



PACKAGING DESIGN

Guidelines

Tools

Version 1.1
Dec 2022



HILTI CORPORATE PACKAGING DESIGN

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INTRODUCTION

Corporate Packaging Design Guideline

The Corporate Packaging Design Guideline is the instrument for equipping our products with effective and high-grade packaging, for giving our differentiation a fine edge by means of a unique, consistent brand image, and for facilitating an efficient idea-to-order process for the creation of our packaging.

The present Guideline is a binding directive and reference guide directed toward all employees and external suppliers who, during their activities, develop, commission or produce packaging items.

It is intended as an effective tool and contains all the layout rules necessary for the creation of Hilti packagings.

The Guideline is structured as follows:

Basics (Section 1)

This section contains all the important definitions relating to the brand-design-shaping elements, including logo, colors, typeface and work-material backgrounds.

Product categories (Sections 2 and 3)

These sections contain the templates of the standard packagings – the role models – for the individual product groups. The Guideline is structured in such a way that all the layout specifics of the packaging role model can be applied to each product within its defined group. This helps make finalizing the details of packaging creation as effective and practical as possible.

Diverse examples of applications (Section 4)

As an overview, this section contains diverse examples of applications for other product categories and special applications.

Packaging + internal matters (annexes)

The Corporate Packaging Design Guideline is explicitly intended as a working instrument. Consequently, the sections (and sub-sections, if applicable) can be supplemented as necessary by annexes setting out additional logistical information, for example. **Annexes are marked accordingly and are for company-internal use only.**

Guidelines

The packaging role models in this Guideline define the packaging solutions for all current product categories.

Their design is to be implemented consistently in all newly created packagings. Invariably, exceptions to this rule must be approved by the appropriate HDV Visual Design and Head of Marketing, by the stakeholding BU and by CP Corporate Packaging.

Contact CP Corporate Packaging for packaging implementation. Contact HDV Visual Design for packaging and label graphic design and artwork. As central points of contact, both departments are available to fully support in the creation process for Hilti product packaging and graphic design.

Additional annotations

This Guideline is created digitally. Consequently, slight color deviations are possible. The specifications in writing are binding.

In most cases, drawings and packagings are not shown in original size. Dimensions are in millimeters, unless otherwise stated.

The Packaging Design Guidelines are owned by HDV.



2. TOOLS

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2.1 / TOOLS (CORDED, MECHANICAL, POWDER, GAS) Definition and Examples



2.1.1 / CASE Types

Case designation	Outside dimensions [mm]	Produced in	Item number	Inner block size
Hilti Boy	270 × 195 × 70	Europe	2227459	257 × 129 × 55,5 (62,5)
PRC_5_10	395 × 295 × 103	China	2206677	380 × 207 × 84 (93)
PRC_10_10	395 × 362 × 119	China	2206674	378 × 275 × 100 (109)
PRC_20_10	444 × 395 × 119	China	2284941	425 × 308 × 99 (109)
EU_30_05	495 × 395 × 121	Europe	n.A.	477 × 305 × 99 (111)
EU_30_10	495 × 395 × 149	Europe	2206513	474 × 305 × 127 (139)
PRC_30_10	495 × 395 × 149	China	2206513	474 × 305 × 127 (139)
EU_30_20	495 × 395 × 242	Europe	2206676	476 × 286 × 219 (231)
EU_30_30	495 × 395 × 340	Europe	2264931	472 × 298 × 316 (328)
EU_40_10	595 × 461 × 149	Europe	2206514	573 × 371 × 126 (138)
PRC_40_10	595 × 461 × 149	China	2206514	573 × 371 × 126 (138)
EU_40_20	595 × 461 × 175	Europe	2206515	571 × 366 × 152 (164)
EU_50_10	695 × 486 × 175	Europe	2206516	671 × 392 × 151 (163)
EU_60_10	795 × 439 × 195	Europe	2206673	769 × 340 × 171 (183)

The current Hilti tool case is modular in design and is available in the sizes listed here on the left.

In addition to the components of the hardshells, handles and catches, which are pre-defined, the following components are individually adapted to the relevant product:

- Individually produced plastic insert, designed to hold standard tools or promotions
- Individual printing on the defined product nametags (see Page 29 ff.)
- Individual label (see Page 32)
- Optional in-case sticker (see Page 33 f.)

Caption

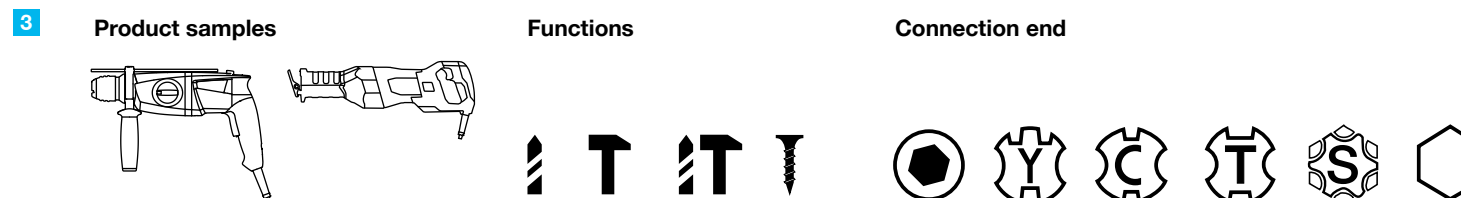
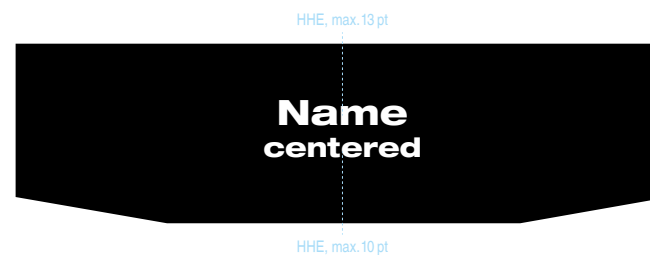
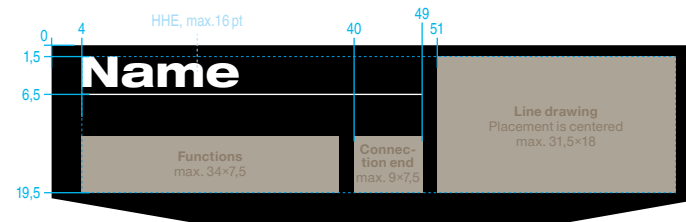
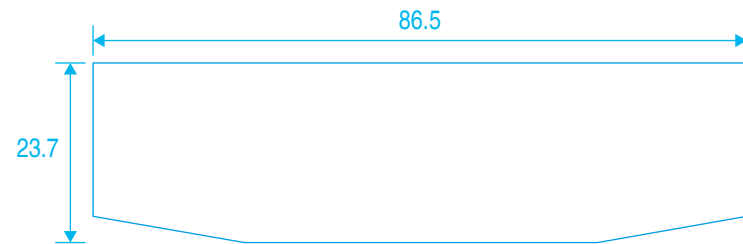
PRC = Made in China

EU = Made in Switzerland

For further questions or information please contact CP.



2.1.1 / CASE Clips



1 Printing on tool cases

The printing on the clip is as illustrated and consists of the name, product depiction, function symbol and symbol depicting the insertion end of the accessory tool. Other content is not allowed.

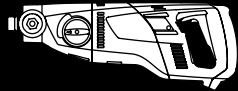
2 Printing on consumables / demo cases

3 Symbols

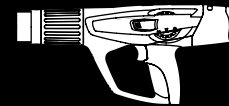
There might be more than one function symbol, depending on the type of tool, but only one symbol depicting the appropriate connection end can be used

