



**HILTI**

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FASTENING SYSTEMS.**

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**Powder-Actuated Tools and Fasteners**

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Tool		Applications	Base Material					
Powder-actuated tools			Hollow brick	Sand lime block	Masonry	Concrete	Steel	
DX 351	<b>DX 351-MX</b>  	<ul style="list-style-type: none"> <li>■ <b>Mechanical &amp; Electrical :</b> Fastening punched metal band for cable fixing. Fastening plastic electrical trunking.</li> </ul>	■	■	■	■		
	<b>DX 351-ME</b>  	<ul style="list-style-type: none"> <li>■ <b>Mechanical &amp; Electrical :</b> Fastening punched metal band for cable fixing Fastening threaded studs for variety of applications Fastening electrical boxes, cables, pipes and plastic electrical trunking</li> </ul>	■	■	■	■		
DX 460	<b>DX 460-MX</b>  	<ul style="list-style-type: none"> <li>■ <b>Construction :</b> Fastening mesh for render and plaster Temporary fastenings (barriers,...) Formwork and shuttering Fastenings for wall ties</li> </ul>			■	■		
	<b>DX 460 F8</b>  	<ul style="list-style-type: none"> <li>■ <b>Construction :</b> Fastening mesh for render and plaster Temporary fastenings (barriers,...) Formwork and shuttering Fastenings for wall ties Fastening insulating membranes</li> </ul>			■	■		
	<b>DX 460 X-IE</b>  	<ul style="list-style-type: none"> <li>■ <b>Construction :</b></li> <li>■ <b>Steel &amp; Metal :</b> Fastening composite thermal insulation systems</li> </ul>			■	■		
	<b>DX 460-GR</b>  	<ul style="list-style-type: none"> <li>■ <b>Energy &amp; Industry :</b> Fastening of grating and checker plate</li> <li>■ <b>Steel &amp; Metal :</b> Fastening of grating and checker plate</li> </ul>			■	■		
	X-BT	<b>DX 351-BT</b>  	<ul style="list-style-type: none"> <li>■ <b>Energy &amp; Industry :</b> Fastening on high strength steel. Fastening on coated or painted steel to avoid corrosion &amp; through penetration. Grating fixing. Electrical &amp; instrumentation fixing.</li> </ul>					■

Concrete  
Steel

Tool

Applications

Base Material

**Powder-actuated tools**

DX 462

**DX 462-CM / HM**



- **Energy & Industry :** Hot and cold marking on steel.
- **Steel & Metal :** Hot and cold marking on steel.

■

DX 76

**DX 76 PTR**



- **Steel & Metal :** Fastening of profiled metal sheets to steel  
Fastening of long span decks and liner trays for sheet steel roofing and cladding

■

■

**DX 76-HVB**



- **Steel & Metal :** Shear connector fastening for composite floor construction

■






















# Consumables for powder-actuated tools

Interior finishing						DX 460	DX 351 unit.	DX 351 MX
Designation	With magazined nails	With single nails	Dimension	Application				
X-C			Single nails : 15 ± 42 Magazine nails : 15 ± 27	Fastening of metal track, hat track for partition wall		■	■	■
X-HS	-		Internal thread: M6, M8 & M10	Fastening suspended ceiling on concrete and on steel		■	■	
X-CC			Nail length: 16, 22 & 27 mm	Fastening suspended components (i.e lights,...)		■	■	

Construction						DX 460	DX 460 X-IE
Designation	With magazined nails	With single nails	Dimension	Application			
X-U			Single nails P8 : 15 ± 72 Magazine nails : 16 ± 72	Fastening on steel, concrete & concrete block		■	
X-C			Single nails : 20 ± 117 Magazine nails : 20 ± 72	Fastening on concrete & concrete block		■	
X-FS			With pre-mounted nail: 52 & 72 mm	Fastening form stop for form working		■	
X-IE	-		30 ± 120 mm	Fastening insulation material			■
X-SW			With pre-mounted nail: 37, 47 & 62 mm	Fastening insulation material, sealing of buildings, felt matting		■	
R23/36			With pre-mounted nails: 27, 32, 37, 42, 47, 52 & 62 mm	Mesh fixing Waterproofing joint fixing		■	
X-CT	-		Magazine: 47 & 72 mm Single: 47 & 97 mm	Temporary fastening on concrete		■	

Steel & Metal						DX 76 PTR	DX 76 HVB	DX 460 GR	DX 351 BT
Designation	With magazined nails	With single nails	Dimension	Application					
X-ENP			19 mm	Fastening profile metal sheet		■			
X-ENP HVB			21 mm	Fastening shear connector for concrete-steel composite construction			■		
HVB	-		50 ± 140 mm						
X-CRM8	-		Thread diameter: M8 Thread length: 12 & 15 mm	Fastening grating and floor plate on steel structure				■	
X-FCM	-		For grating height: 25 to 30mm, 35 to 40 mm & 45 to 50 mm						
X-FCP	-		For floor plate height: 5 to 13 mm						
X-GRU	-		For grating height: 25 to 30mm & 35 to 40 mm	Fastening grating				■	
X-BT	-		Thread diameter: M8, M10, W10 Thread length: 15 mm, 24 mm	Fastening that avoid corrosion on painted or coated steel Fastening on high strength steel					■

