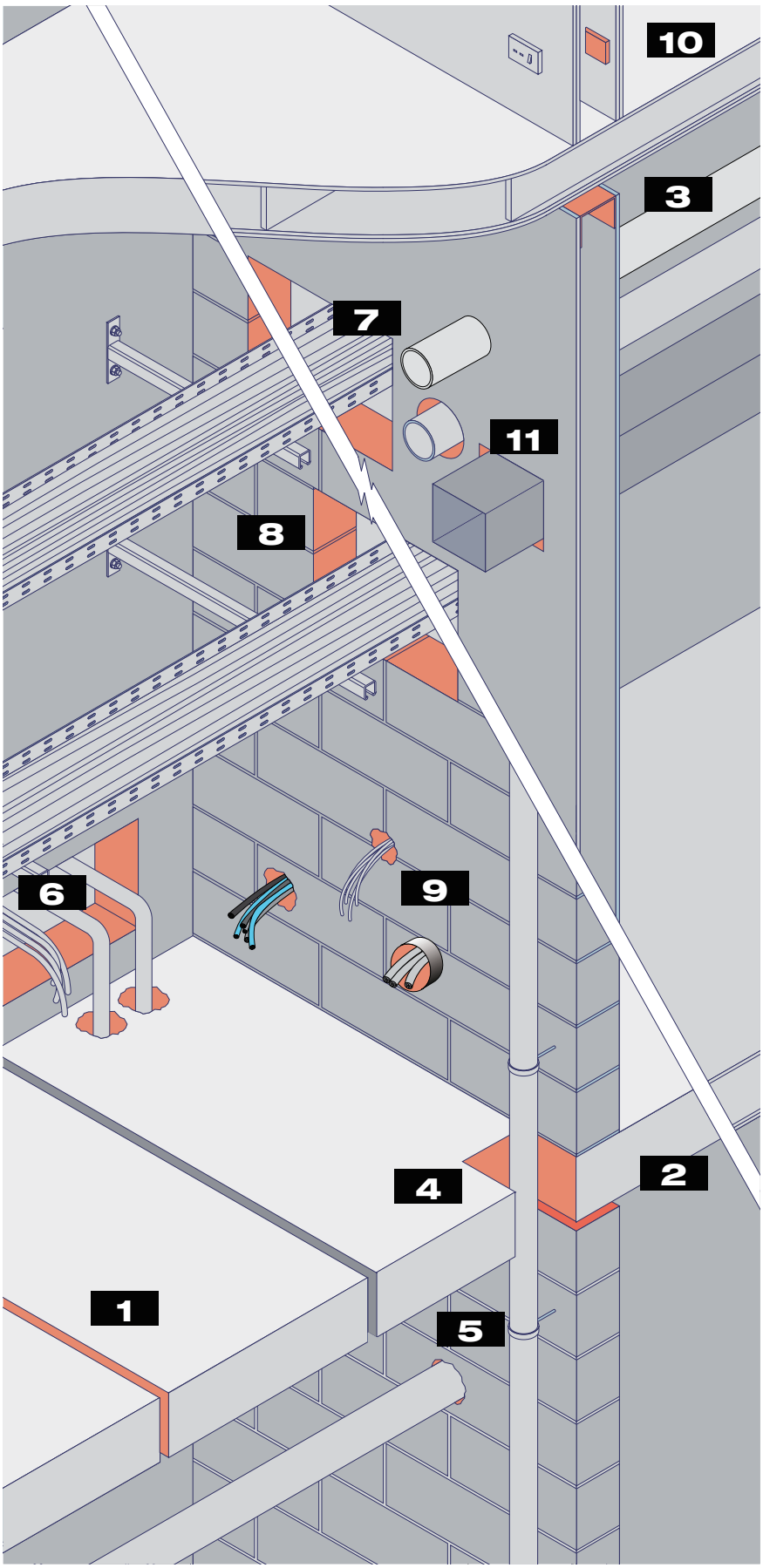
Firestop Cast-In and Sleeve Devices

Firestop sleeve CFS-SL GA Page 368
CFS-CID Firestop cast-in device Page 369



Cable Protection

Firestop cable coating CP 678 Page 370



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:

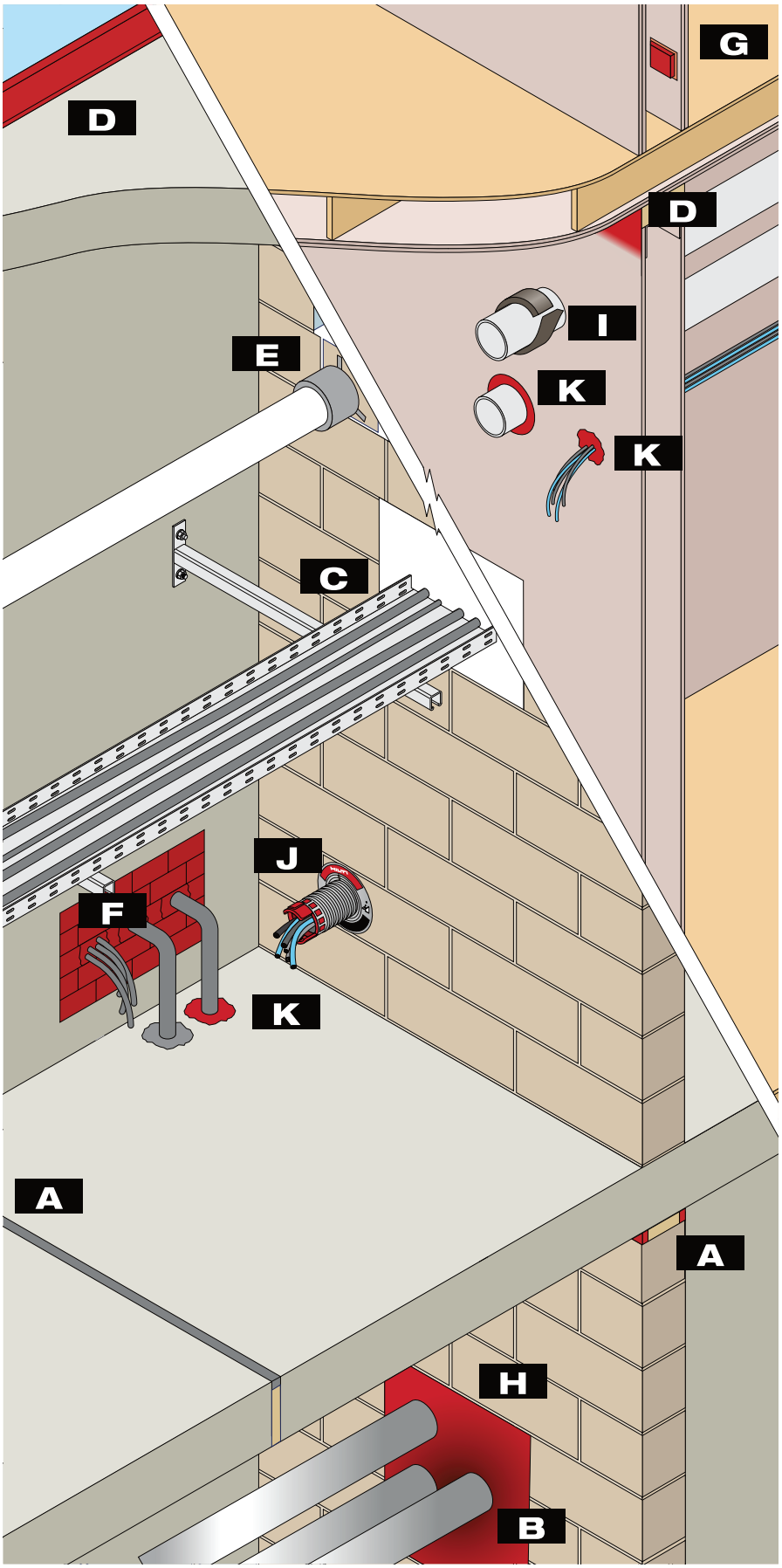
1. Movement joints
2. Rigid or low movement joints
3. Head of wall and perimeter joints
4. Metal
5. Plastic pipes
6. Multiple penetrations, pipes and/ or cables
7. Cable trays (with permanent sealing of opening during construction, or temporary sealing allowing additional cables to be installed subsequently)
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 orginal 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 componet 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.