2.1.1 / CASE Clips – Examples

DD 110



DX 5



SR 30



TE 6-CL

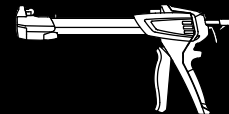
IT IT



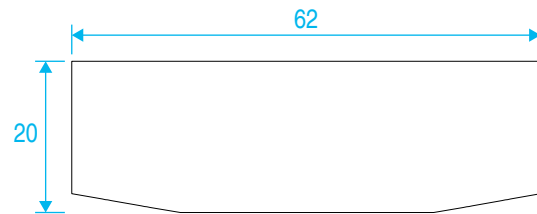
GX 3



HDM 500



2.1.1 / CASE Clips – Hilti Boy



Hilti Boy

- 1 Printing
- 2 Samples

1

**Democase
Baseplate**

Name HHE, max.13 pt
centered HHE, max.10 pt

Name HHE, max.17 pt

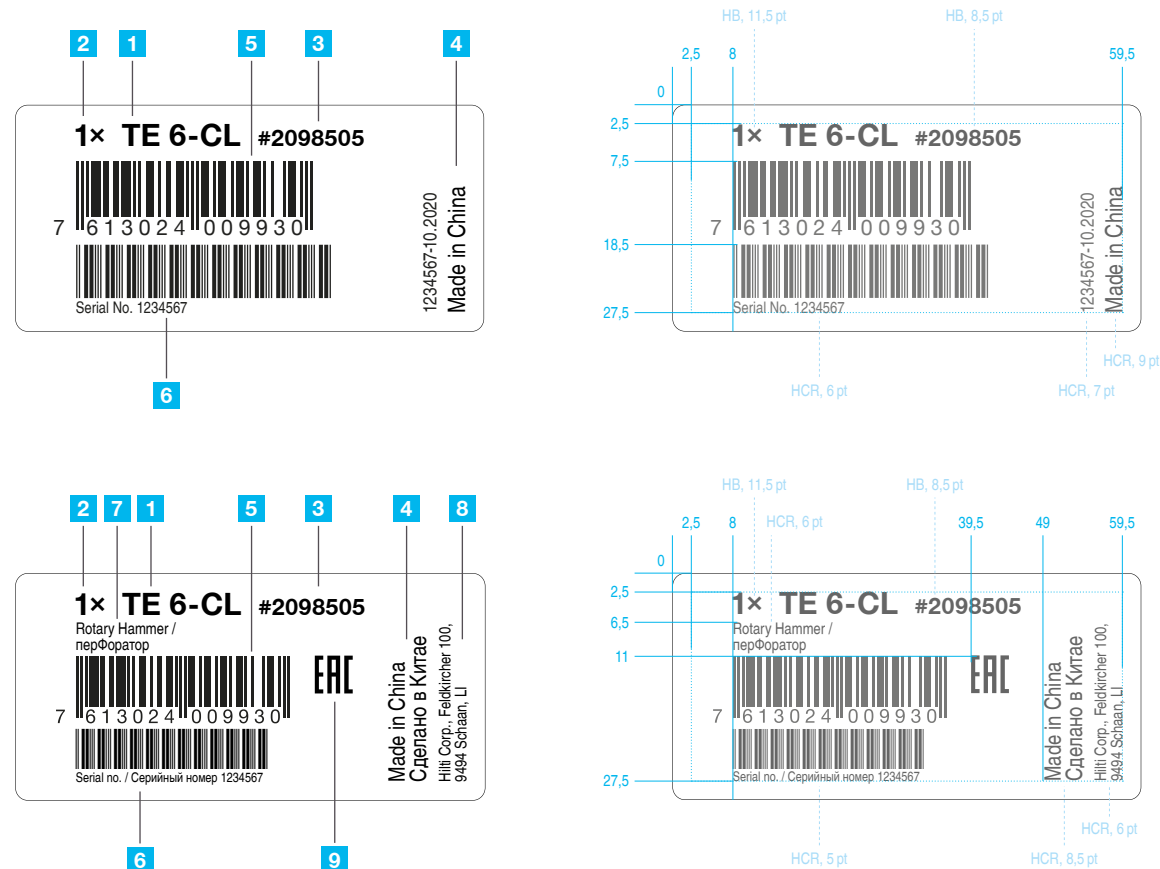
2

HILTI

RA-Demo Kit

2.1.1 / CASE Label

The images shown are used for explanation purposes only.



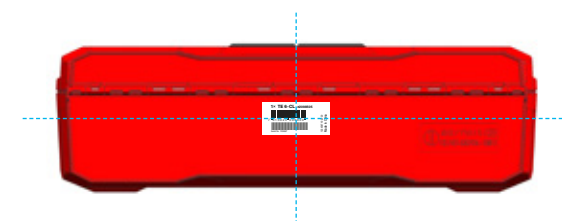
Font, font size / line spacing
HCR = Hilti Condensed Roman
HB = Hilti Bold
HR = Hilti Roman
All sizes are in millimeters

62 × 30 mm (201345)

White labels are the basis for the individual black-letter printing of diverse items of product-relevant information. These labels are affixed to the outside of the tool case. Other formats and other contents are not allowed.

Caption

- 1** Product name
- 2** Quantity
- 3** Item/market number
- 4** Country of origin
- 5** GTIN-13 barcode
- 6** Code 39 barcode / serial number
- 7** Tool name
- 8** Trademark
- 9** EAC Logo



2.1.1

CASE

Label inside case

Case/in-case sticker

Case designation	In-case sticker
PRC_5_10	2 + 2 / 3
PRC_10_10	2 + 2 / 3
PRC_20_10	3 + 1
EU_30_05	4
EU_30_10 / PRC_30_10	4
EU_30_20	4
EU_30_30	4
EU_40_10 / PRC_40_10	4 + 1
EU_40_20	4 + 1
EU_50_10	3 + 3
EU_60_10	3 + 4

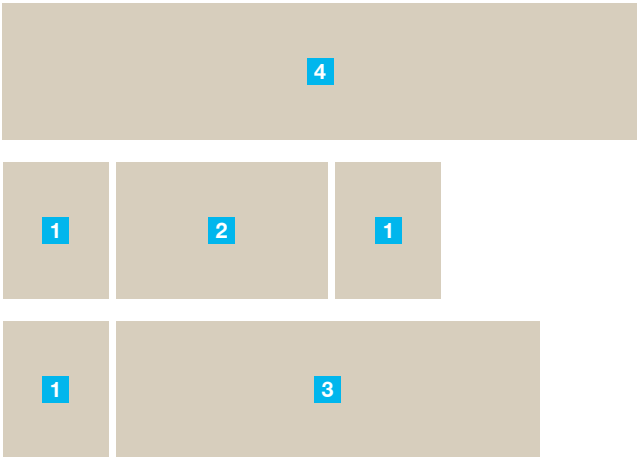
In-case sticker formats

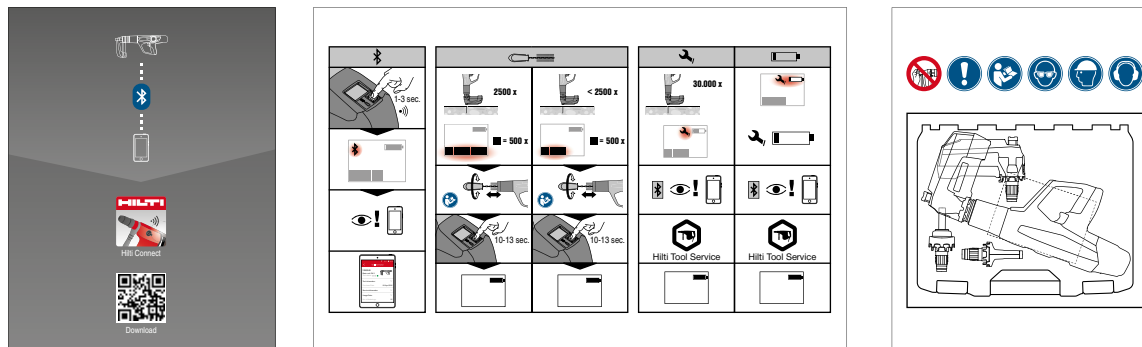
- 170 × 90 mm
- 2140 × 90 mm
- 3280 × 90 mm
- 4420 × 90 mm

Placement in the case



Possible format combinations





2.1.2

CARDBOARD BOX

Module concept

Module cardboard box	Outside dimensions [mm]	Fefco-Nr.
2277090	580 × 182 × 125	#0427
2277091	478 × 238 × 125	#0427
2277092	370 × 285 × 145	#0427
2277093	285 × 182 × 125	#0427
2277094	245 × 235 × 109	#0427

- Standard packaging with modular scaling.
- The cardboard-box designs are not product-specific, which means they can and should be used for various tools.
- The design and the basic layout are predefined, so implementation of the packaging concept should be significantly simplified.
- The dimensions are matched to each other to permit perfect palletization.



2.1.2 / CARDBOARD BOX

Cardboard box, printed – Basic elements



Caption

- 1 Product-specific information**
Data supply by Product Marketing (PM)
- 2 By analogy with nos. 4 and 5**
- 3 Work-material background**
Definition by Product Marketing (PM)
(P. 46 ff.)
- 4 Product image (rendering)**
Step file supply by Product Marketing (PM)
- 5 Product name**
Supply of translations by
Product Marketing (PM)



2.1.2 / CARDBOARD BOX

Cardboard box, printed – Sizing



Basic ratios

$$b = 7/10 \text{ of } a$$

$$x = 1/10 \text{ of } b$$

$$y = 1/2 \text{ of } x$$

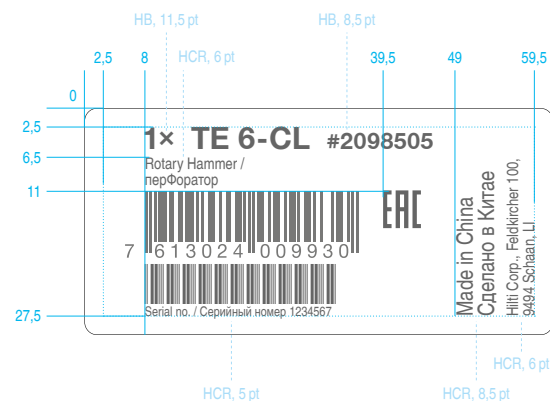
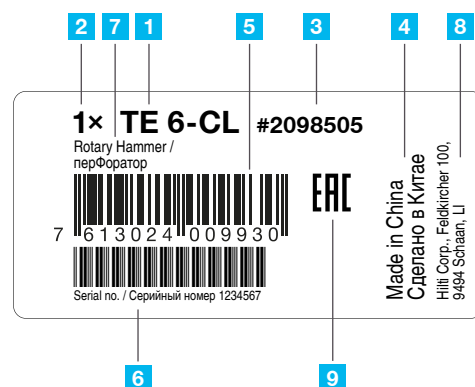
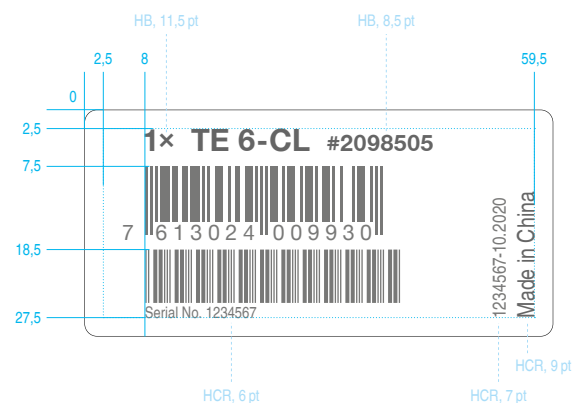
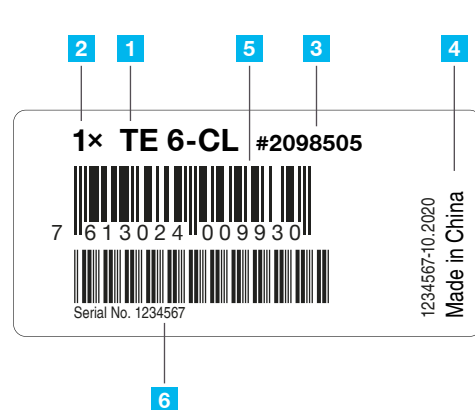
$$z = 6 \times x$$



2.1.2 / CARDBOARD BOX

Labels for cardboard boxes

The images shown are used for explanation purposes only.