**Mechanical and Electrical**

Designation	With magazined nails	With single nails	Dimension	Application		DX 460	DX 351 unit.	DX 351 MX
X-U			Single nails: 16 ± 27 mm Magazine nails: 16 ± 27 mm	Fastening on steel, concrete & concrete block		■	■	■
X-FB			With pre-mounted nail: Ø 8 to 50 mm	Fastening conduit and pipe		■	■	■
X-DFB			With pre-mounted nail: Ø 8 to 50 mm			■	■	■
X-EKS	-		Diameter 16, 20, 25, 32 & 40 mm	Fastening plastic pipe		■	■	
X-EKSC	-		Diameter 16, 20 & 25 mm			■	■	
X-EKB			With pre-mounted nail: 8 or 16 tankage cables (Ø 6mm) Without premounted nail: 4, 8 or 16 tankage cables (Ø 6mm)	Fastening electric cables		■	■	■
X-ECH	-		For 10, 20 or 30 tankage cables			■	■	
X-ET	-		-	Fastening electrical box & trunking		■	■	■
X-CC	-		Nail length: 16, 22 & 27 mm	Fastening suspended components (i.e lights, ...)		■		
X-HS	-		Internal thread: 6, 8 & 10 mm Nail length: 19, 27 & 32mm	Fastening suspended elements		■	■	
X-M studs for concrete	-		Thread diameter: M6, M8, M10 Thread length: 8 to 20 mm	Fastening various elements on steel & concrete		■	■	
X-EM studs for steel	-		Thread diameter: M6, M8, M10 Thread length: 8 to 20 mm			■	■	

## Powder Actuated Fastening Tool DX 460-F8

Automatic tool for a wide variety of applications.



### Fields of Application

- Fastening wall ties to steel or concrete columns
- Fastening threaded studs to steel or concrete
- Fastening ceiling clips for suspended ceiling

### Features and Benefits

- Versatile Wide range of specialized fasteners available
- Comfortable and safe working
- Great ergonomics with reduced recoil
- Fast, less tiring working possible
- Easy to take apart and almost maintenance free

### Technical Data

DX 460-F8	
Power source type	Powder-actuated
Power	325 J
Fastener length range	12 mm - 117 mm
Fastener Intake	Single
Weight	3.3 kg
Dimensions (LxWxH)	458 x 72 x 180 mm
Cartridge type	6.8/11
Cartridge color/level	Green, Yellow, Red, Black

<b>HILTI</b>	
<b>LIFETIME SERVICE</b>	<b>1 Year</b> NO COSTS
Lifetime	Lifetime
REPAIR COST LIMIT	MANUFACTURERS WARRANTY

*Piston and buffer not included in Lifetime Service*



### Ordering

Order Description	Package content	Item Number
Powder-actuated tool DX 460 F8	Supplied in an impact resistant toolbox, cleaning set, ear protector, Hilti Lubricant spray and operating instructions.	00305175

# Powder Actuated Fastening Tool DX 460 MX

Fully automatic tool with highly versatile magazine.



### Fields of Application

- For various applications on concrete and steel like formwork and general fastening work
- Fastening wall ties to concrete or steel columns
- Install temporary barriers
- Sill plate fastening for formwork

### Features and Benefits

- Fully automatic tool with highly versatile magazine
- High fastening rate, low overall in-place cost
- Great ergonomics with reduced recoil
- Fast, less tiring working possible
- Less time spent on tool maintenance

### Technical Data

DX 460 MX	
Power source type	Powder-actuated
Power	325 J
Fastener length range	12 mm - 72 mm
Fastener Intake	Collated
Weight	4 kg
Dimensions (LxWxH)	475 x 72 x 180 mm
Cartridge type	6.8/11
Cartridge color/level	Green, Yellow, Red, Black

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<b>HILTI</b>	<b>1</b> Year
<b>LIFETIME SERVICE</b>	<b>NO COSTS</b>
Lifetime	Lifetime
<b>REPAIR COST LIMIT</b>	<b>MANUFACTURERS WARRANTY</b>

*Piston and buffer not included in Lifetime Service*



### Ordering

Order Description	Package content	Item Number
<b>Powder-actuated tool DX 460 MX 72</b>	Supplied in an impact resistant toolbox, cleaning set, ear protector, Hilti lubricant spray and operating instructions.	<b>00371670</b>



## High Strength Universal Nail X-U



### Features and Benefits

- Driving depth indicator on the nail shank for easy selection of optimum nail length
- Thanks to the reliable hold achieved at reduced depth of penetration, shorter nails and less powerful cartridges can be used - resulting in lower recoil, lower costs and easier use
- Ballistic point for optimum driving characteristics
- Magazine for rapid fastening, greater convenience and increased efficiency

### Fields of Application

- Fastening wood to concrete (even high-strength concrete) or steel
- Setting up forming boards and safety barriers
- Fastening wall ties
- Installing suspended components, e.g. ceiling frames or pipes, on hard concrete or steel
- Fastening installation channels on roof beams and ceilings
- Securing flexible conduits, rigid conduits and cables to ceilings, walls and floors