Hilti Firestop Solutions

The illustration on the left provides a basic guide to the range of Hilti Firestop products available for the applications shown.

Building Construction& Façade Application

- A Flexible Firestop Sealant (CP 606/601S)
- B Firestop Mortar (CP 636)/
  Firestop composite sheet (CFS-COS)
- C Firestop Board (CP 670)
- D Firestop Joint Spray (CFS-SP WB)

Mechanical & Eelectrical Application

- E Firestop Collar (CP 643N/644/CFS-C EL)
- F Firestop Block (CFS-BL)
- G Firestop Putty Pad (CP 617)
- H Fire Foam (CP 620/CFS-F FX)
- I Firestop Wrap Strip (CP 648-E)
- J Speed Sleeve (CFS-SL GA)
- K FS-ONE MAX High Performance Intumescent Sealant
  Firestop intumescent Sealant CP 611A
  Firestop cable disc CFS-D 1”

Hilti Firestop
Saving lives
through innovation
and education

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 GA	Low VOC	Fire			Acoustic Insulation	Mould & Mildew	Siesmic	30 ans	Resistance to Aging*
CP 678	Low VOC	Fire				Mould & Mildew	Siesmic		PLANNED
CFS-COS	Low VOC	Fire	WITH SEALANT	WITH SEALANT	Acoustic Insulation	Mould & Mildew			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 / humidityconditions, 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

CP 606	British Standard BS 476-20	BS EN 1366-3	FM APPROVED	CLASSIFIED c UL us
CP 601S	British Standard BS 476-20	BS EN 1366-3		CLASSIFIED c UL us
FS-One Max	British Standard BS 476-20		FM APPROVED	CLASSIFIED c UL us
CP 611A	British Standard BS 476-20	BS EN 1366-3		
CFS-SP WB		BS EN 1364-4 BS EN 1364-3	FM APPROVED	CLASSIFIED c UL us
CP 617	British Standard BS 476-20	BS EN 1364-1	FM APPROVED	CLASSIFIED c UL us
CFS-D 1”	British Standard BS 476-20	BS EN 1364-1	FM APPROVED	CLASSIFIED c UL us
CP 620	British Standard BS 476-20		FM APPROVED	CLASSIFIED c UL us
CFS-F FX		BS EN 1366-3		
CFS-BL	British Standard BS 476-20	BS EN 1366-3	FM APPROVED	CLASSIFIED c UL us
CP 636	British Standard BS 476-20	BS EN 1366-3	FM APPROVED	CLASSIFIED c UL us
CP 670	British Standard BS 476-20	BS EN 1366-3		
CP 651 N	British Standard BS 476-20	BS EN 1366-3		
CFS-B	British Standard BS 476-20			
CP 643	British Standard BS 476-20	BS EN 1366-3	FM APPROVED	CLASSIFIED c UL us
CP 644	British Standard BS 476-20	BS EN 1366-3		CLASSIFIED c UL us
CFS-C EL	British Standard BS 476-20	BS EN 1366-3		
CP 648-E	British Standard BS 476-20	BS EN 1366-3	FM APPROVED	CLASSIFIED c UL us
CFS-SL GA	British Standard BS 476-20	BS EN 1366-3	FM APPROVED	CLASSIFIED c UL us
CP 678	British Standard BS 476-20		FM APPROVED	
CFS-COS	British Standard BS 476-20		FM APPROVED	CLASSIFIED c UL us

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 normalclimatic condition in the respective field of application.

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

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
Movement[1)]	±12.5% (ISO 11600)
Approx. tack-free time (ventilated at 77°F, 80% rel. humidity)	20 min
Approx. curing time[2)]	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 life[3)]	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

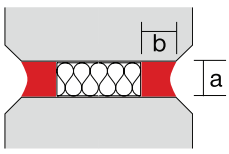


Consumption Guide

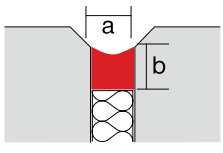
Cartridge volume = 310 ml (CP 606)
a = Joint width in mm
b = Sealant depth in mm

$$\text{Linear metre per cartridge} = \frac{\text{Cartridge volume in ml}}{a \times b}$$

e.g.a floor 20mm wide with product depth of 10mm; with 310ml cartridge
Therefore linear metres per cartridge = 310/(20 x 10) = 1.55 metre per cartridge for one side of the floor



Wall

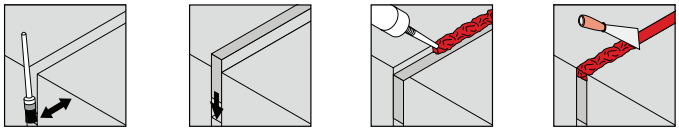


Floor

Joint width (mm)	0-15	16-20	21-30
Sealant depth (mm)	6	10	15

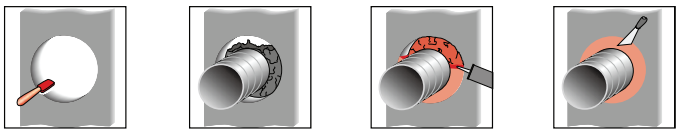
Application Procedure

Joint installation



1. Clean opening *2. Insert backing material* *3. Apply CP 606* *4. Smooth CP 606*

Pipe installation (non-combustible pipes only)



1. Clean opening *2. Insert backing material* *3. Apply CP 606* *4. Smooth CP 606*

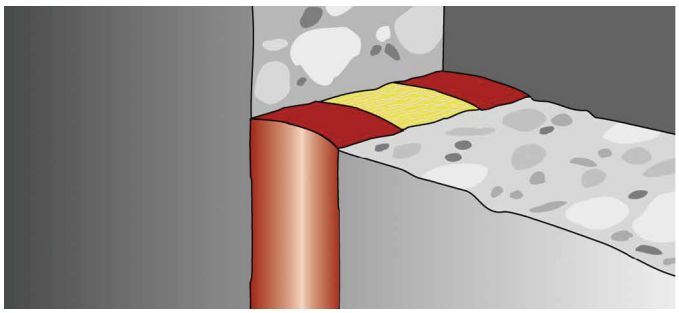
Order Now

Ordering designation	Colour	Volume per unit	Packaging	Sales pack quantity	Item number
CP 606 310ml INT grey	Grey	310 ml	Cartridr	1 pc	**209630**
CP 606 580ml INT grey	Grey	580 ml	Foil pack	1 pc	**209633**
CP 606 310ml white	white	310 ml	Cartridr	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
Movement[1)]	± 25% (ISO 11600)
Approx. tack-free time (ventilated at 77°F, 80% rel. humidity)	15 min
Approx. curing time[2)]	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 life[3)]	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

Smoke | Water Tight | Acoustic | Siesmic

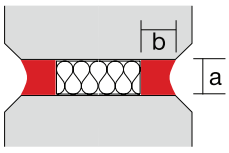
Low VOC | Mould & Mildew



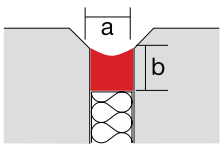
Consumption Guide

Cartridge volume = 310 ml (CP 601S)
a = Joint width in mm
b = Sealant depth in mm
Linear metre per cartridge = $\frac{\text{Cartridge volume in ml}}{a \times b}$

e.g.a floor 50mm wide with product depth of 10mm; with 310ml cartridge
Therefore linear metres per cartridge = 310/(50 x 15) = 0.41 metre per cartridge for one side of the floor



Wall

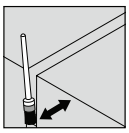


Floor

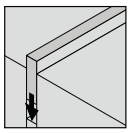
Joint width (mm)	0-15	16-100
Sealant depth (mm)	6	15