Font, font size / line spacing
 HCR = Hilti Condensed Roman
 HB = Hilti Bold
 All sizes are in millimeters

Sales Label 62 × 30 mm (201345)

White labels are the basis for the individual black-letter printing of diverse items of product-relevant information. These labels are affixed to the outside of the retail packaging. Other formats and other contents are not allowed.

The label is located on the pre-marked area in the steel area.

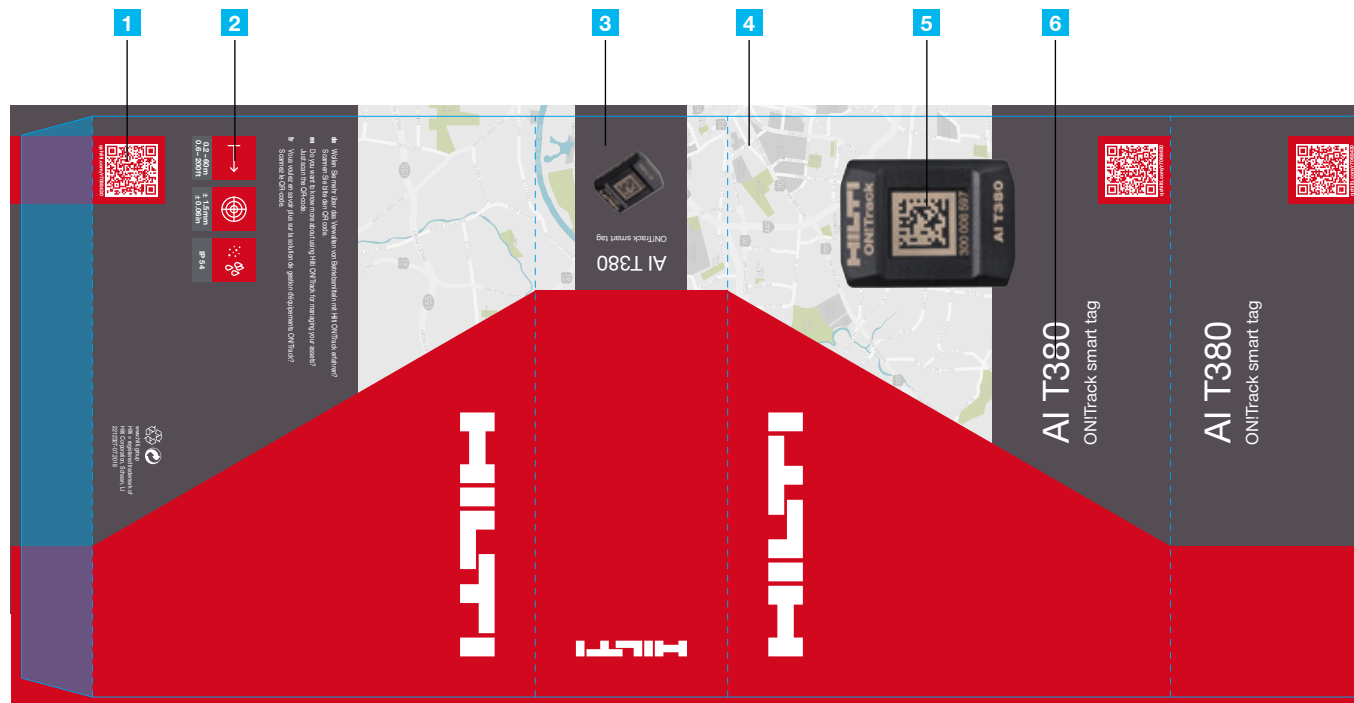
Caption

- 1** Product name
- 2** Quantity
- 3** Item/market number
- 4** Country of origin
- 5** GTIN-13 barcode
- 6** Code 39 barcode / serial number
- 7** Tool name
- 8** Trademark
- 9** EAC Logo



2.1.2 / CARDBOARD BOX

Sleeves – Basic elements

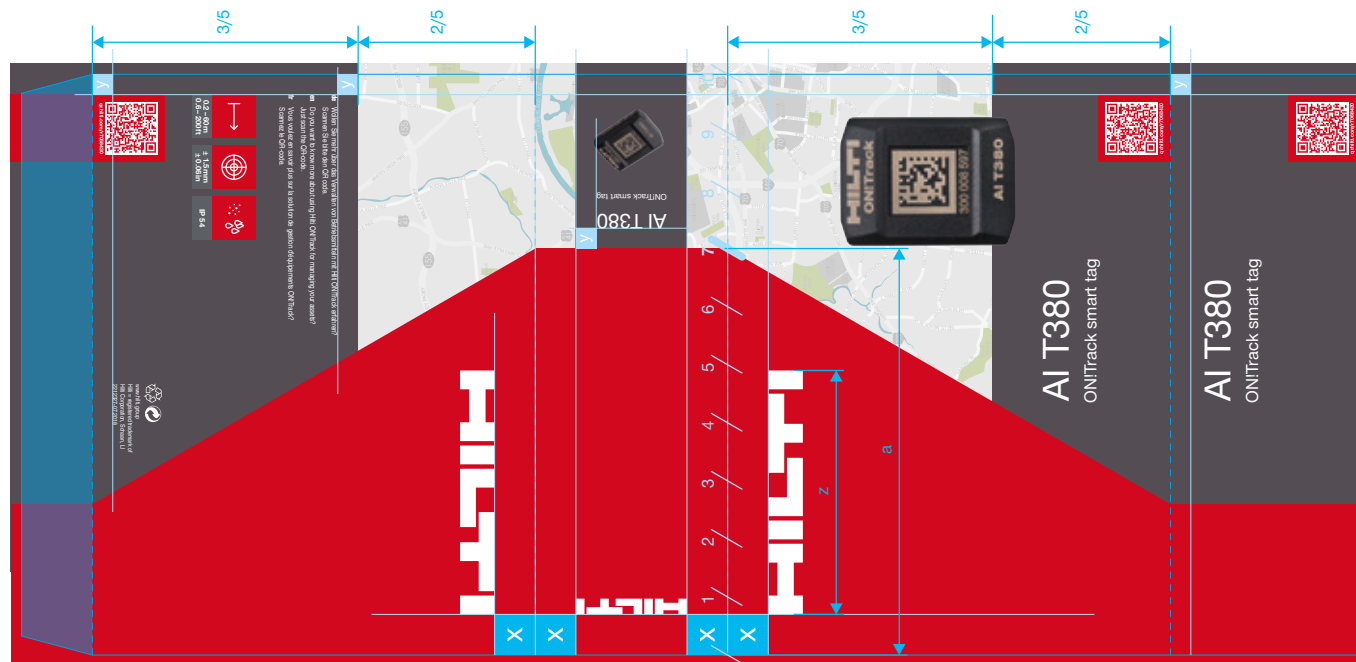


Caption

- 1** QR code
- 2** Product-specific information
- 3** By analogy with nos. 5 and 6
- 4** Work-material background
- 5** Product image
- 6** Product name



2.1.2 / CARDBOARD BOX Sleeves – Sizing



Basic ratios

$x = 1/10$ of a

$y = 1/2$ of x

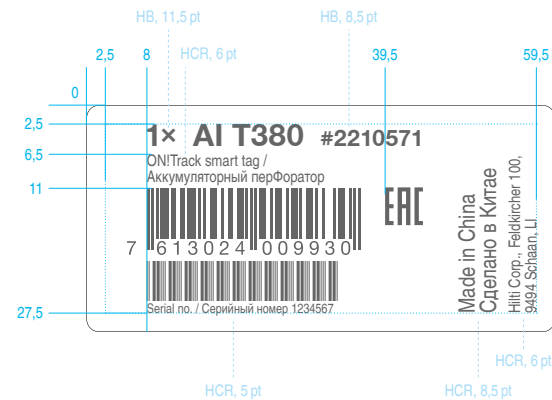
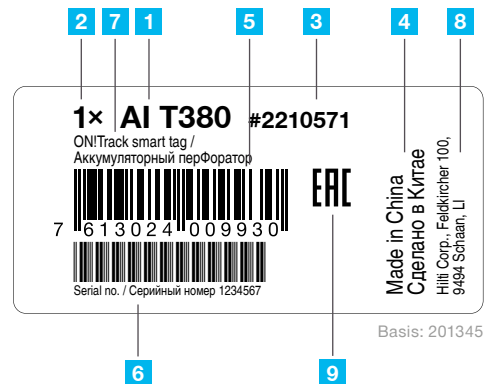
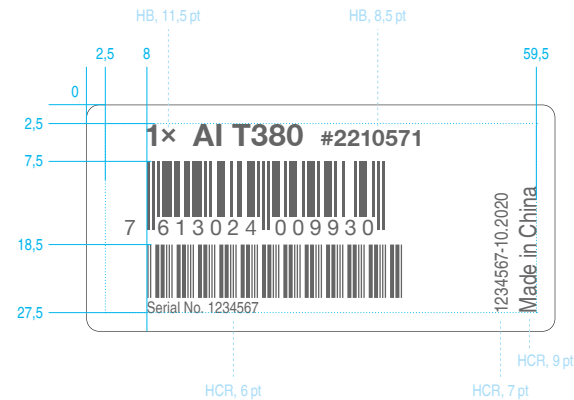
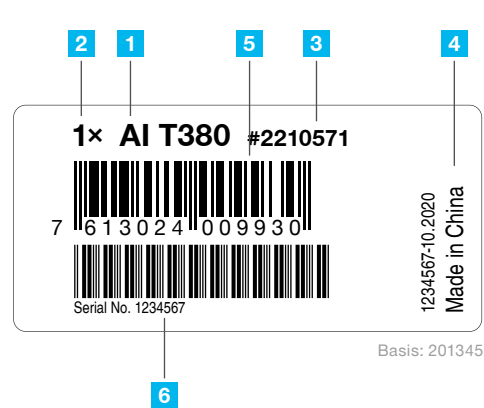
$z = 6 \times x$