### Ordering

Order Description	Base materials	Shank length	Shank diameter	Package quantity	Item Number
Gen'l purpose nail X-U 16 P8	Concrete, Steel	16 mm	4 mm	100 pc	00237330
Gen'l purpose nail X-U 19 P8	Concrete, Steel	19 mm	4 mm	100 pc	00237331
Gen'l purpose nail X-U 22 P8	Concrete, Steel	22 mm	4 mm	100 pc	00237332
Gen'l purpose nail X-U 27 P8	Concrete, Steel	27 mm	4 mm	100 pc	00237333
Gen'l purpose nail X-U 32 P8	Concrete, Steel	32 mm	4 mm	100 pc	00237334
Gen'l purpose nail X-U 37 P8	Concrete, Steel	37 mm	4 mm	100 pc	00237335
Gen'l purpose nail X-U 42 P8	Concrete, Steel	42 mm	4 mm	100 pc	00237336
Gen'l purpose nail X-U 47 P8	Concrete, Steel	47 mm	4 mm	100 pc	00237337
Gen'l purpose nail X-U 52 P8	Concrete, Steel	52 mm	4 mm	100 pc	00237338
Gen'l purpose nail X-U 57 P8	Concrete, Steel	57 mm	4 mm	100 pc	00237339
Gen'l purpose nail X-U 62 P8	Concrete, Steel	62 mm	4 mm	100 pc	00237340
Gen'l purpose nail X-U 72 P8	Concrete, Steel	72 mm	4 mm	100 pc	00237342

**High Strength Universal Nail  
X-U MX**



**Ordering**

Order Description	Base materials	Shank length	Shank diameter	Package quantity	Item Number
<b>Gen'l purpose nail X-U 16 MX</b>	Concrete, Steel	16 mm	4 mm	100 pc	00237344
<b>Gen'l purpose nail X-U 19 MX</b>	Concrete, Steel	19 mm	4 mm	100 pc	00237345
<b>Gen'l purpose nail X-U 22 MX</b>	Concrete, Steel	22 mm	4 mm	100 pc	00237346
<b>Gen'l purpose nail X-U 27 MX</b>	Concrete, Steel	27 mm	4 mm	100 pc	00237347
<b>Gen'l purpose nail X-U 32 MX</b>	Concrete, Steel	32 mm	4 mm	100pc	00237348
<b>Gen'l purpose nail X-U 37 MX</b>	Concrete, Steel	37 mm	4 mm	100 pc	00237349
<b>Gen'l purpose nail X-U 42 MX</b>	Concrete, Steel	42 mm	4 mm	100 pc	00237350
<b>Gen'l purpose nail X-U 47 MX</b>	Concrete, Steel	47 mm	4 mm	100 pc	00237351
<b>Gen'l purpose nail X-U 52 MX</b>	Concrete, Steel	52 mm	4 mm	100 pc	00237352
<b>Gen'l purpose nail X-U 57 MX</b>	Concrete, Steel	57 mm	4 mm	100 pc	00237353
<b>Gen'l purpose nail X-U 62 MX</b>	Concrete, Steel	62 mm	4 mm	100 pc	00237354
<b>Gen'l purpose nail X-U 67 MX</b>	Concrete, Steel	67 mm	4 mm	100 pc	00237355
<b>Gen'l purpose nail X-U 72 MX</b>	Concrete, Steel	72 mm	4 mm	100 pc	00237356

**High Strength Universal Nail with Washer  
X-U S**



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**Ordering**

Order Description	Shank length	Shank diameter	Washer size	Package quantity	Item Number
<b>Gen'l purpose nail X-U 27 P8 S15</b>	27 mm	4 mm	15 mm	100 pc	00237371
<b>Gen'l purpose nail X-U 32 P8 S15</b>	32 mm	4 mm	15 mm	100 pc	00237372
<b>Gen'l purpose nail X-U 32 P8 S36</b>	32 mm	4 mm	36 mm	100 pc	00237374

**General Purpose Nail for Applications on Concrete  
X-C P8**



**Ordering**

Order Description	Base materials	Shank length	Shank diameter	Package quantity	Item Number
<b>Gen'l purpose nail X-C 22 P8</b>	Concrete	22 mm	3.5 mm	1000 pc	00388527
<b>Gen'l purpose nail X-C 27 P8</b>	Concrete	27 mm	3.5 mm	1000 pc	00388528
<b>Gen'l purpose nail X-C 32 P8</b>	Concrete	32 mm	3.5 mm	1000 pc	00388529
<b>Gen'l purpose nail X-C 37 P8</b>	Concrete	37 mm	3.5 mm	1000 pc	00388530
<b>Gen'l purpose nail X-C 42 P8</b>	Concrete	42 mm	3.5 mm	1000 pc	00388531
<b>Gen'l purpose nail X-C 47 P8</b>	Concrete	47 mm	3.5 mm	1000 pc	00388532
<b>Gen'l purpose nail X-C 52 P8</b>	Concrete	52 mm	3.5 mm	1000 pc	00388533
<b>Gen'l purpose nail X-C 62 P8</b>	Concrete	62 mm	3.5 mm	100 pc	00388541
<b>Gen'l purpose nail X-C 72 P8</b>	Concrete	72 mm	3.5 mm	100 pc	00388542
<b>Gen'l purpose nail X-C 82 P8</b>	Concrete	82 mm	3.7 mm	100 pc	00360930
<b>Gen'l purpose nail X-C 97 P8</b>	Concrete	97 mm	3.7 mm	100 pc	00360931
<b>Gen'l purpose nail X-C 117 P8</b>	Concrete	117 mm	3.7 mm	100 pc	00360933