Application Procedure

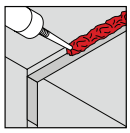
Joint installation



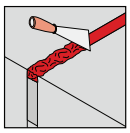
1. Clean opening



2. Insert backing material

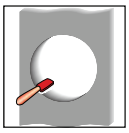


3. Apply CP 601S



4. Smooth CP 601S

Pipe installation (non-combustible pipes only)



1. Clean opening



2. Insert backing material



3. Apply CP 601S



4. Smooth CP 601S

Order Now

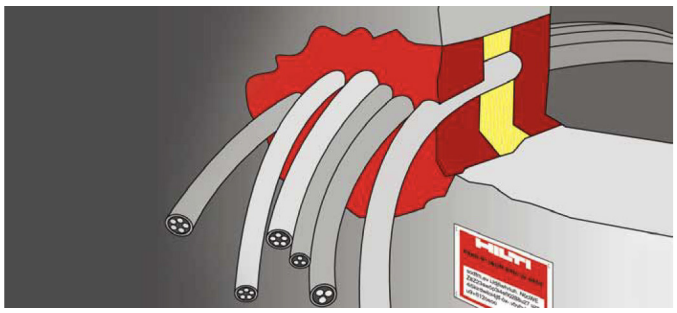
Ordering designation	Colour	Volume per unit	Packaging	Sales pack quantity	Item number
CP 601S 310ML grey	Grey	310 ml	Cartridr	1 pc	**310635**
CP 601S 600ML grey	Grey	600 ml	Foil pack	1 pc	**312111**[1)]
CP 601S 310ML white	White	310 ml	Cartridr	1 pc	**310633**
CP 601S 600ML white	White	600 ml	Foil pack	1 pc	**310637**[1)]

[1)] For detailed stock availability and 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 time[1)]	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 life[3)]	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

Smoke | Water Tight | Acoustic | Siesmic

Low VOC | Mould & Mildew



Consumption Guide

Cartridge size = 310 ml (FS-ONE)

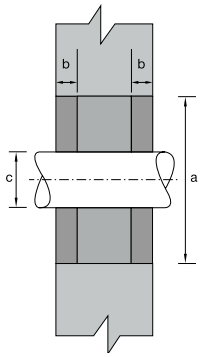
Sealing volume in wall application (installation on both sides)

$$Vs = \frac{\pi}{4} \times (a^2 - c^2) \times 2b$$

Sealing volume in floor application (installation on one side only)

$$Vs = \frac{\pi}{4} \times (a^2 - c^2) \times b$$

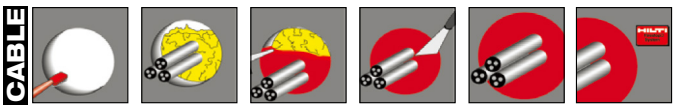
a = hole diameter in cm
b = installation depth in cm (see approvals)
c = outside diameter of pipe or bunched cable diameter in cm



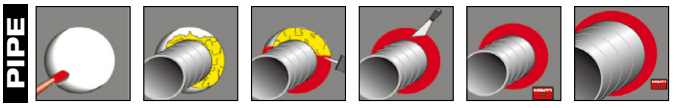
No. of cartridges needed,

$$n = \frac{Vs}{\text{cartridge volume in ml}}$$

Application Procedure



1. Clean opening
2. Pack Mineral wool. (If required)
3. Apply FS-ONE MAX.
4. Smooth FS-ONE MAX.
5. Leave completed seal undisturbed for 48 hours.
6. Fasten identification plate. (If required)



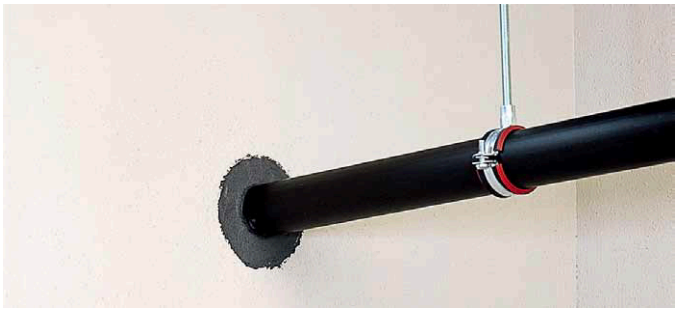
1. Clean opening
2. Pack Mineral wool. (If required)
3. Apply FS-ONE MAX.
4. Smooth FS-ONE MAX.
5. Leave completed seal undisturbed for 48 hours.
6. Fasten identification plate. (If required)

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

Smoke | Water Tight | Acoustic | Siesmic

Low VOC | Mould & Mildew

Technical data

Chemical basis	Water-based acrylic dispersion
Base materials	Concrete, Concrete block, Metal, Wood, Gypsum
Movement[1)]	No
Expansion ratio (unrestricted, up to)	1:10
Approx. tack-free time (ventilated at 77°F, 80% rel. humidity)	15 min
Approx. curing time[2)]	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 life[3)]	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)

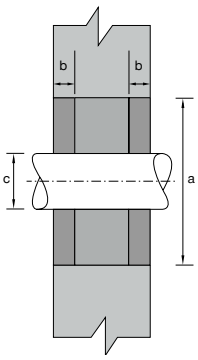
Sealing volume in wall application (installation on both sides)

$$Vs = \frac{\pi}{4} \times (a^2 - c^2) \times 2b$$

Sealing volume in floor application (installation on one side only)

$$Vs = \frac{\pi}{4} \times (a^2 - c^2) \times b$$

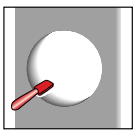
a = hole diameter in cm
b = installation depth in cm (see approvals)
c = outside diameter of pipe or bunched cable diameter in cm



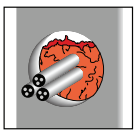
No. of cartridges needed,

$$n = \frac{Vs}{310\ (ml)}$$

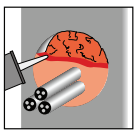
Application Procedure



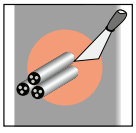
1. Clean opening



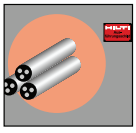
2. Depending on required integrity, pack in mineral wool or foam



3. Apply CP 611A



4. Smooth CP 611A



5. Fasten installation plate in place (if required)

Order Now

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

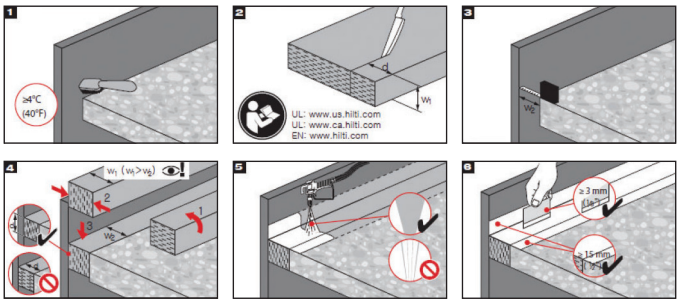
Smoke | Water Tight | Acoustic | Siesmic

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
Movement[1)]	Up to 50 %
Approx. tack-free time (ventilated at 77°F, 80% rel. humidity)	180 min
Approx. curing time[2)]	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
Smoke leakage (BS EN 12101-1)	0.5m³/h/m² 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[3)]	12 months (stored in a dry place)
Mineral wool thickness*	Minimum 100mm

* Please contact Hilti representatives for technical details
[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



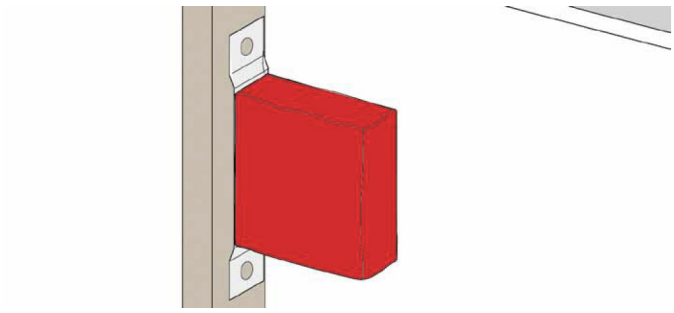
Order Now

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
- Accoustically 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