2.1.2 / CARDBOARD BOX

Sleeves – Sales labels

The images shown are used for explanation purposes only.



Sales Label 62 × 30 mm (201345)

White labels are the basis for the individual black-letter printing of diverse items of product-relevant information. These labels are affixed to the outside of the tool case. Other formats and other contents are not allowed.

Caption

- 1 Product name
- 2 Quantity
- 3 Item/market number
- 4 Country of origin
- 5 GTIN-13 barcode
- 6 Code 39 barcode / supplier number
- 7 Tool name
- 8 Trademark
- 9 EAC Logo

Font, font size / line spacing
HCR = Hilti Condensed Roman
HB = Hilti Bold
All sizes are in millimeters

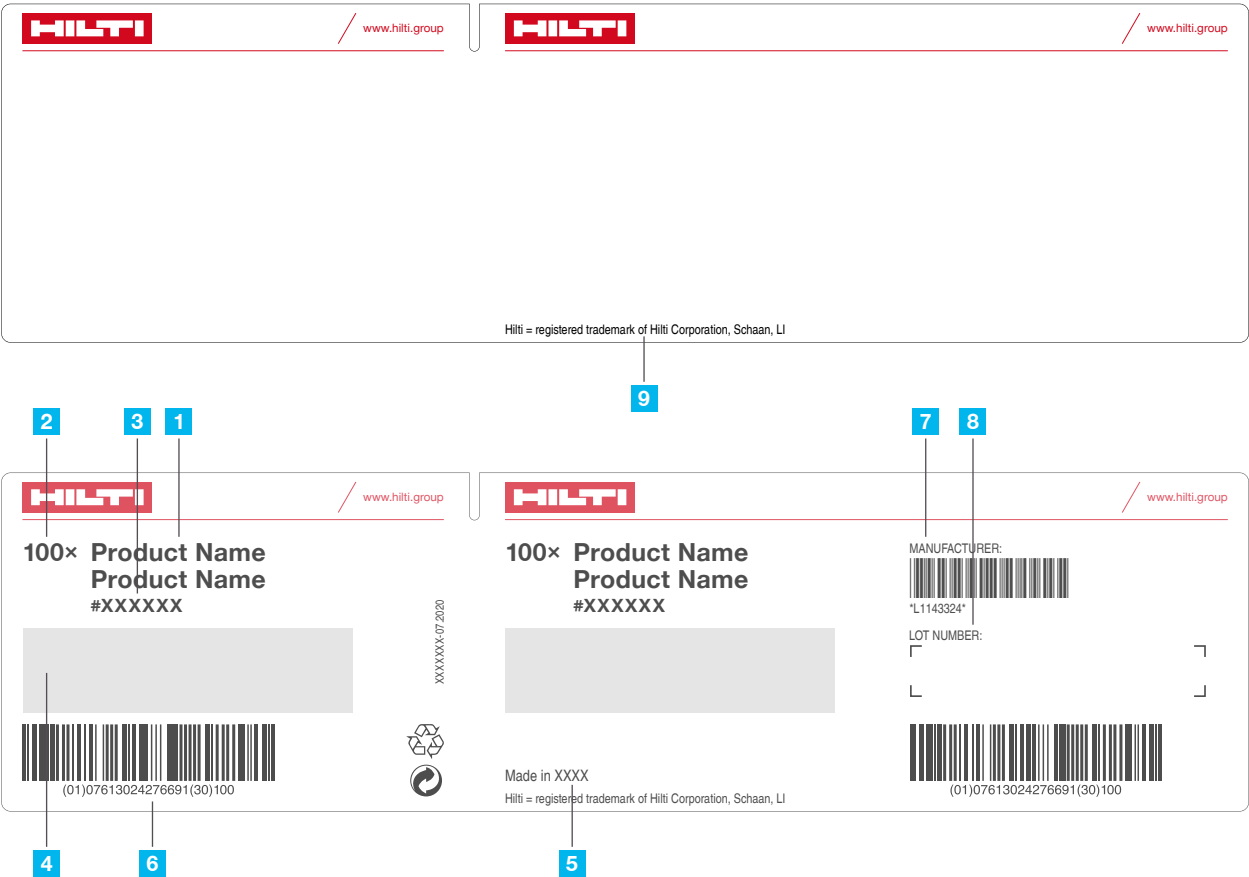


2.1.2 / CARDBOARD BOX

Export labels

The images shown are used for explanation purposes only.

Preprinted label



Cardboard box: Fefco 0201
Concept: Please consult CP Packaging.

Export label 265x72 mm (230699)
The label is affixed as shown over one corner in the bottom third of the height of the box. Important: For matters concerning labeling and printing for hazardous materials, consult GLD for hazardous materials transport.

Technical design
The design of the packaging has to be done in accordance to the Transportation Regulations issued by Global Logistics. Export packaging needs to be released by CP or BUs respectively local organizations.

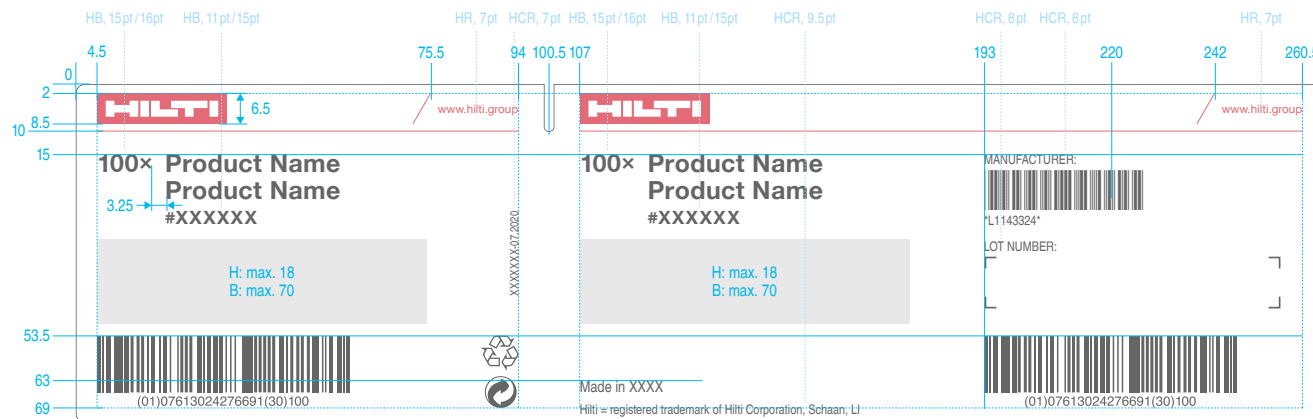
- Caption**
- 1 Product name
 - 2 Quantity
 - 3 Item/market number
 - 4 Line drawing of product
 - 5 Country of origin
 - 6 GTIN-128 barcode
 - 7 Code 39 barcode / supplier number
 - 8 Field for printing lot number
 - 9 Trademark



2.1.2 / CARDBOARD BOX

Export labels – Sizing

The images shown are used for explanation purposes only.



Font, font size / line spacing
HCR = Hilti Condensed Roman
HB = Hilti Bold
HR = Hilti Roman
All sizes are in millimeters

2.1.2 / CARDBOARD BOX

Labels for serial numbers

The images shown are used for explanation purposes only.