## General Purpose Nail for Applications on Concrete X-C MX



### Ordering

Order Description	Base materials	Shank length	Shank diameter	Package quantity	Item Number
Gen'l purpose nail X-C 20 MX	Concrete	20 mm	3.5 mm	1000 pc	00388509
Gen'l purpose nail X-C 20 MX	Concrete	20 mm	3.5 mm	100 pc	00388518
Gen'l purpose nail X-C 27 MX	Concrete	27 mm	3.5 mm	100 pc	00388519
Gen'l purpose nail X-C 27 MX	Concrete	27 mm	3.5 mm	1000 pc	00388510
Gen'l purpose nail X-C 32 MX	Concrete	32 mm	3.5 mm	1000 pc	00388511
Gen'l purpose nail X-C 32 MX	Concrete	32 mm	3.5 mm	100 pc	00388520
Gen'l purpose nail X-C 37 MX	Concrete	37 mm	3.5 mm	1000 pc	00388512
Gen'l purpose nail X-C 37 MX	Concrete	37 mm	3.5 mm	100 pc	00388521
Gen'l purpose nail X-C 42 MX	Concrete	42 mm	3.5 mm	1000 pc	00388513
Gen'l purpose nail X-C 47 MX	Concrete	47 mm	3.5 mm	1000 pc	00388514
Gen'l purpose nail X-C 47 MX	Concrete	47 mm	3.5 mm	100 pc	00388523
Gen'l purpose nail X-C 52 MX	Concrete	52 mm	3.5 mm	1000 pc	00388515
Gen'l purpose nail X-C 52 MX	Concrete	52 mm	3.5 mm	100 pc	00388524
Gen'l purpose nail X-C 62 MX	Concrete	62 mm	3.5 mm	1000 pc	00388516
Gen'l purpose nail X-C 62 MX	Concrete	62 mm	3.5 mm	100 pc	00388525
Gen'l purpose nail X-C 72 MX	Concrete	72 mm	3.5 mm	1000 pc	00388517
Gen'l purpose nail X-C 72 MX	Concrete	72 mm	3.5 mm	100 pc	00388526

## Formwork Nail X-CT DP8

Temporary fastening with marked pre-determined breaking point.



### Ordering

Order Description	Shank length	Shank diameter	Package quantity	Item Number
Forming nail X-CT 47 DP8	47 mm	3.7 mm	100 pc	00383582
Forming nail X-CT 52 DP8	52 mm	3.7 mm	100 pc	00383583
Forming nail X-CT 62 DP8	62 mm	3.7 mm	100 pc	00383585
Forming nail X-CT 72 DP8	72 mm	3.7 mm	100 pc	00383586
Forming nail X-CT 97 DP8	97 mm	3.7 mm	100 pc	00383587

## Formwork Nail X-CT MX

Temporary fastening with marked pre-determined breaking point.



### Ordering

Order Description	Shank length	Shank diameter	Package quantity	Item Number
Forming nail X-CT 37 MX	37 mm	3.7 mm	100 pc	00383574
Forming nail X-CT 42 MX	42 mm	3.7 mm	100 pc	00383575
Forming nail X-CT 47 MX	47 mm	3.7 mm	1000 pc	00383588
Forming nail X-CT 52 MX	52 mm	3.7 mm	1000 pc	00383589
Forming nail X-CT 62 MX	62 mm	3.7 mm	1000 pc	00383591

**General Purpose Nail for Applications on Concrete  
X-C P8S**



**Ordering**

Order Description	Base materials	Shank length	Shank diameter	Washer size	Package quantity	Item Number
<b>Gen'l purpose nail X-C 27 P8S23</b>	Concrete	27 mm	3.5 mm	23 mm	1000 pc	<b>00388543</b>
<b>Gen'l purpose nail X-C 32 P8S23</b>	Concrete	32 mm	3.5 mm	23 mm	1000 pc	<b>00388544</b>
<b>Gen'l purpose nail X-C 37 P8S23</b>	Concrete	37 mm	3.5 mm	23 mm	1000 pc	<b>00388545</b>
<b>Gen'l purpose nail X-C 42 P8S23</b>	Concrete	42 mm	3.5 mm	23 mm	1000 pc	<b>00388546</b>
<b>Gen'l purpose nail X-C 47 P8S23</b>	Concrete	47 mm	3.5 mm	23 mm	1000 pc	<b>00388547</b>
<b>Gen'l purpose nail X-C 37 P8S36</b>	Concrete	37 mm	3.5 mm	36 mm	1000 pc	<b>00388553</b>
<b>Gen'l purpose nail X-C 52 P8S36</b>	Concrete	52 mm	3.5 mm	36 mm	1000 pc	<b>00388554</b>
<b>Gen'l purpose nail X-C 62 P8S36</b>	Concrete	62 mm	3.5 mm	36 mm	1000 pc	<b>00388555</b>