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

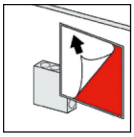
Acoustic

Low VOC

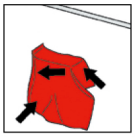
Mould & Mildew



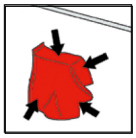
Application Procedure



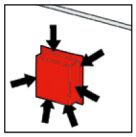
1. Remove label from one side of CP 617



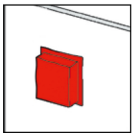
2. Adhere CP 617 to application



3. Reshape CP 617 fit around box



4. Press CP 617 to all sides of application



5. Remove other side of label

Order Now

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/m³
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

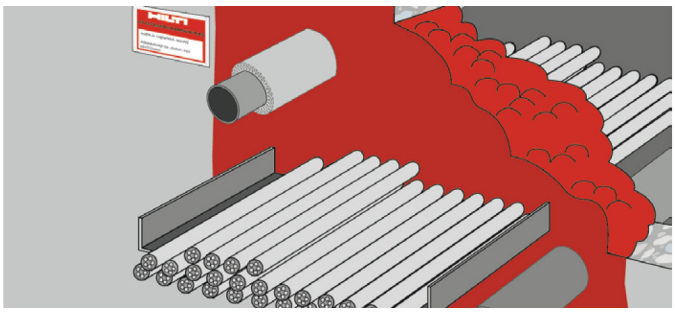


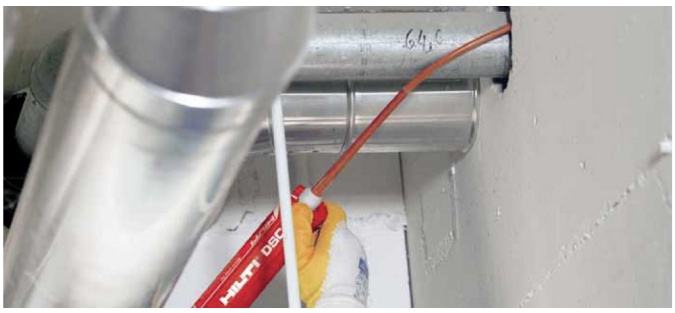
Order Now

Ordering designation	Package contents	Sales pack quantity	Item number
CFS-D 1”	1x Firestop cable disc CFS-D 1”	32 pc	**2116245**

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-toreach applications
- Virtually impervious to smoke
- Excellent water and vapour resistance
- Single-sided installation possible
- Easy to use in openings where access is poor

Smoke | Water Tight | Acoustic | Siesmic

Low VOC | Mould & Mildew

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

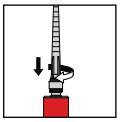
Foam installation thickness: 145
No. of CP 620 cartridges

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.



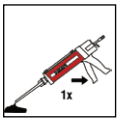
2. Fit the mixer and screw securely.



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).

Order Now

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	**2025085**

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 Siesmic 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 laod
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

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

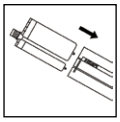
[1)] at 77°F/25°C and 50% relative humidity; from date of manufacture



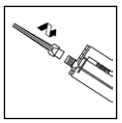
Application Procedure



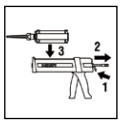
1. Clean the opening to be sealed



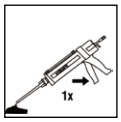
2. Slide the foil pack into the holder



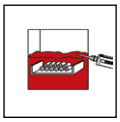
3. Screw the mixing nozzle all the way onto the foil pack and tighten it securely



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.)

Order Now Watch Video

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**

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

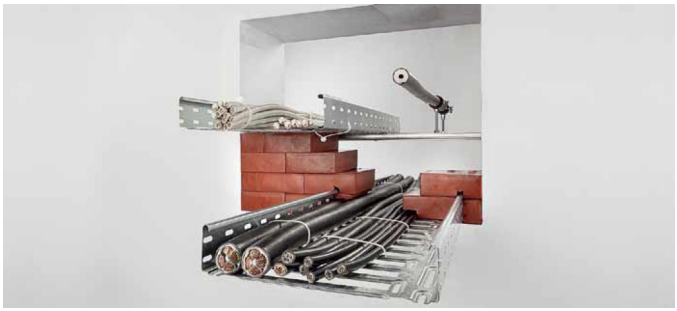
Accessories for Firestop Foams

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**
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 repenetation

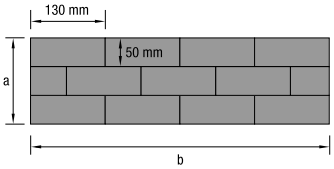
Smoke Acoustic Siesmic Low VOC Mould & Mildew

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



Consumption Guide

Brick dimension 200 x 130 x 50 mm
a = opening width in cm
b = opening length in cm

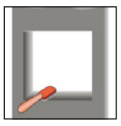


Opening with 30% cross senctional area of services multiply the results by 0.7
Opening with 50% cross senctional area of services, multiply the results by 0.5

Header orientation
Blank opening = $\frac{a \times b}{65}$

e.g. 1 metre by 1 metre opening
Number of bricks required = $\frac{100 \times 100}{65}$ = 154 bricks

Application Procedure



1. Clean opening



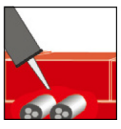
2a. Build up blocks



2b. Cut blocks to size for penetration in place



3. Build up blocks



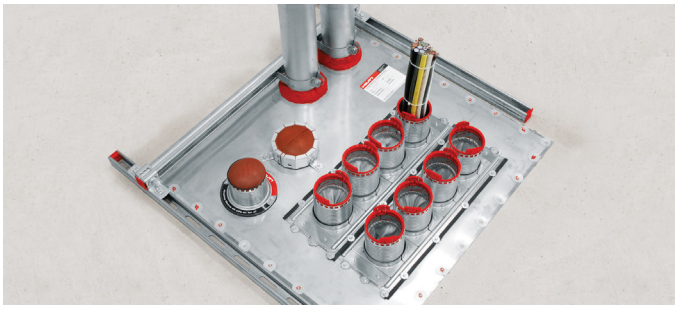
4. Fill gaps with FS-ONE MAX3 / CP 611A

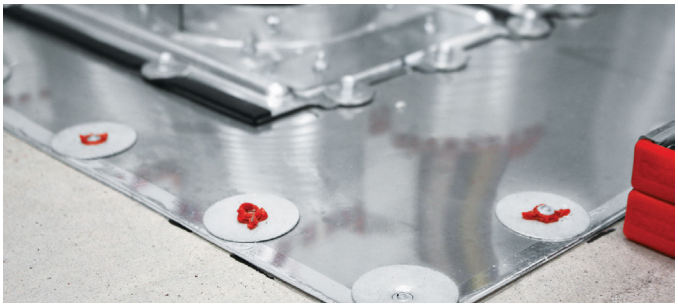
Order Now Watch Video

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 composite sheet CFS-COS





APPLICATIONS

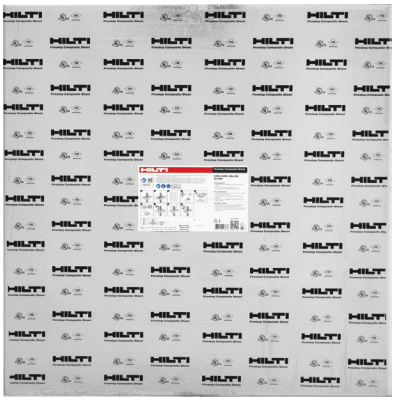
- For use with large wall and floor fire-rated assemblies
- Compatible with Hilti Speed Sleeve and gangplate for floor gang applications
- Intumescent sheet with #304 stainless steel backing for firestopping large openings

ADVANTAGES

- For use with fire-rated assemblies (up to 4 hrs)
- Compatible with Hilti sleeve devices for easy cable management
- Can be fastened using Hilti screw anchor , GX or BX tools – to increase installation efficiency and productivity
- Multi-board systems allow very large openings
- Non-magnetic #304 stainless steel construction ensures good weatherability and no inductive loss in cables
- Fast installation system requires fewer anchors