Cardboard box

Fefco 0201

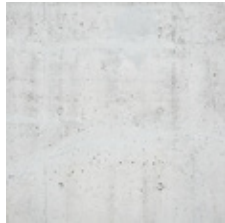
Code 39 / serial number specification

See Fundamentals ▶ Barcodes ▶

Code 39 / serial number (p. 20)

2.1.2 / CARDBOARD BOX

Overview of basic materials



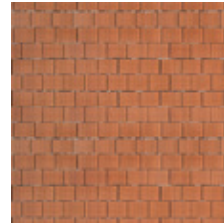
Concrete 1



Concrete 2



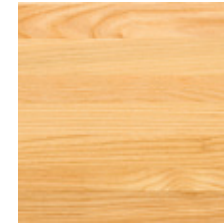
Concrete 3



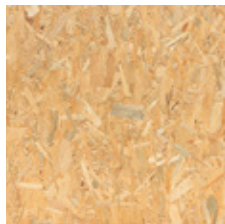
Brick 1



Brick 2



Wood 2



Wood 3



Wood 5



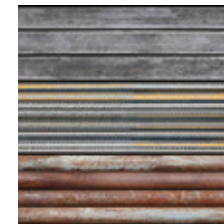
Drywall



Metal 1



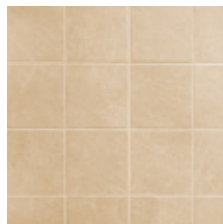
Metal 2



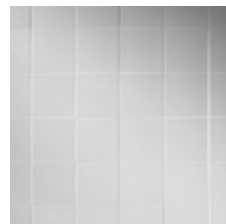
Steel 3



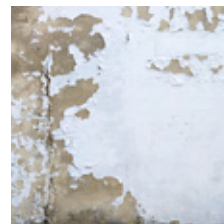
Glas Tile



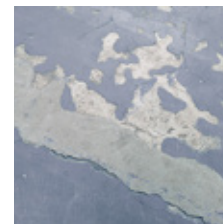
Hard Tile



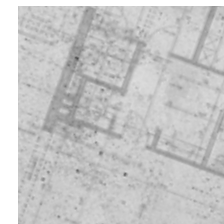
Soft Tile



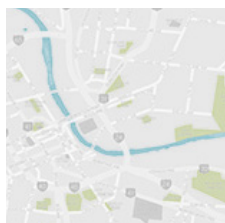
Old Paint



Epoxy



Plan



Map

The photographic work-material backgrounds are for instant and unequivocal identification of the product's areas of application.

The primary application is depicted on the front of the packaging.
Secondary applications on the back.

Compliance with the BU-specific stipulations (P. 46 ff.) is essential for selection.

2.1.2



CARDBOARD BOX

Power Tools & Accessories



Concrete 2



Brick 1



Wood 2



Wood 5



Drywall



Metal 1

2.1.2 / CARDBOARD BOX

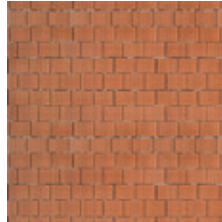
Diamond Systems



Concrete 1



Concrete 2



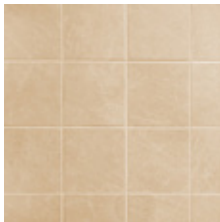
Brick 1



Metal 2



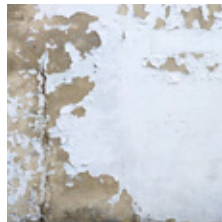
Glas Tile



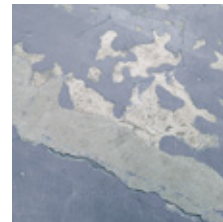
Hard Tile



Soft Tile



Old Paint



Epoxy

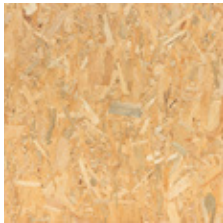
2.1.2 / CARDBOARD BOX Measuring Systems



Concrete 3



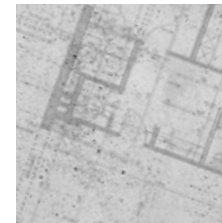
Brick 1



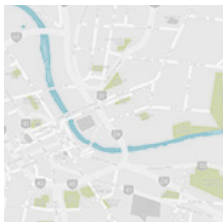
Wood 3



Metal 1



Plan



Map

2.1.2

CARDBOARD BOX

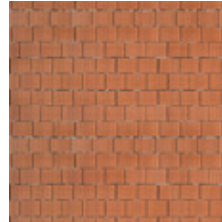
Screw Fastening / Direct Fastening



Concrete 1



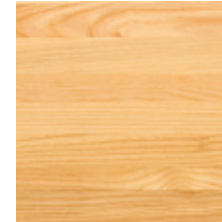
Concrete 3



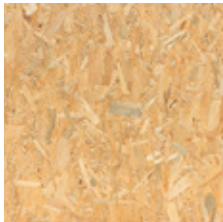
Brick 1



Brick 2



Wood 2



Wood 3



Wood 5



Drywall



Metal 1



Metal 2

2.1.3 / BULK

Code 39 / serial number specification

See Fundamentals ▶ Barcodes ▶

Code 39 / serial number (p. 20)



2.1.3 / BULK Sales labels

The images shown are used for explanation purposes only.

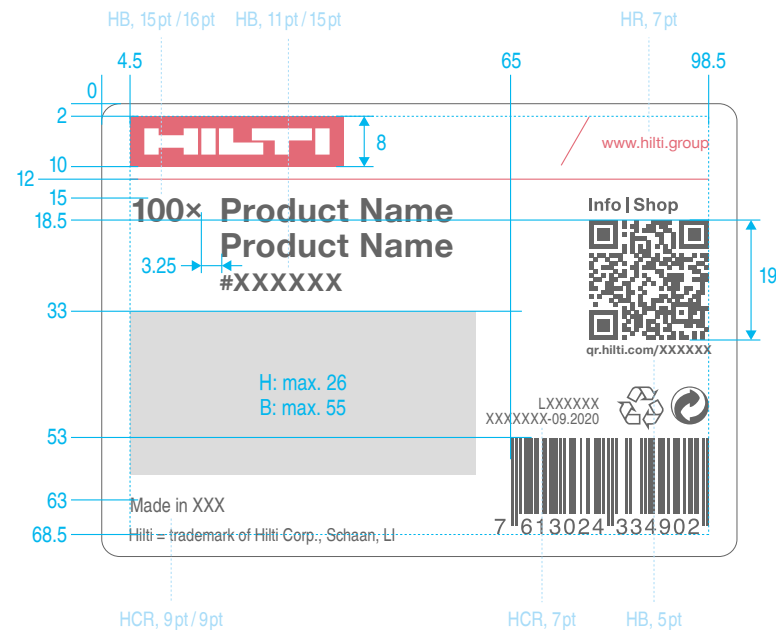
Preprinted label



With printed content



Sizing



Sales label 101 × 72 mm (11795)

The pre-printed labels form the basis for individual black printing of various product-relevant information.

Caption

- 1 Product name
- 2 Quantity
- 3 Item/market number
- 4 Line drawing of product
- 5 Country of origin
- 6 GTIN-13 barcode
- 7 QR code

Font, font size / line spacing
HCR = Hilti Condensed Roman
HB = Hilti Bold
HR = Hilti Roman
All sizes are in millimeters

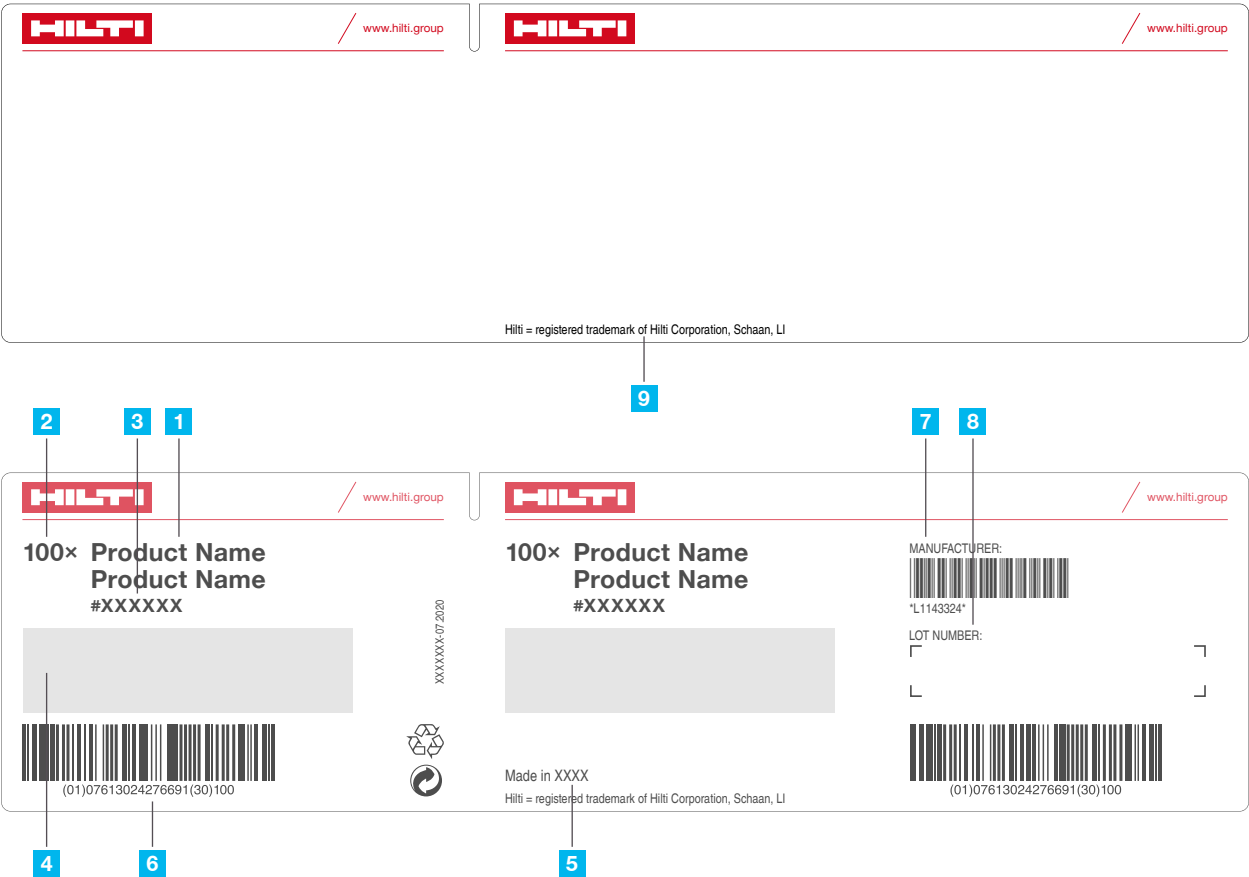
2.1.3

BULK

Export labels

The images shown are used for explanation purposes only.