**Stainless Steel Nail  
X-CR**



**Ordering**

Order Description	Base materials	Shank length	Shank diameter	Package quantity	Item Number
<b>Gen'l purpose nail X-CR 16 P8</b>	Concrete, Steel	16 mm	3.7 mm	100 pc	<b>00247356</b>
<b>Gen'l purpose nail X-CR 18 P8</b>	Concrete, Steel	18 mm	3.7 mm	100 pc	<b>00247357</b>
<b>Gen'l purpose nail X-CR 21 P8</b>	Concrete, Steel	21 mm	3.7 mm	100 pc	<b>00247358</b>
<b>Gen'l purpose nail X-CR 24 P8</b>	Concrete, Steel	24 mm	3.7 mm	100 pc	<b>00247359</b>
<b>Gen'l purpose nail X-CR 29 P8</b>	Concrete, Steel	29 mm	3.7 mm	100 pc	<b>00247360</b>
<b>Gen'l purpose nail X-CR 34 P8</b>	Concrete, Steel	34 mm	3.7 mm	100 pc	<b>00247361</b>
<b>Gen'l purpose nail X-CR 39 P8</b>	Concrete, Steel	39 mm	4 mm	100 pc	<b>00247362</b>

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**Collated Cartridges  
6.8/11M**



**Ordering**

Order Description	Cartridge color/level	Cartridge intake	Package quantity	Item Number
<b>Special cartridge 6,8/11 M white</b>	White	Collated	100 pc	<b>00333318</b>
<b>Special cartridge 6,8/11 M green</b>	Green	Collated	100 pc	<b>00050351</b>
<b>Special cartridge 6,8/11 M BULK white</b>	White	Collated	1000 pc	<b>00333317</b>
<b>Special cartridge 6,8/11 M yellow</b>	Yellow	Collated	100 pc	<b>00050352</b>
<b>Special cartridge 6,8/11 M red</b>	Red	Collated	100 pc	<b>00050353</b>
<b>Special cartridge 6,8/11 M black</b>	Black	Collated	100 pc	<b>00050354</b>
<b>Special cartridge 6,8/11 M BULK yellow</b>	Yellow	Collated	1000 pc	<b>00050372</b>
<b>Special cartridge 6,8/11 M BULK red</b>	Red	Collated	1000 pc	<b>00050373</b>

## Forming Stop X-FS



### Ordering

Order Description	Shank diameter	Shank length	Washer size	Package quantity	Item Number
<b>Forming spacer X-FS MX</b>			50 mm	100 pc	<b>00408022</b>
<b>Forming spacer X-FS C52</b>	4 mm	52 mm	50 mm	100 pc	<b>00407346</b>

## Ceiling Clip for Suspended Ceiling X-CC U



### Ordering

Order Description	Shank length	Base materials	Package quantity	Item Number
<b>Ceiling clip X-CC U22 P8</b>	22 mm	Concrete (reinforced)	100 pc	<b>00386229</b>
<b>Ceiling clip X-CC U27 P8</b>	27 mm	Concrete	100 pc	<b>00386230</b>

## Universal Nail X-HS U



### Ordering

Order Description	Thread diameter	Shank length	Base materials	Package quantity	Item Number
<b>Ceiling hanger X-HS M6 U19 P8 S15</b>	M6	19 mm	Concrete, Steel	100 pc	<b>00386213</b>
<b>Ceiling hanger X-HS M8 U19 P8 S15</b>	M8	19 mm	Steel, Concrete	100 pc	<b>00386214</b>
<b>Ceiling hanger X-HS M10 U19 P8 S15</b>	M10	19 mm	Concrete, Steel	100 pc	<b>00386215</b>
<b>Ceiling hanger X-HS M6 U27 P8 S15</b>	M6	27 mm	Steel, Concrete	100 pc	<b>00386223</b>
<b>Ceiling hanger X-HS M8 U27 P8 S15</b>	M8	27 mm	Concrete, Steel	100 pc	<b>00386224</b>
<b>Ceiling hanger X-HS M10 U27 P8 S15</b>	M10	27 mm	Steel, Concrete	100 pc	<b>00386225</b>
<b>Ceiling hanger X-HS M6 U32 P8 S15</b>	M6	32 mm	Concrete	100 pc	<b>00361788</b>
<b>Ceiling hanger X-HS M8 U32 P8 S15</b>	M8	32 mm	Concrete	400 pc	<b>00361789</b>
<b>Ceiling hanger X-HS M10 U32 P8 S15</b>	M10	32 mm	Concrete	400 pc	<b>00361790</b>