Technical data	
Application temperature range	-30 to 48°C
Temperature resistance range	-30 to 120°C
Expansion ratio (unrestricted, up to)	1:18
Storage and transportation temperature range	-30 to 48°C
Color	Silver
Dimensions (LxWxH)	910 x 910 x 3.8 mm
Intumescent	Yes

[1] at 77°F/25°C and 50% relative humidity; from date of manufacture



Order Now

Ordering designation	Package contents	Sales pack quantity	Item number
Firestop Composite Sheet CFS-COS	1x CFS-COS Firestop Composite Sheet	4 pc	**2135884**

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

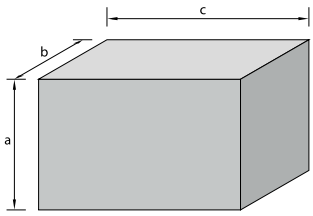
Acoustic | Siesmic | Low VOC | Mould & Mildew

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/m³
Max. compressive strength after 28 days	2.9 N/mm²
Application temperature range	5 - 80 °C
Temperature resistance range	-10 - 80 °C
Storage and transportation temperature range	5 - 30 °C
Shelf life[1)]	12 Months
Colour	Grey

[1)] at 77°F/25°C and 50% relative humidity; from date of manufacture

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

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:
Therefore number of bags required = $\frac{10 \times 100 \times 100}{22{,}000}$ = 5 bags



Application Procedure



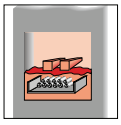
1. Clean opening, moisten surfaces



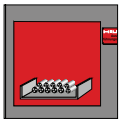
2. Mix CP 636 mortar with 3:1 ratio (by adding mortar to water)



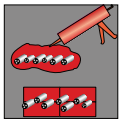
3. Put mortar into place



4. Optional: add CP 651 for future cable changes



5. Fasten installation plate in place (if required)



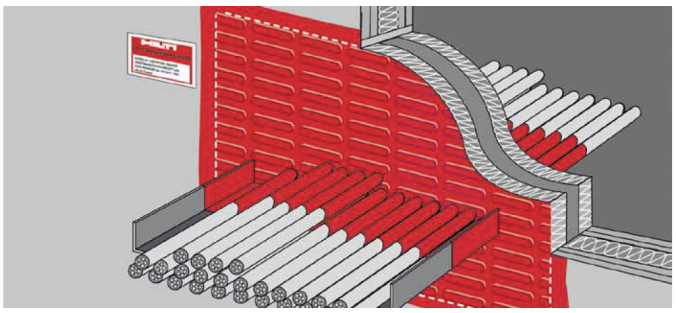
6. Re-installation: lay cables and close remaining opening

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


Smoke


Water Tight

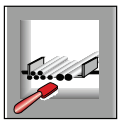

Acoustic

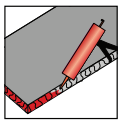

Siesmic

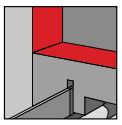


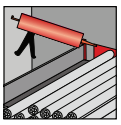

Mould & Mildew

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)

Technical data	
Base materials	Drywall, Concrete, Masonry
Approx. density	1470 kg/m³
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



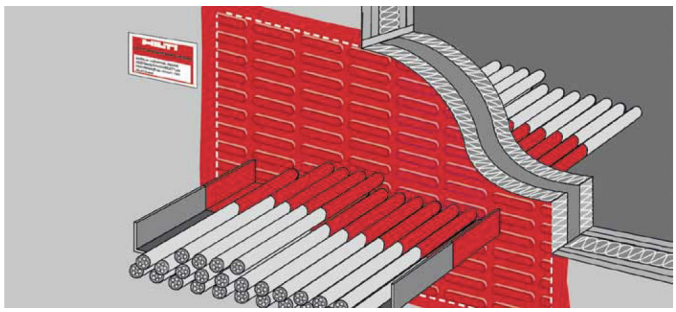
Order Now

Watch Video

Ordering designation	Weight	Sales pack quantity	Item number
ROCK WOOL 1.2X0.6-50/D160	-	5 pc	**3435517**
CP 670 6kg	6 kg		**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

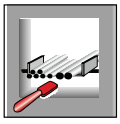
Technical data	
Base materials	Drywall, Concrete, Masonry
Dimensions (LxWxH)	1200 x 600 x 50 mm
Approx. board density	160 kg/m³
Application temperature range	5 - 40 °C
Temperature resistance range	-40 - 100 °C
Storage and transportation temperature range	0 - 40 °C
Colour	White

Smoke | Water Tight | Acoustic | Siesmic

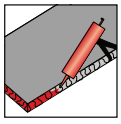
Low VOC | Mould & Mildew



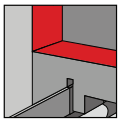
Application Procedure



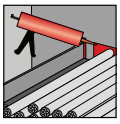
1. Clean the opening



2. Coat cut edges with CP 606



3. Fit CP 670



4. Fill gaps with CP 606



5. Fasten installation (if required)

Order Now

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

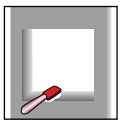
- Quick and easy installation
- No special tools required
- Very economical in use thanks to optimized cushion dimensions
- Re-usable and thus economical
- Fully functional immediately after installation
- Tear-resistant and dust-free installation

Acoustic

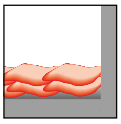
Mould & Mildew

Technical data	
Base materials	Drywall, Concrete, Masonry
Approx. density	350 kg/m³
Application temperature range	-30 - 35 °C
Temperature resistance range	-40 - 120 °C
Storage and transportation temperature range	-30 - 40 °C
Colour	White

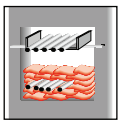
Application Procedure



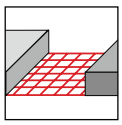
1. Clean opening



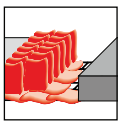
2. Cushion arrangement without cables in wall



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)



Order Now

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 Siesmic Low VOC Mould & Mildew

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
Width	125 mm



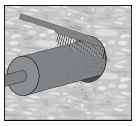
Application table

CFS-B (Firestop Bandage - 2 mm thick)

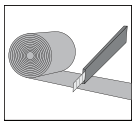
Pipe diameter (mm)	Insulation Thickness (mm)	No. Layers	Reference Wrap length (mm)	No. of penetrations with a 10m roll	Recommened drill hole X (mm)
25	40	2	720	14	121
32	40	2	770	13	128
40	40	2	820	12	136
50	40	2	880	11	146
65	50	2	1100	9	181
80	50	2	1190	8	196
100	50	2	1320	8	216
125	50	2	1480	7	241
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

* Please consult Hilti representatives for application detail of different type of piping units

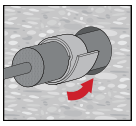
Application Procedure



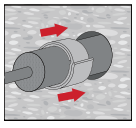
1. Clean the opening. The material around the opening must be dry, in sound condition and free from dust or grease.



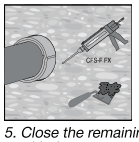
2. Cut Hilti Firestop Bandage CFS-B to fit the outside diameter of the insulation. Ensure 2 layers and an overlap.



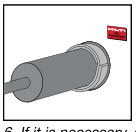
3. Wrap Hilti Firestop Bandage CFS-B around the insulation. Secure the bandage with steel bands or wire (≥ 0.7 mm).



4. Install Hilti Firestop Bandage CFS-B on both sides of the open-ing 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 over the bandage has to be installed. Mount the installation identification plate beside the correctly sealed opening, if required.

