

DIRECT FASTENING





Drywall Application

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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



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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
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Ordering designation	Sales pack quantity	Item number
GC 42	1 pc	2105698

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Nail combo for use with gas-actuated tool GX 3

Package content: 1200 pins and 1 gas can GC 42



Technical data

For use with	GX 3
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Ordering designation	Fastener shank length	Fastener shank diameter	Sales pack quantity	Item number
X-S 14 G3 MX Combo	14 mm	3 mm	1 pc	3569237
X-P 17 G3 MX Combo	17 mm	3 mm	1 pc	3569238
X-P 20 G3 MX Combo	20 mm	3 mm	1 pc	3569239
X-C 20 G3 MX Combo	20 mm	3 mm	1 pc	3569721
X-C 27 G3 MX Combo	27 mm	3 mm	1 pc	3569722
X-C 32 G3 MX Combo	32 mm	3 mm	1 pc	3569774
X-C 39 G3 MX Combo	39 mm	3 mm	1 pc	3569775

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

GX 3 accessories

Ordering designation		Sales pack quantity	Item number
Washer R23-0.6 Eco		1000 pc	407950
Washer R36-0.6 Eco		1000 pc	407951
Fastener guide X-FG G3		1 pc	2102280 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



Fleet Management

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



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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	2110532
Battery pack B 22/5.2 Li-Ion		1 pc	2136396

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

Nail for BX 3-L 02












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Ordering designation	Fastener shank length	Fastener shank diameter	Sales pack quantity	Item number
X-S 14 B3 MX	14 mm	3 mm	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.

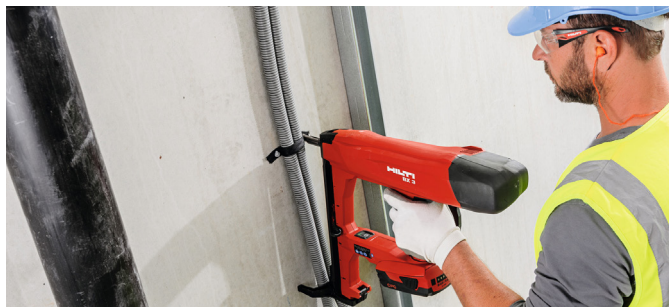
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Accessories for BX 3

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



Fleet Management

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



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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



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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



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Ordering designation	Cable capacity (8mm cable)	Sales pack quantity	Item number
X-EKB 4 MX	4	100 pc	285712 ¹⁾
X-EKB 8 MX	8	100 pc	285713 ¹⁾
X-EKB 16 MX	16	25 pc	285714 ¹⁾

¹⁾ 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



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Ordering designation	Cable capacity (8mm cable)	Sales pack quantity	Item number
X-ECH 15/B MX kit	15	100 pc	2018729 ¹⁾
X-ECH 30/B MX kit	30	50 pc	2018891 ¹⁾
Base X-ECH-B MX	-	50 pc	2018391 ¹⁾

¹⁾ 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



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

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

Conduit clamps X-EKS MX



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Order designation	Cable conduit diameter	Sales pack quantity	Item number
X-EKS 16 MX	16 mm	100 pc	285719 ¹⁾
X-EKS 20 MX	20 mm	100 pc	285720
X-EKS 25 MX	25 mm	100 pc	285721
X-EKS 32 MX	32 mm	100 pc	285722 ¹⁾

¹⁾ 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



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Order designation	Cable conduit diameter	Sales pack quantity	Item number
X-FB 16 MX	16 mm	200 pc	286799 ¹⁾
X-FB 20 MX	20 mm	200 pc	286800
X-FB 25 MX	25 mm	200 pc	286802
X-FB 32 MX	32 mm	100 pc	286804 ¹⁾

¹⁾ 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



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

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

Ceiling clip X-ECC MX



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

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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



Fleet Management



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⁾
Fastener guide X-5-460-F8S12		1 pc	373317 ¹⁾
Fastener guide X-5-460-F8SS		1 pc	373318 ¹⁾
Piston X-5-460-P10		1 pc	373300 ¹⁾
Piston X-5-460-P8		1 pc	373297
Piston X-5-460-P8W		1 pc	373298 ¹⁾
Piston X-5-460-PGR		1 pc	305448 ¹⁾
Protective cap X-SGF		1 pc	304416
Washer holder X-5-460-WH23/36 packed		1 pc	373331 ¹⁾
Pole Tool X-PT 7ft for DX 5		1 pc	3579594
Receptacle X-PT 5 assy		1 pc	2150263
Cleaning kit DX-5-460		1 pc	372810