**Threaded Stud for Concrete (Metric)  
X-M**



**Ordering**

Order Description	Thread diameter	Thread length	Shank length	Package quantity	Item Number
<b>Threaded stud X-M6-8-17FP8</b>	M6	8 mm	17 mm	100 pc	00306080
<b>Threaded stud X-M6-8-22FP8</b>	M6	8 mm	22 mm	100 pc	00306081
<b>Threaded stud X-M6-8-27FP8</b>	M6	8 mm	27 mm	100 pc	00306082
<b>Threaded stud X-M6-11-17FP8</b>	M6	11 mm	17 mm	100 pc	00306489
<b>Threaded stud X-M6-11-22FP8</b>	M6	11 mm	22 mm	100 pc	00306076
<b>Threaded stud X-M6-11-27FP8</b>	M6	11 mm	27 mm	100 pc	00306077
<b>Threaded stud X-M6-20-22FP8</b>	M6	20 mm	22 mm	100 pc	00306078
<b>Threaded stud X-M6-20-27FP8</b>	M6	20 mm	27 mm	100 pc	00306079
<b>Threaded stud X-M8-15-27P8</b>	M8	15 mm	27 mm	100 pc	00306092
<b>Threaded stud X-M8-20-32P8</b>	M8	20 mm	32 mm	100 pc	00306096

**Threaded Stud for Steel  
X-EM**



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**Ordering**

Order Description	Thread diameter	Thread length	Shank length	Package quantity	Item Number
<b>Threaded stud X-EM6H-8-9FP8</b>	M6	8 mm	9 mm	100 pc	00271965
<b>Threaded stud X-EM6H-11-9FP8</b>	M6	11 mm	9 mm	100 pc	00271963
<b>Threaded stud X-EM6H-20-9FP8</b>	M6	20 mm	9 mm	100 pc	00271961
<b>Threaded stud X-EM8H-11-12P8</b>	M8	11 mm	12 mm	100 pc	00271983
<b>Threaded stud X-EM8H-15-12P8</b>	M8	15 mm	12 mm	100 pc	00271981

## Insulation Fastener for Rigid Insulation X-IE 6



### Ordering

Order Description	Washer size	Thickness Insulation Material	Package quantity	Item Number
Insulation fastener X-IE 6-30	60 mm	30 mm	300 pc	00283991
Insulation fastener X-IE 6-40	60 mm	40 mm	300 pc	00376466
Insulation fastener X-IE 6-50	60 mm	50 mm	300 pc	00376468
Insulation fastener X-IE 6-60	60 mm	60 mm	300 pc	00376469
Insulation fastener X-IE 6-70	60 mm	70 mm	200 pc	00376470
Insulation fastener X-IE 6-80	60 mm	80 mm	200 pc	00376472
Insulation fastener X-IE 6-90	60 mm	90 mm	200 pc	00376473
Insulation fastener X-IE 6-100	60 mm	100 mm	200 pc	00376474
Insulation fastener X-IE 6-120	60 mm	120 mm	150 pc	00376475
Insulation fastener X-IE 6-140	60 mm	140 mm	150 pc	00283339

## Insulation Fastener for Soft Insulation X-IE 9



### Ordering





Order Description	Washer size	Thickness Insulation Material	Package quantity	Item Number
Insulation fastener X-IE 9-50	90 mm	50 mm	150 pc	00376477
Insulation fastener X-IE 9-60	90 mm	60 mm	150 pc	00376478
Insulation fastener X-IE 9-70	90 mm	70 mm	100 pc	00376479
Insulation fastener X-IE 9-75	90 mm	75 mm	100 pc	00376480
Insulation fastener X-IE 9-80	90 mm	80 mm	100 pc	00376481
Insulation fastener X-IE 9-100	90 mm	100 mm	100 pc	00376482
Insulation fastener X-IE 9-120	90 mm	120 mm	100 pc	00376483

## Accessories

Order Description		DX 351 ME/ DX 351 MX	DX 462 CM/ DX 462 HM	DX 460	DX 460 MX	DX 460 IE	DX 460 GR	Item Number
Fastener guide X-FG8ME351 assy		■						00331300
Nail magazine X-MX 27 assy		■						00333315
Piston X-P8S-351		■						00331047
Fastener guide X-FG8L351 assy		■						00331339
Piston X-P8L-351		■						00331193
Nail magazine MX 72 assy				■	■			00370844
Fastener guide X-460-F8				■	■			00304529
Washer holder X-460-WH23/36 packed				■	■			00373331
Fastener guide X-460-F8SS				■	■			00373318
Piston X-460-P8				■	■			00373297
Buffer X-460-B				■	■	■	■	00373330
Piston X-460-P10				■	■			00373300
Fastener guide X-460-F10				■	■			00373319
Fastener guide X-460-TGR							■	00386124
Fastener guide X-460 F8GR							■	00386012
Piston X-460-PGR							■	00305448
Centering device X-460-F8GR-CD25							■	00386010
Centering device X-460-F8GR-CD30							■	00386011
Fastener guide X-460 FIE-L						■		00377812



## Accessories

Order Description		DX 351 ME/DX 351 MX	DX 462 CM/DX 462 HM	DX 460	DX 460 MX	DX 460 IE	DX 460 GR	Item Number
Piston X-460 PIE-L						■		00377813
Marking head X-462-HM			■					00267999
Marking head X-462-CM			■					00282319
Piston X-462-PM			■					00376231