Order Now

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

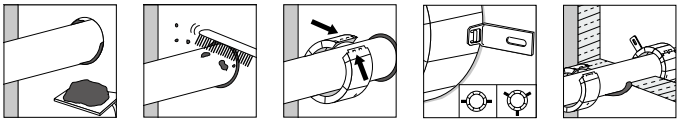
- Latch mechanism for quick and easy closure
- Allows correct installation where space is tight
- Flexible tab positioning for convenient fastening
- Ready-to-use product

Siesmic Low VOC Mould & Mildew

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



1. Close remaining gap by mortar or by CP606 for smoke and acoustic seal

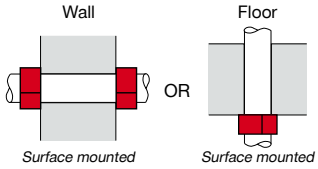
2. Clean plastic pipe

3. Close jacket

4. Attach fastening hooks

5. Repeat the same jacket installation procedure for the other side of the wall

Fixing Method



Surface mounted *Surface mounted*

Order Now

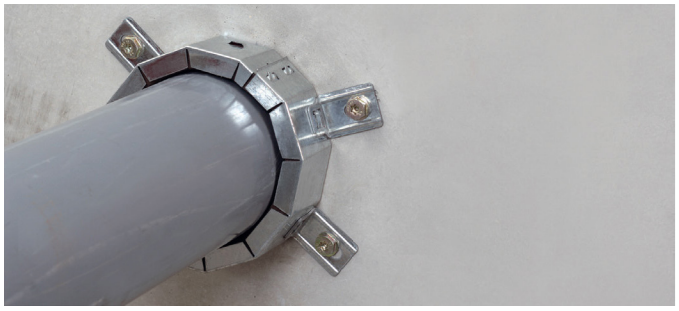
Ordering designation	Pipe diameter - range	Collar outside diameter	Package contents	Sales pack quantity	Item number
CP643 1.5”/50 N (A2 SS) + HSA-R M6 5/-/-	20- 51 mm	67 mm	2x Std stud anchor HSA-R M6x50 5/-/-, 1x Firestop Jacket CP 643-50/1.5”N (A2 S.S)	1 pc	**3503533**
CP643 2”/63 N (A2 SS) + HSA-R 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

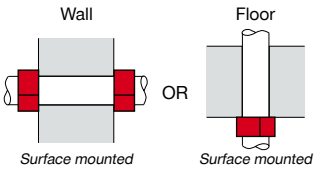
- Ready-to-use firestop collar with a galvanized steel housing
- Latch mechanism for quick and easy closure
- Flexible hook positioning for convenient fastening

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

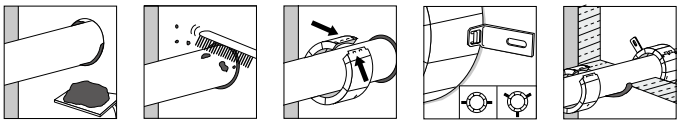
 Siesmic

 Mould & Mildew

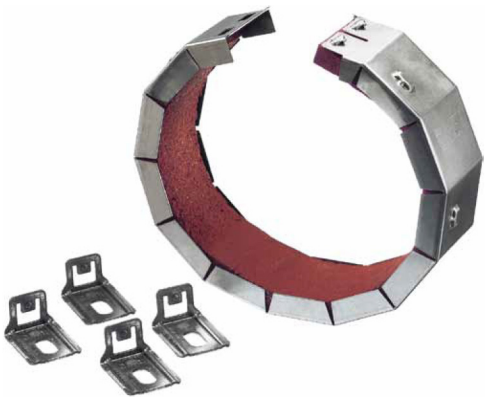
Fixing Method



Application Procedure



1. Close remaining gap by mortar or by CP606 for smoke and acoustic seal
2. Clean plastic pipe
3. Close jacket
4. Attach fastening hooks
5. Repeat the same jacket installation procedure for the other side of the wall



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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 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



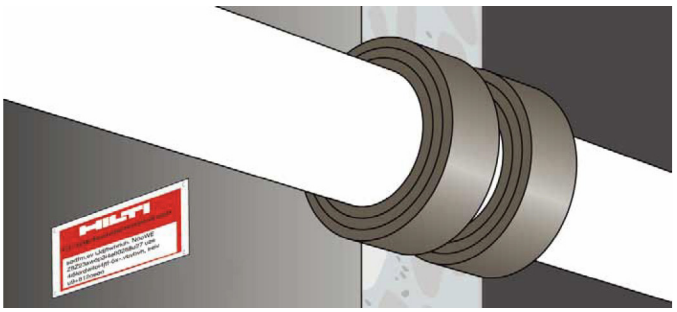
Order Now **Watch Video**

Ordering designation	Pipe diameter - range	Package contents	Sales pack quantity	Item number
CFS-C EL	16 -160 mm	1x Firestop bandage CFS-C EL, 18x Closure plate CFS-C EL, 22x Hook CFS-C EL short	1 pc	**2075120**

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

Application table

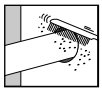
CP 648-E (Firestop Endless Wrap - 4.5 mm thick)

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^

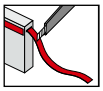
^ or bigger ^^ The wrap lenght should



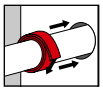
Application Procedure



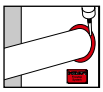
1. Clean the plastic pipe.



2. Cut CP 648-E to the correct length (see measurement table on product packaging for help).

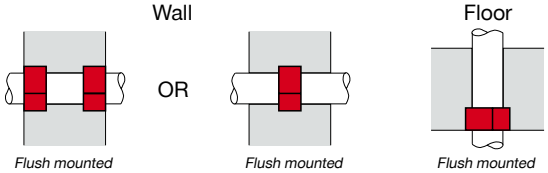


3. Wrap the CP 648-E around the pipe, fasten it with adhesive tape and push it into the annular space



4. Close remaining gap to ensure smoke and gas tight seal. Fasten installation plate if required.

Fixing Method



Flush mounted | Flush mounted | Flush mounted

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 GA 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

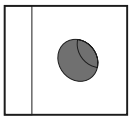
- Quick and easy to install and inspect
- Fully functional immediately after installation
- Robust
- Optimum smoke-restriction performance
- Easy maintenance and retro-fitting of cables

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

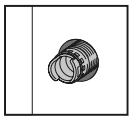
Acoustic Siesmic Low VOC Mould & Mildew



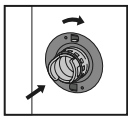
Application Procedure



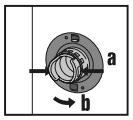
1a. For a 2" sleeve: use a 2.5" hole saw to create a hole.
1b. For a 4" sleeve: use a 4.5" hole saw to create a hole.



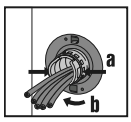
2. Insert the sleeve.



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 intil finger-tight, allowing it to engage with a click.

Order Now Watch Video

Ordering designation	Outside diameter	Recommended opening size	Wall/Floor thickness	Sales pack quantity	Item number
CFS-SL GA Small	63 mm	66-73 mm	100-200 mm	1 pc	**2178492**
CFS-SL GA Medium	110 mm	113-122 mm	100-200 mm	1 pc	**2178493**
CFS-SL GA Long	110 mm	113-122 mm	200-300 mm	1 pc	**2178494**

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

Firestop cast-in device CFS-CID NEW





APPLICATIONS

- Concrete slabs built with traditional formwork
- New building construction
- Sealing combustible and non-combustible pipe penetrations
- Tested with pipe elbows, which allows reduced service zone

ADVANTAGES

- One-step firestop solution for a variety of pipe materials and diameters - no additional backfilling required
- Modular connection allows close placement of multiple penetrations
- Quick and simple installation
- Integrated moisture and smoke seal
- Lid strong enough to carry foot traffic and light access equipment

Smoke

Mould & Mildew

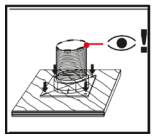
Acoustic

Low VOC

Technical data	
Base materials	Concrete
Approvals	EN 13501-2: 2007+A1:2009, EN 1366-3:2009
Height	250 mm
Application temperature range	-5 - 50 °C
Temperature resistance range	-20 - 100 °C
Color	Red
Re-penetration	Easy
Reaction to fire class (EN 13501-1)	E



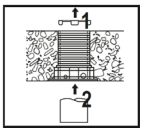
Application Procedure



1. Place anchor channel into formwork and fixing to the wood formwork with nails and stamples / fixing to the steel formwork with rivets. Ensure cover is tightened to prevent concrete from going in



2. Cast in concrete. Concrete level should be equal or lower than overall height of cast-in device



3. Remove the cast-in device cover. Insert penpetrating pipe into cast-in device.

Order Now

Watch Video

Ordering designation	Outside diameter	Sales pack quantity	Item number
CFS-CID 50	40 - 63 mm	1 pc	**2124523**
CFS-CID 75	50 - 75 mm	1 pc	**2124524**
CFS-CID 110	80 - 110 mm	1 pc	**2124525**
CFS-CID 160	125 - 160 mm	1 pc	**2124526**

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

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

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

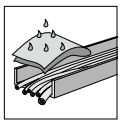
Consumption Guide

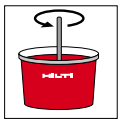
Test Standard	Dry film thickness	Wet film thickness	Approx. Requirement
IEC 60332-3	1.0 mm coating	1.4 mm coating	1.8 kg/m² (1.4 liters/m²)
Factory Mutual Approval	1.6 mm coating	2.2 mm coating	2.86 kg/m² (2.2 liters/m²)

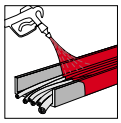
Note (a): Each 20 kilogram container of CP 678 contains approximately 15.4 liters.