Preprinted label



Cardboard box: Fefco 0201
Concept: Please consult CP Packaging.

Export label 265x72 mm (230699)
The label is affixed as shown over one corner in the bottom third of the height of the box. Important: For matters concerning labeling and printing for hazardous materials, consult GLD for hazardous materials transport.

Technical design
The design of the packaging has to be done in accordance to the Transportation Regulations issued by Global Logistics. Export packaging needs to be released by CP or BUs respectively local organizations.

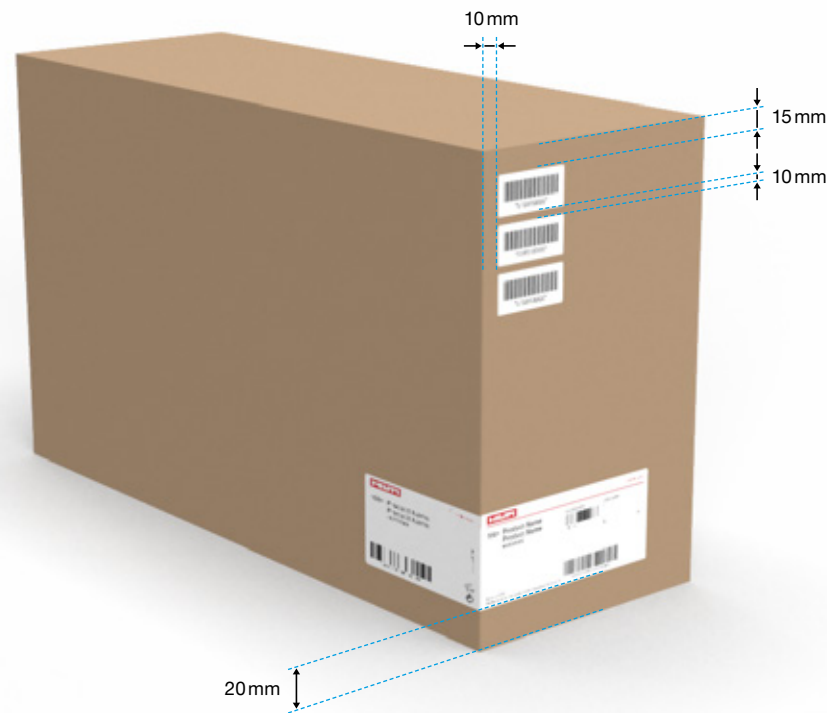
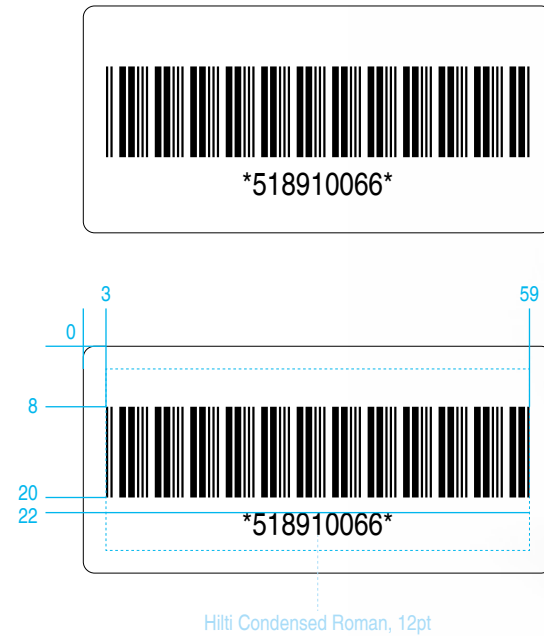
- Caption**
- 1 Product name
 - 2 Quantity
 - 3 Item/market number
 - 4 Line drawing of product
 - 5 Country of origin
 - 6 GTIN-128 barcode
 - 7 Code 39 barcode / supplier number
 - 8 Field for printing lot number
 - 9 Trademark



Font, font size / line spacing
HCR = Hilti Condensed Roman
HB = Hilti Bold
HR = Hilti Roman
All sizes are in millimeters

2.1.3 / BULK Labels for serial numbers

The images shown are used for explanation purposes only.



Cardboard box

Fefco 0201

Code 39 / serial number specification

See Fundamentals ▶ Barcodes ▶
Code 39 / serial number (p. 20)

2.1.4 / DATA SUPPLY FOR HDV

Information leaflet

Information required for HDV

The product manager has to supply the following information and define the following restrictions in advance.

- **Complete MDM data**
- **Design definition**
- **Product description**
 - Which languages are needed?
 - Translations are supplied by the product manager (based on the intended distribution markets)
- **Mark selected work-material background**
 - See the section headed „Work-material backgrounds“
- **Sizes on the box**
 - cm/mm/inch
- **Pictograms**
 - Product-specific
 - Approval-specific
 - Recycling-specific (based on the intended distribution markets)
- **Safety aspects**
 - Storage instructions / hazmat symbols (GLD – hazardous materials transport)
- **Product image/visualization**
 - STEP file (.stp) of the product (Rendering is done by HDV)
- **Definition of artwork takes place between PM and HDV**

Important:

No implementation until all necessary information has been provided.



2. TOOLS

Table of content	page
2.2 Cordless Tools	56
2.2.1 Case	58
2.2.2 Cardboard box	65
2.2.3 Bulk	80
2.2.4 Battery	85
2.2.5 Charger	95
2.2.6 Data supply for HDV	102

2.2 / CORDLESS TOOLS

Definition and Examples



2.2.1 / CASE Types

Case designation	Outside dimensions [mm]	Produced in	Item number	Inner block size
Hilti Boy	270 × 195 × 70	Europe	2227459	257 × 129 × 55,5 (62,5)
PRC_5_10	395 × 295 × 103	China	2206677	380 × 207 × 84 (93)
PRC_10_10	395 × 362 × 119	China	2206674	378 × 275 × 100 (109)
PRC_20_10	444 × 395 × 119	China	2284941	425 × 308 × 99 (109)
EU_30_05	495 × 395 × 121	Europe	n.A.	477 × 305 × 99 (111)
EU_30_10	495 × 395 × 149	Europe	2206513	474 × 305 × 127 (139)
PRC_30_10	495 × 395 × 149	China	2206513	474 × 305 × 127 (139)
EU_30_20	495 × 395 × 242	Europe	2206676	476 × 286 × 219 (231)
EU_30_30	495 × 395 × 340	Europe	2264931	472 × 298 × 316 (328)
EU_40_10	595 × 461 × 149	Europe	2206514	573 × 371 × 126 (138)
PRC_40_10	595 × 461 × 149	China	2206514	573 × 371 × 126 (138)
EU_40_20	595 × 461 × 175	Europe	2206515	571 × 366 × 152 (164)
EU_50_10	695 × 486 × 175	Europe	2206516	671 × 392 × 151 (163)
EU_60_10	795 × 439 × 195	Europe	2206673	769 × 340 × 171 (183)

The current Hilti tool case is modular in design and is available in the sizes listed here on the left.

In addition to the components of the hardshells, handles and catches, which are pre-defined, the following components are individually adapted to the relevant product:

- Individually produced plastic insert, designed to hold standard tools or promotions
- Individual printing on the defined product nametags (see Page 29 ff.)
- Individual label (see Page 32)
- Optional in-case sticker (see Page 33 f.)

Caption

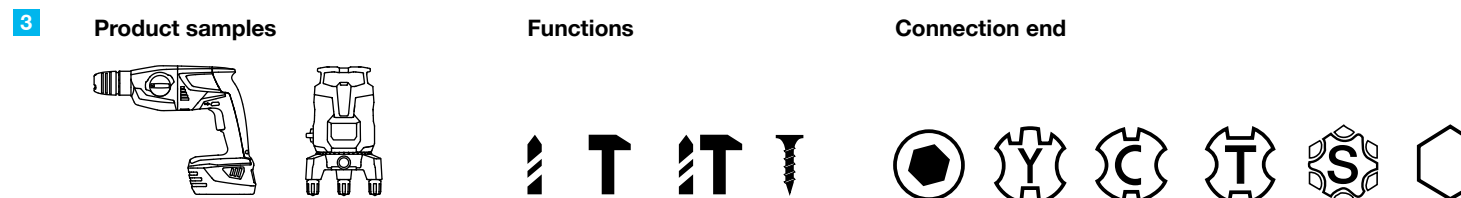
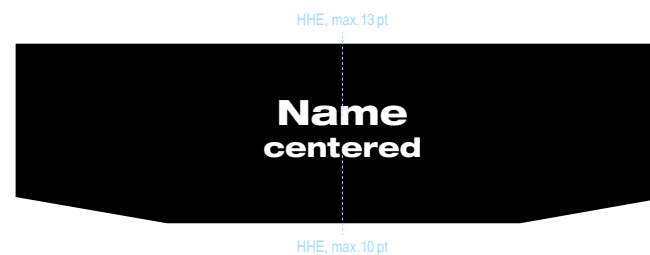
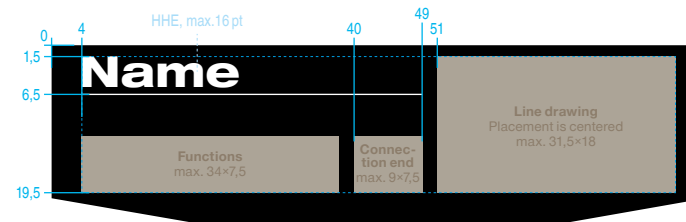
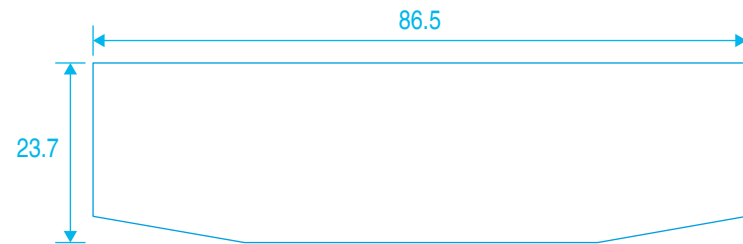
PRC = Made in China

EU = Made in Switzerland

For further questions or information please contact CP.