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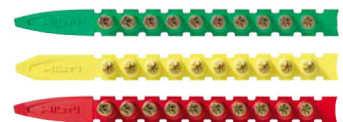
Ordering designation	Package contents	Sales pack quantity	Item number
DX 351 M+E	1x Powder-actuated tool DX 351 M+E, 1x Piston X-P8S-351, 1x Fastener guide X-FG8ME351 assy, 1x Cleaning kit DX 351, 1x Case	1 pc	373182

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



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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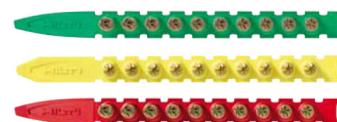
Ordering designation	Package contents	Sales pack quantity	Item number
DX 2	1x Powder-actuated tool DX 2, 1x Round brush 5/8, 1x Round brush, 1x Spares pack DX 2 packed, 1x Case	1 pc	2084169

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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

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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 15 P8 TH	15 mm	4 mm	100 pc	237328¹⁾
X-U 16 P8	16 mm	4 mm	100 pc	237330

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 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.

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

Standard nail with steel washer X-C P8 S



Ordering designation	Fastener shank length	Fastener shank diameter	Washer diameter	Sales pack quantity	Item number
X-C 27 P8S23	27 mm	3.5 mm	23 mm	1000 pc	2091396
X-C 32 P8S23	32 mm	3.5 mm	23 mm	1000 pc	2091399

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 16 P8	16 mm	3.7 mm	100 pc	247356 ¹⁾
X-CR 21 P8	21 mm	3.7 mm	100 pc	247358
X-CR 24 P8	24 mm	3.7 mm	100 pc	247359 ¹⁾
X-CR 29 P8	29 mm	3.7 mm	100 pc	247360 ¹⁾
X-CR 34 P8	34 mm	3.7 mm	100 pc	247361 ¹⁾
X-CR 39 P8	39 mm	3.7 mm	100 pc	247362 ¹⁾
X-CR 44 P8	44 mm	3.7 mm	100 pc	247363 ¹⁾

¹⁾ 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



Ordering designation	Sales pack quantity	Item number
X-ST-GR M8/5 P8	100 pc	2122209 ¹⁾
X-ST-GR M8/10 P8	100 pc	2122460 ¹⁾

¹⁾ 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



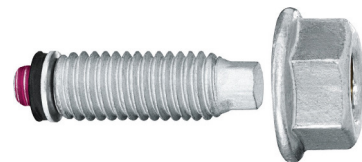
APPLICATIONS

- 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

ADVANTAGES

- The S-BT MF is easy to use and reliable – requires no electric supply cords or heavy equipment for installation
- Suitable for use in mildly corrosive environments (C3) on coated steel
- Easy installation in tight spaces
- No rework on coated steel
- No propellant required

Technical data	
Material composition	Carbon steel
Corrosion protection	Duplex coated
Environmental conditions	Outdoor, mildly corrosive
Max. tightening torque	8 Nm
Point type	Blunt tip
Base materials	Steel
Minimum thickness of base material (steel)	6 mm



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Ordering designation	Thickness fastened - max.	Sales pack quantity	Item number
S-BT MF M8/7 AN 6	7 mm	100 pc	2139174 ¹⁾
S-BT MF M8/15 AN 6	15 mm	100 pc	2148618 ¹⁾
S-BT MF M10/15 AN 6	15 mm	100 pc	2140528 ¹⁾

¹⁾ 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

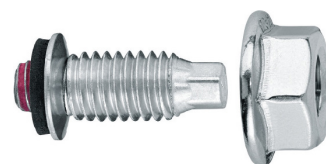
APPLICATIONS

- 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.

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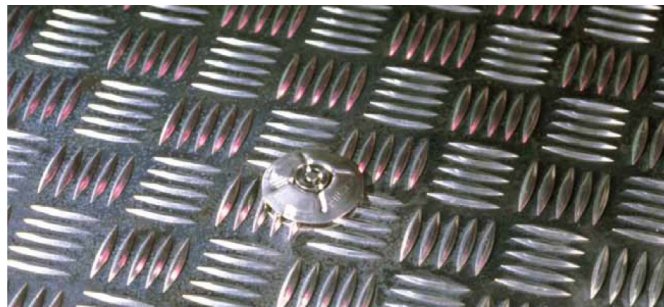
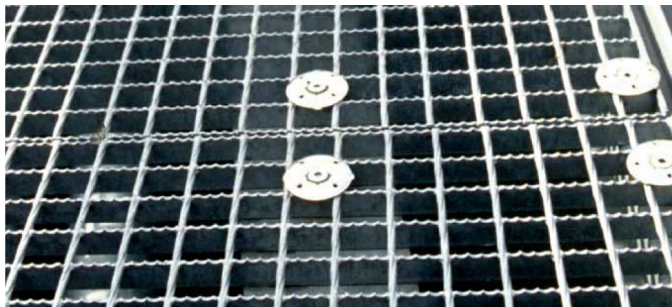
Setting equipment for S-BT