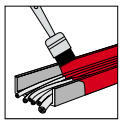
Note (b): For cable trays or cable bundles with large cables, allow approx. 10% wastage for application by brush or roller. For cable trays or cable bundles with small cables, allow approx. 20% wastage for application by brush or roller.

Application Procedure


Clean cables


Mix coating




Apply coating

Order Now

Ordering designation	Weight	Package contents	Sales pack quantity	Item number
CP 678 20KG	20 kg	1x Firestop cable coaing CP 678	1 pc	**2348155**

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

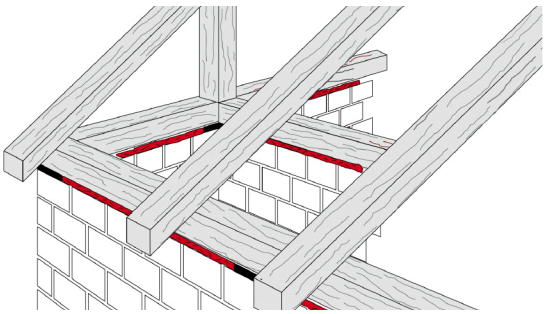
CONSTRUCTION CHEMICALS

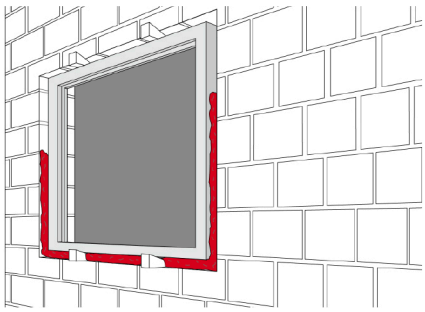


Foam Product Information

Dispenser foam CF125-50	Page 373
Filling foam CF-F 750	Page 374
Cleaner CFR	Page 375
Dispenser gun CF-DS1 (for CF125-50 only)	Page 376

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 life[1)]	12 Months

[1)] at 77°F/25°C and 50% relative humidity; from date of manufacture

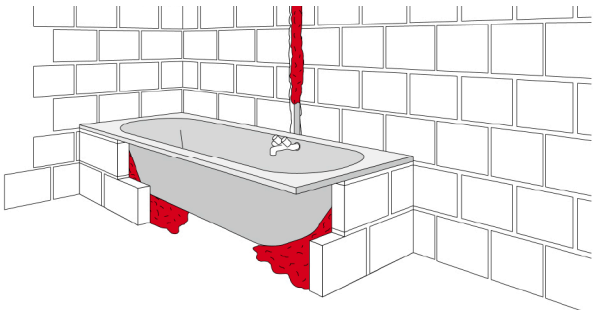


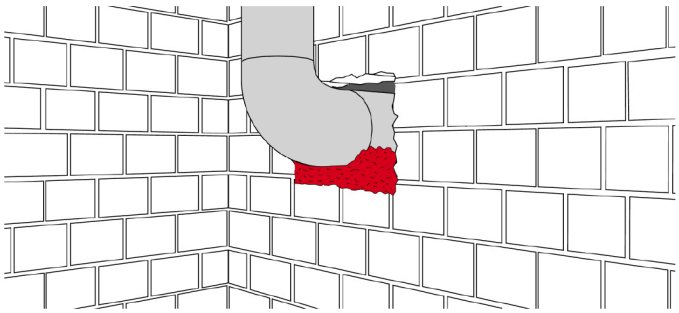
Order Now

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

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

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

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

Technical data	
Application temperature - max.	30 °C
Application temperature - min.	5 °C
Application temperature range	5 - 30 °C

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

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

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

SERVICES



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THE WAY TO EFFICIENTLY MANAGE YOUR ASSETS



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 can 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 predicable 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.

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TOOL SERVICES

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!

HILTI TOOL SERVICE 2 YEARS NO COST WARRANTY

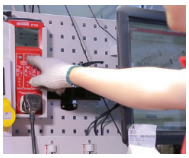
Free
Spare Parts

Free
Labor Cost

Free
2-way Freight

Quality repair with 3-month after-repair warranty - never repair at dealers!

HILTI TOOL SERVICE 3 DAYS OR FREE REPAIR SERVICE



Safety Test



Performance Test



Tool Cleaning

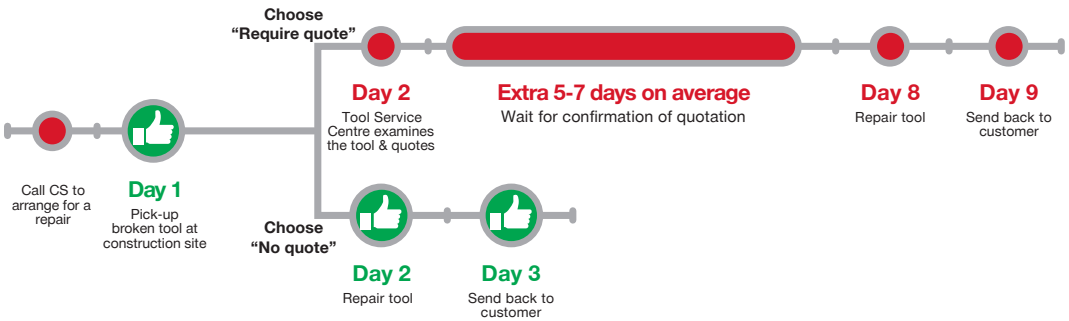


Re-application of Lubricant

"3-day or free" repair turnaround time promise - no quotation, much faster!

HILTI TOOL SERVICE 3 MONTHS REPAIR WARRANTY

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, DD 500-CA, DST 10-CA and DST 20-CA): No Costs for 2 years or 200 hours (whichever is reached first). AG125-A22, AG125-A36, AG 125-15DB angle grinder, ST 1800 corded screw drivers, PD 5 laser range meter, SR 4-A22 reciprocating saw, DX 2 Powder-actuated tool, TE 2 rotary hammer, 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, 12V drill driver and screwdriver series tool, SL 2-A12, SL 2-A22, SFL 14-A cordless lamp, and measuring products (PD-5, PD-S, PD-I, PD-E) are non-reparable items. AG 100-S, AG 100-D, 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

- Hands on tools experience
- Product experience sharing

Map Location

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 01:00 pm
	Saturday	8:30 am to 5:00 pm
	Sunday and Public holiday	Closed