2.2.1 / CASE Clips



1 Printing on tool cases

The printing on the clip is as illustrated and consists of the name, product depiction, function symbol and symbol depicting the insertion end of the accessory tool. Other content is not allowed.

2 Printing on consumables / demo cases

3 Symbols

There might be more than one function symbol, depending on the type of tool, but only one symbol depicting the appropriate connection end can be used

2.2.1 / CASE

Clips – Examples

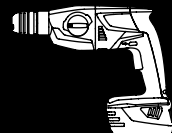
SF 2-A



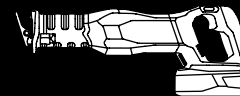
PM 40-MG



TE 2-A22



SR 30-A36

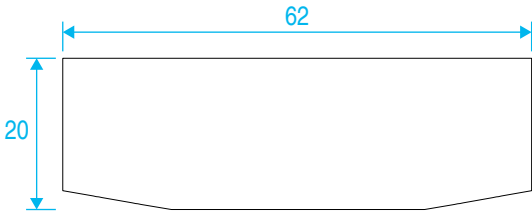


2.2.1

CASE
Clips – Hilti Boy

Hilti Boy

- 1 Printing
- 2 Samples



1



HHE, max.13 pt
HHE, max.10 pt



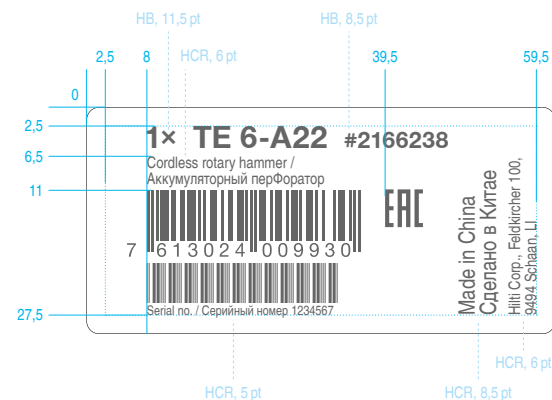
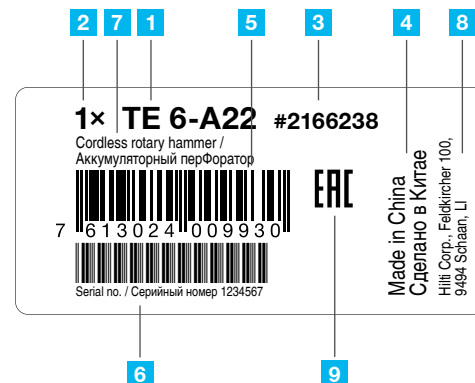
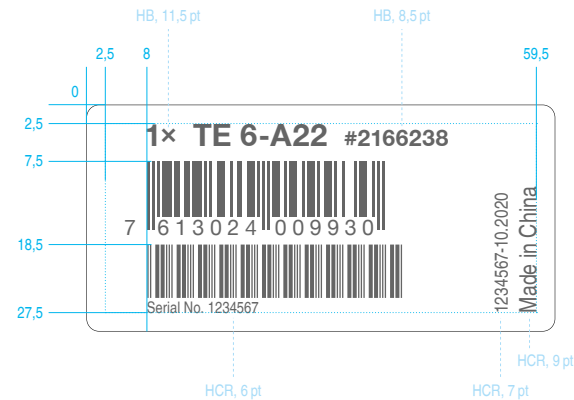
HHE, max.17 pt

2



2.2.1 / CASE Label

The images shown are used for explanation purposes only.



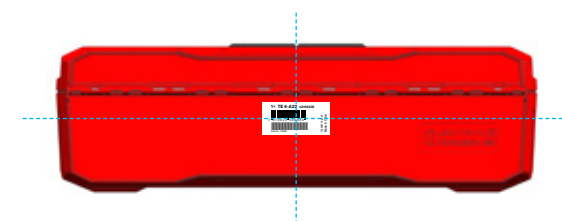
62 × 30 mm (201345)

White labels are the basis for the individual black-letter printing of diverse items of product-relevant information. These labels are affixed to the outside of the tool case. Other formats and other contents are not allowed.

Caption

- 1 Product name
- 2 Quantity
- 3 Item/market number
- 4 Country of origin
- 5 GTIN-13 barcode
- 6 Code 39 barcode / serial number
- 7 Tool name
- 8 Trademark
- 9 EAC Logo

Font, font size / line spacing
HCR = Hilti Condensed Roman
HB = Hilti Bold
HR = Hilti Roman
All sizes are in millimeters



2.2.1

CASE

Label inside case

Case/in-case sticker

Case designation	Outside dimensions [mm]	In-case sticker
PRC_5_10	395 × 295 × 103	2 + 2 / 3
PRC_10_10	395 × 362 × 119	2 + 2 / 3
PRC_20_10	444 × 395 × 119	3 + 1
EU_30_05	495 × 395 × 121	4
EU_30_10 / PRC_30_10	495 × 395 × 149	4
EU_30_20	495 × 395 × 242	4
EU_30_30	495 × 395 × 340	4
EU_40_10 / PRC_40_10	595 × 461 × 149	4 + 1
EU_40_20	595 × 461 × 175	4 + 1
EU_50_10	695 × 486 × 175	3 + 3
EU_60_10	795 × 439 × 195	3 + 4

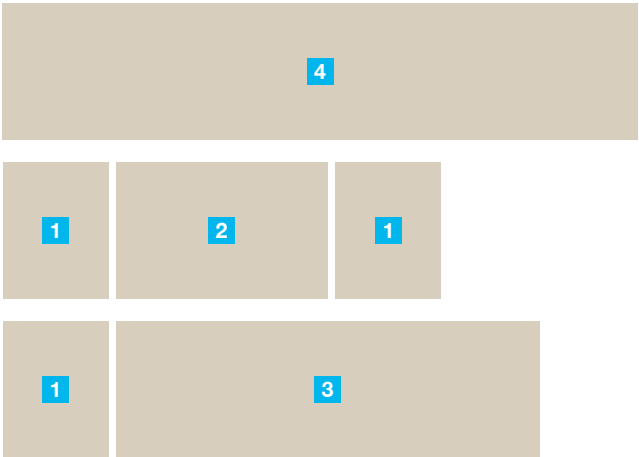
In-case sticker formats

- 170 × 90 mm
- 2140 × 90 mm
- 3280 × 90 mm
- 4420 × 90 mm

Placement in the case



Possible format combinations

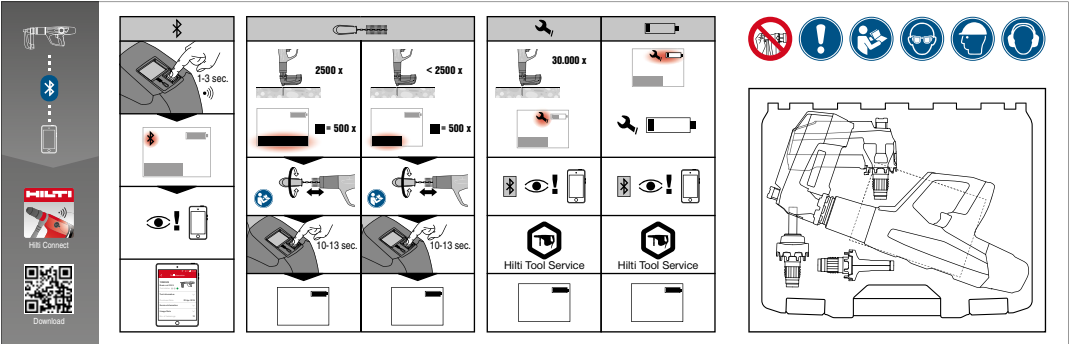


2.2.1

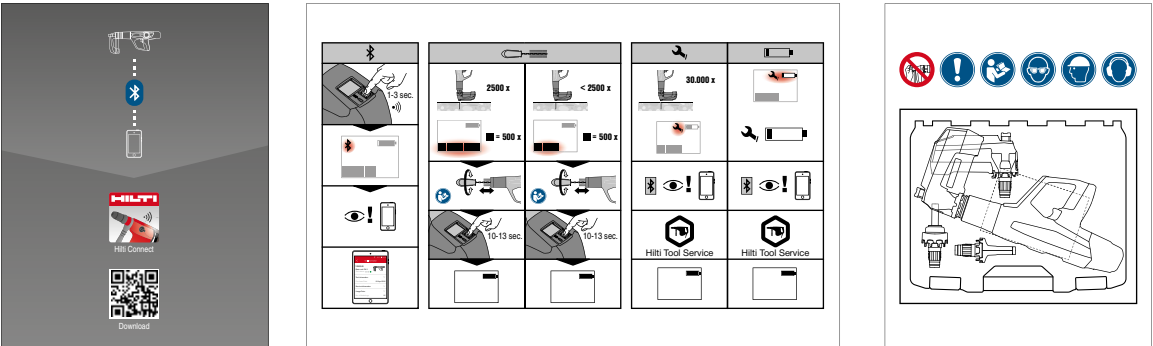
CASE

Label inside case – Examples

Example 280 × 90 mm



Example, combination 70 × 90 mm / 140 × 90 mm / 70 × 90 mm



2.2.2

CARDBOARD BOX

Module concept

Module cardboard box	Outside dimensions [mm]	Fefco-Nr.
2277090	580 × 182 × 125	#0427
2277091	478 × 238 × 125	#0427
2277092	370 × 285 × 145	#0427
2277093	285 × 182 × 125	#0427
2277094	245 × 235 × 109	#0427

- Standard packaging with modular scaling.
- The cardboard-box designs are not product-specific, which means they can and should be used for various tools.
- The design and the basic layout are predefined, so implementation of the packaging concept should be significantly simplified.
- The dimensions are matched to each other to permit perfect palletization.