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



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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	2117357¹⁾
X-FCM-M 35/40	Steel	50 mm	Indoors, dry and non-corrosive environment	33 mm	35 - 40 mm	100 pc	2117359¹⁾
X-FCM-M 45/50	Steel	50 mm	Indoors, dry and non-corrosive environment	43 mm	45 - 50 mm	100 pc	2117390¹⁾

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 discs



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Ordering designation	Base materials	Diameter	Environmental conditions	Grating height	Sales pack quantity	Item number
X-FCM-R 25/30	Steel	50 mm	Marine, offshore, petrochemical, power plants, etc.	25 - 30 mm	100 pc	247181¹⁾
X-FCM-R 35/40	Steel	50 mm	Marine, offshore, petrochemical, power plants, etc.	35 - 40 mm	100 pc	247182¹⁾
X-FCM-R 45/50	Steel	50 mm	Marine, offshore, petrochemical, power plants, etc.	45 - 50 mm	100 pc	247183¹⁾

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

Checker plate fastener HDG X-FCP-F

APPLICATIONS

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

ADVANTAGES

- Duplex coated discs



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Ordering designation	Base materials	Diameter	Environmental conditions	Grating height	Sales pack quantity	Item number
X-FCP-F 5/10	Steel	45 mm	Indoors or mildly corrosive environment	5 - 13 mm	200 pc	308859 ¹⁾

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

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Checker plate fastener (stainless steel) X-FCP-R

APPLICATIONS

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

ADVANTAGES

- Stainless steel discs for high corrosion resistance



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Ordering designation	Base materials	Diameter	Environmental conditions	Grating height	Sales pack quantity	Item number
X-FCP-R 5/10	Steel	45 mm	Marine, offshore, petrochemical, power plants, etc.	5 - 13 mm	200 pc	308860 ¹⁾

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

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Sealing ring X-FCP



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

¹⁾ 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



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



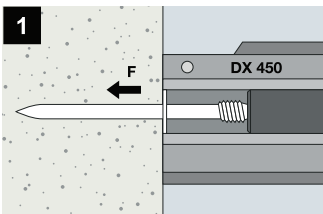
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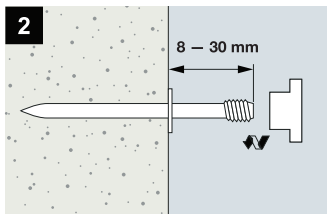
Ordering designation	Diameter	Sales pack quantity	Item number
DX 450 SCT	1x Powder-actuated tool DX 450 SCT assy, 1x Spares pack, 1x Cleaning kit DX 450, 1x Case	1 pc	233871

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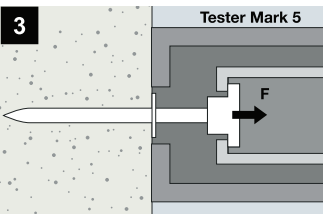
Application Procedures



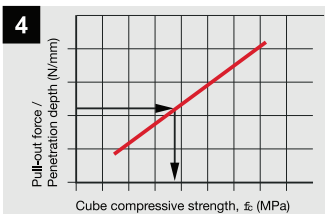
Using a Hilti DX 450 SCT tool, ten threaded studs are driven into the young concrete with a precisely defined driving force.



The threaded stud's depth of penetration-directly influenced by the strength of the concrete-can be accurately measured.



The Hilti Tester Mark 5 allows accurate measurement of the force required to pull threaded studs out of the concrete.



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

DX cartridge 6.8/11 M10

APPLICATIONS

- For use with DX 2, DX 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 450 SCT

Ordering designation		Sales pack quantity	Item number
45/SL1 base plate assembly		1 pc	00000732 ¹⁾
45/FL1 fastener guide		1 pc	00000730 ¹⁾
L140 piston guide		1 pc	00000787 ¹⁾
45/M6-8L piston		1 pc	88058 ¹⁾
X-M6-8-52D12 threaded stud (100 pcs/box)		1 pc	306050
X-M6-8-72D12 threaded stud (100 pcs/box)			306051
X-M6-8-95D12 threaded stud (100 pcs/box)			306052 ¹⁾
Tester Mark 5 Comprising Hilti Tester Mark 5, 0-5 kN force gauge, M6 adapter set and operating instructions, packed in an impact-resistant plastic Hilti toolbox		1 pc	236442 ¹⁾
Tester Mark 5 body only		1 pc	285523 ¹⁾
0-5 kN force gauge		1 pc	285525 ¹⁾
0-10 kN force gauge			285526 ¹⁾
0-15 kN force gauge			285527 ¹⁾
0-20 kN force gauge			285528 ¹⁾
0-25 kN force gauge			285529 ¹⁾
0-30 kN force gauge			274211 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