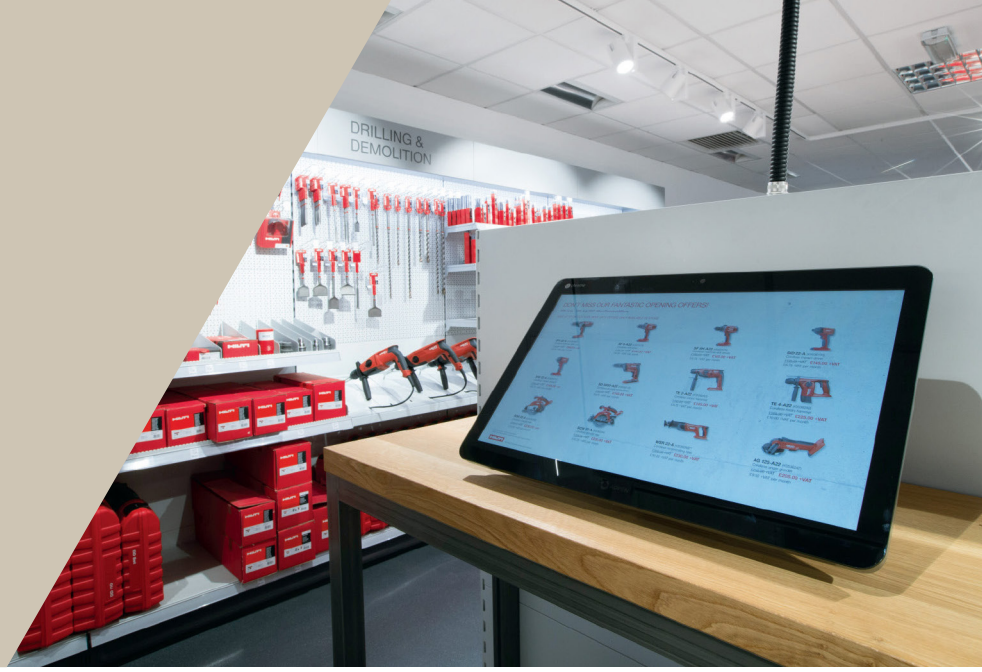
MACAU

Address	Rua De Bruxelas, S/N Edigicio, 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 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 deliver 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 Saturday, our dedicated carrier will deliver your order at the location of your choice (jobsite, office, warehouse, home, etc).

Area	Hong Kong	Macau
Standard Next Day - Standard Pricing	$188	$188
Standard Next Day - Online Pricing	$118	$118
Rapair Delivery	$118	$118
Order Cut-off time	5:00pm	12:00pm

*Freight charge is covered by Hilti LTS warranty and Fleet management and is only applicable to tools without warranty coverage

EXPRESS SAME DAY

Sometimes standard delivery just won't cut it. You need the goods and you need them today.

Our express 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	$348	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

SELF PICK-UP AT S.F. PICK UP POINT

No more missed deliveries. No more wasted days. Enjoy hassle-free self pick-up service.

Just call our Customer Service or place your order directly online.

Most of our products can be shipped to one of the 130+ carrier-contracted pick-up locations on the next working day.

Area	Hong Kong	Macau
Delivery Charge	$68	Not Applicable
Order Cut-off time	2:00pm	Not Applicable

*Available for standard order, self-pickup station < 80kg, self-pickup locker < 20kg



Visit More



Hilti online: www.hilti.com.hk



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 - Just an hour later your order is ready for collection
Step 4 - Enjoy flexibility to arrange your pick up, goods will be reserved for 3 working days

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 Edigicio, Kin Heng Long, Loja, W-R/C, Macau
Online Pricing	FREE	FREE
Order Cut-off time	5:30pm	5:00pm

*Allow 24 hours processing time for Fleet management orders

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	$420	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

Hilti must be notified of all returns within 60 days from delivery. Request for returns after 60 days of delivery will not be accepted. Proof of purchase is required for all returned materials.

Goods must be in saleable condition to qualify for return. Saleable condition is defined as those unused items in original packaging, defect-free and in unbroken quantities.

Area	Hong Kong	Macau
Standard Pricing	Material returns are subject to a handling charge of 15% of the total value of the order (minimum $200)	
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	Complete Delivery	Saturday 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).	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. Remarks: Your delivery order will be processed once all of the items are available in stock.	Saturday delivery can be performed for standard next day only in Hong Kong area.

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 cources for anchor
- On-site Demonstration

Visit More

PROFIS ENGINEERING PREMIUM

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 ENGINEERING SUITE

- 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 ENGINEERING 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

PROFIS software

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.

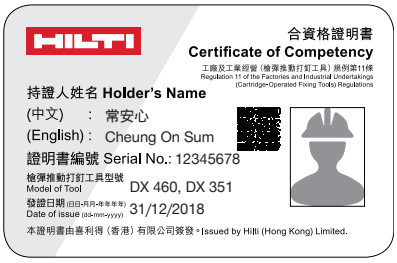
SYLLABUS

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



ANCHOR PULL-OUT TEST

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.

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.

INSTALLATION TRAINING

Installation Training
Reduce risk and increase productivity with Hilti.



OBJECTIVE

To educate worker on the correct installation method and the key influencing factors on installation quality; such as the importance of bored-hole dimension, quality of bored-hole and tightening torque.

DETAILS OF TRAINING

Venue: Job site or Hilti Training Centre

Time: 2 to 3 hours

No. of participants: Maximum 15 persons

Languages: English / Cantonese

CONTENT OF TRAINING

The training is divided into three parts:

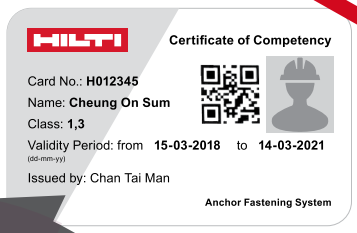
1) Introduction of Anchor theory:
   Provides a brief introduction on anchor working principle and key influence factors on anchor installation quality.

2) Hands-on experience:
   Provides an opportunity for worker to install different types of anchors, including expansion anchor, drop-in anchor and chemical anchor, etc.

3) Quiz:
   Test the worker‘s understaning of the anchor installation after the training

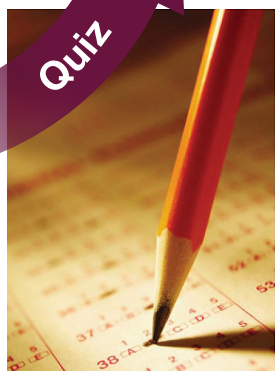
PROFESSIONAL ANCHOR INSTALLATION TRAINING



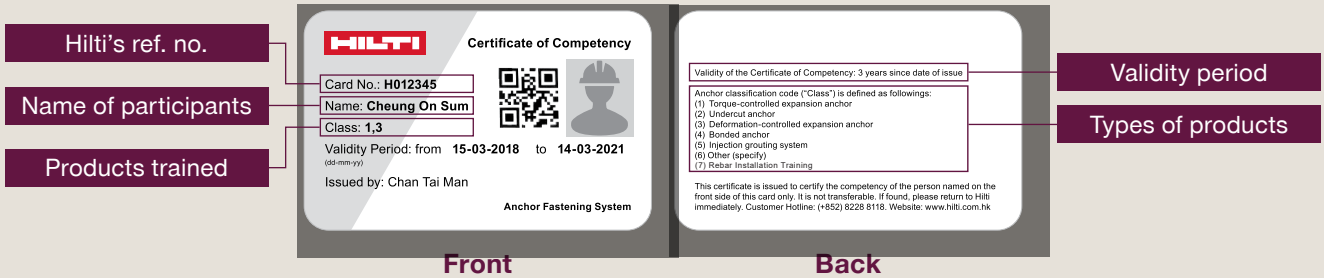








Installation Card Details

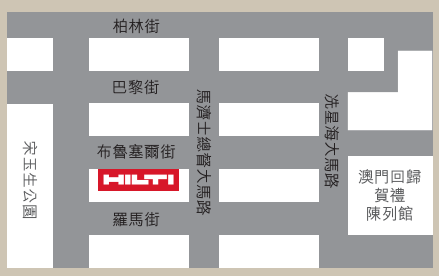


TAI KOK TSUI HILTI STORE



Shop 2, G/F, Lime Stardom, No. 1 Larch Street, Tai Kok Tsui, Kowloon, Hong Kong

MACAU HILTI STORE



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Hilti (Hong Kong) Limited
701-704A & 708A&B, 7/F, Tower A, Manulife Financial Centre, 223 Wai Yip Street, Kwun Tong, Kowloon, Hong Kong
Customer Hotline: +852 8228 8118 (Hong Kong) 00800 8228 8118 (Macau Toll Free) I Fax: +852 2954 1751
hksales@hilti.com I www.hilti.com.hk I Hilti(HK)

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