## Marking Characters HMC



### Ordering

Order Description	Marking character height	Marking character width	Item Number
Marking character X-MC S 8/10 0-9 set	10 mm	8 mm	00007743
Marking character X-MC S 8/10 A-Z set	10 mm	8 mm	00007744
Marking character X-MC S 5.6/10 0-9 set	10 mm	5.6 mm	00007621
Marking character X-MC S 5.6/10 A-Z set	10 mm	5.6 mm	00007622
Case			00007767

## Grating Fastening Disc X-FCM



Material: Zinc coated

Order Description	Thickness fastened - min	Thickness fastened - max	Package quantity	Item Number
Grating disc X-FCM 25/30	25 mm	30 mm	100 pc	00026582
Grating disc X-FCM 35/40	35 mm	40 mm	100 pc	00026583
Grating disc X-FCM 45/50	45 mm	50 mm	100 pc	00026584

# Powder Actuated Fastening Tool DX 351 BT G / DX 351 BT

Work without rework.



### Fields of Application

- All electrical installation applications
- Fastening cable tray, channel, strut
- Grounding / earthing
- Offshore grating

### Features and Benefits

- Electrical applications with DX 351 BT and grating applications with DX 351 BTG
- No damage to coated steel
- No limits on high strength steels
- No through penetration
- Lightweight and small tool with low recoil for increased user comfort and productivity

### Technical Data

DX 351 BT G	
Power source type	Powder-actuated
Power	245 J
Fastener Intake	Single nails
Weight	2.36 kg
Cartridge type	6.8/11
DX 351 BT	
Weight	2.28 kg

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<b>HILTI</b>	<b>1</b> Year
<b>LIFETIME SERVICE</b>	<b>NO COSTS</b>
Lifetime	Lifetime
<b>REPAIR COST LIMIT</b>	<b>MANUFACTURERS WARRANTY</b>

*Piston and buffer not included in Lifetime Service*



### Ordering

Order Description	Package content	Item Number
<b>Powder-actuated tool DX 351 BT G</b>	Supplied in an impact resistant toolbox, cleaning set, ear protector, Hilti lubricant spray and operating instructions.	<b>00377624</b>
<b>Powder-actuated tool DX 351 BT</b>		<b>00377615</b>

# Powder Actuated Fastening Tool DX 76-PTR

Controlled fastening power for siding and decking on 3 mm and thicker.



### Fields of Application

- Fastening system with construction supervisory authority approval, for highly-stressed joints, fastening profile metal sheets, liner trays and steel composite systems on steel supports with a thickness of 3 mm or more.

### Features and Benefits

- Innovative PTR (punch through resistance) system plus the well-proven piston principle ensure maximum safety for users and bystanders
- High fastening quality even on thin substructures
- Reliable magazine system
- Rugged design for reliable, quick and efficient operation drives fasteners at the average rate of 600 per hour
- Easy assembly and disassembly for on-the-spot maintenance, no tools required
- Superior ergonomic design
- Perfectly padded grip area
- Comfortable, non-slip cycling grip
- Excellent balance, less tiring to use

### Technical Data

DX 76-PTR	
Max. fastener driving rate	600 per hour
Power source type	Powder-actuated
Power	520 J
Fastener types	X-ENP-19 L15 MX, X-ENP2K-20 L15 MX
Fastener Intake	10 nails
Weight	4.4 kg
Dimensions (LxWxH)	464 x 104 x 352 mm
Cartridge type	6.8/18
Cartridge color/level	Green, Blue, Red, Black

<b>HILTI</b>	<b>1</b> Year
<b>LIFETIME SERVICE</b>	<b>NO COSTS</b>
Lifetime	Lifetime
<b>REPAIR COST LIMIT</b>	<b>MANUFACTURERS WARRANTY</b>

*Piston and buffer not included in Lifetime Service*

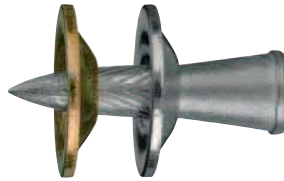


### Ordering

Order Description	Package Content	Item Number
<b>Powder-actuated tool DX 76 PTR</b>	DX 76 PTR equipped with MX 76 PTR magazine and supplied in an impact-resistant plastic toolbox complete with cleaning set, ear protectors, standoff gauge and Hilti lubricant spray.	<b>00388219</b>

**Nail  
X-ENP-19 L15**

For steel base material thickness: 6 mm up to solid steel.



**Ordering**

Order Description	Package Quantity	Item Number
Sheet metal nail X-ENP-19 L15	100 pc	00283506

**Nail  
X-ENP-19 L15MX**

For steel base material thickness: 6 mm up to solid steel.



**Ordering**

Order Description	Package Quantity	Item Number
Sheet metal nail X-ENP-19 L15MX	1000 pc	00283507

**MX Nail  
X-ENP2K-20 MX**

For thin steel base material thickness: from 2.7 mm to 6 mm.



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**Ordering**

Order Description	Package Quantity	Item Number
Sheet metal nail X-ENP2K-20 L15 MX	1000 pc	00385134

**Nail  
X-ENP2K-20**

For thin steel base material thickness: from 2.7 mm to 6 mm.



**Ordering**

Order Description	Package Quantity	Item Number
Sheet metal nail X-ENP2K-20 L15	100 pc	00385133

**Sealing Cap  
SDK2/PDK2**



**Ordering**

Order Description	Package Quantity	Item Number
Sealing cap PDK2	100 pc	00052709
Sealing cap SDK2	100 pc	00052708
Setting tool SDK2	1 pc	00059300
Setting tool PDK2	1 pc	00059301

## Grating Fasteners X-GR RU



Material: A4 nail, other components are duplex coated

Order Description	Thickness fastened range	Rec. tensile load	Package quantity	Item Number
<b>Grating disc X-GR RU 25/30 CR20 P8</b>	25mm - 30mm	0.8 kN	100 pc	<b>00384239</b>
<b>Grating disc X-GR RU 35/40 CR20 P8</b>	35mm - 40mm	0.8 kN	100 pc	<b>00384240</b>

## Grating Fasteners X-GR



Material: A4 nail, other components are duplex coated

Order Description	Grating height	Rec. tensile load	Package quantity	Item Number
<b>Grating disc X-GR 25 CR16 P8</b>	25 mm	0.6 kN	100 pc	<b>00384235</b>
<b>Grating disc X-GR 30 CR16 P8</b>	30 mm	0.6 kN	100 pc	<b>00384236</b>
<b>Grating disc X-GR 35 CR16 P8</b>	35 mm	0.6 kN	100 pc	<b>00384237</b>

## Grating Fastener X-MGR

Mechanical fastener. No DX tool required for installation.



### Ordering

Order Description	Thickness fastened range	Rec. tensile load	Material composition	Package quantity	Item Number
<b>Grating disc X-MGR M60</b>	25mm - 40mm	0.6 kN	Hot dipped galvanized	20 pc	<b>00384233</b>

**Grating Fastening Disc  
X-FCM-M**



**Ordering**

Order Description	Thickness fastened - min	Thickness fastened - max	Material composition	Package quantity	Item Number
<b>Grating disc X-FCM-M 25/30</b>	25 mm	30 mm	Hot dipped galvanized	100 pc	00378683
<b>Grating disc X-FCM-M 35/40</b>	35 mm	40 mm	Hot dipped galvanized	100 pc	00378684
<b>Grating disc X-FCM-M 45/50</b>	45 mm	50 mm	Hot dipped galvanized	100 pc	00378685

**Grating Fastening Disc  
X-FCM-R**



**Ordering**

Order Description	Thickness fastened - min	Thickness fastened - max	Material composition	Package quantity	Item Number
<b>Grating disc X-FCM-R 25/30</b>	25 mm	30 mm	Stainless steel	100 pc	00247181
<b>Grating disc X-FCM-R 35/40</b>	35 mm	40 mm	Stainless steel	100 pc	00247182
<b>Grating disc X-FCM-R 45/50</b>	45 mm	50 mm	Stainless steel	100 pc	00247183



**Checkerplate Fastening Disc  
X-FCP**



**Ordering**

Order Description	Thickness fastened - min	Thickness fastened - max	Material composition	Package quantity	Item Number
<b>Grating disc X-FCP-F 5/10</b>	5 mm	13 mm	Hot dipped galvanized	200 pc	00308859
<b>Grating disc X-FCP-R 5/10</b>	5 mm	13 mm	Stainless steel	200 pc	00308860
<b>Sealing ring X-FCP</b>				200 pc	00308856

**Accessories**

Order Description	Item Number
<b>Assembly tool</b>	00063222
<b>Crank 320X100</b>	00087903
<b>Screwdriver bit S-B HEX5</b>	00080223
<b>Screwdriver bit S-NSX 2,8X15</b>	00309218

## Threaded Stud for Coated Steel X-BT

On land, at sea, to steel it's the revolutionary fastener that makes rework a thing of the past.



### Features and Benefits

- 100 studs per hour can be easily set by one user
- No through-penetration of base material
- Highly corrosion-resistant A4 (AISI 316) stainless steel
- High loading and pullout values equal, if not surpass, most conventional techniques
- Works on most steel shapes and thicknesses down to 8 mm (5/16")

### Fields of Application

- Grating and outfitting
- Cable tray, channel, strut
- Light duty electrical (T-Bars)



### Ordering

Material: Stainless steel



Order Description	Thread diameter	Thread length	Package quantity	Item Number
<b>Threaded stud X-BT M8-15-6 SN12-R</b>	M8	14 mm	100 pc	<b>00377074</b>
<b>Threaded stud X-BT M10-24-6 SN12-R</b>	M10	24 mm	100 pc	<b>00377078</b>
<b>Threaded stud X-BT W10-24-6 SN12-R</b>	W 10	24 mm	100 pc	<b>00377076</b>

## High precision cartridges 6.8/11M



### Ordering

Order Description	Cartridge color/level	Cartridge intake	Package quantity	Item Number
<b>Special cartridge 6,8/11 M brown</b>	Brown	Collated	100 pc	<b>00377204</b>