2.2.2

CARDBOARD BOX

Cardboard box, printed – Basic elements

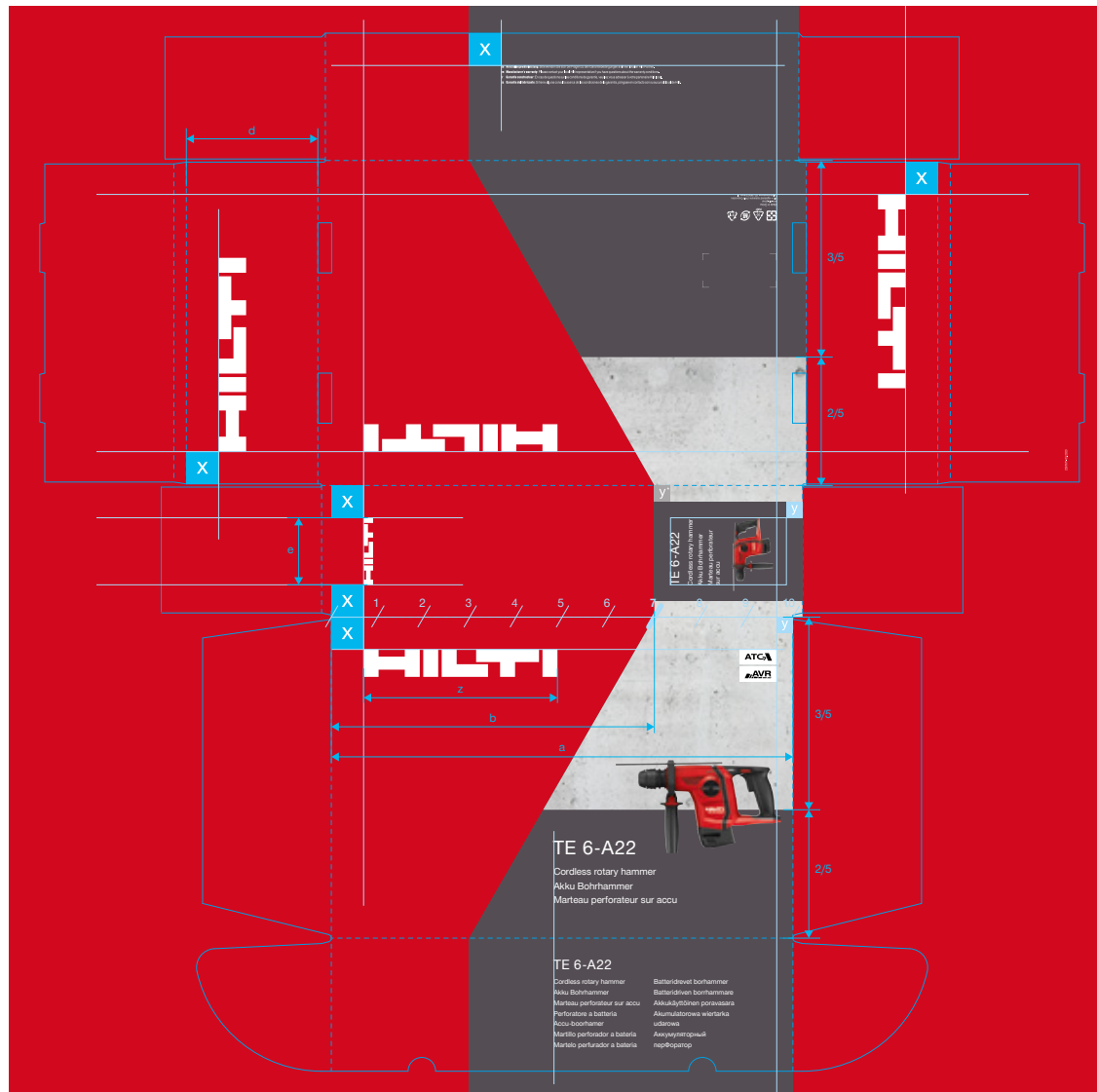
Caption

- 1 Product-specific information
Data supply by Product Marketing (PM)
- 2 By analogy with nos. 4 and 5
- 3 Work-material background
Definition by Product Marketing (PM)
(P. 46 ff.)
- 4 Product image (rendering)
Step file supply by Product Marketing (PM)
- 5 Product name
Supply of translations by
Product Marketing (PM)



2.2.2 / CARDBOARD BOX

Cardboard box, printed – Sizing



Basic ratios

$b = 7/10$ of a

$x = 1/10$ of b

$y = 1/2$ of x

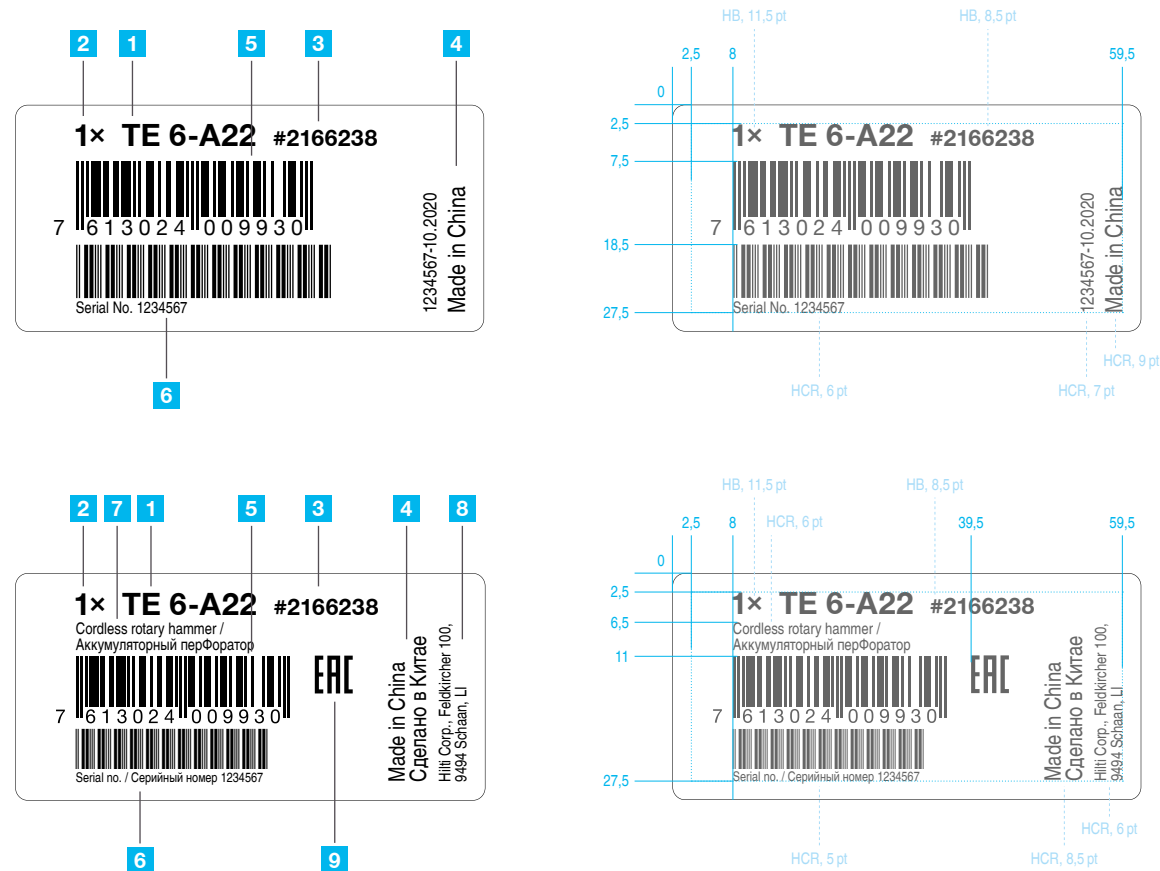
$z = 6 \times x$



2.2.2 / CARDBOARD BOX

Labels for cardboard boxes

The images shown are used for explanation purposes only.



Font, font size / line spacing
HCR = Hilti Condensed Roman
HB = Hilti Bold
HR = Hilti Roman
All sizes are in millimeters

Sales Label 62 × 30 mm (201345)

White labels are the basis for the individual black-letter printing of diverse items of product-relevant information. These labels are affixed to the outside of the retail packaging. Other formats and other contents are not allowed.

The label is located on the pre-marked area in the steel area.

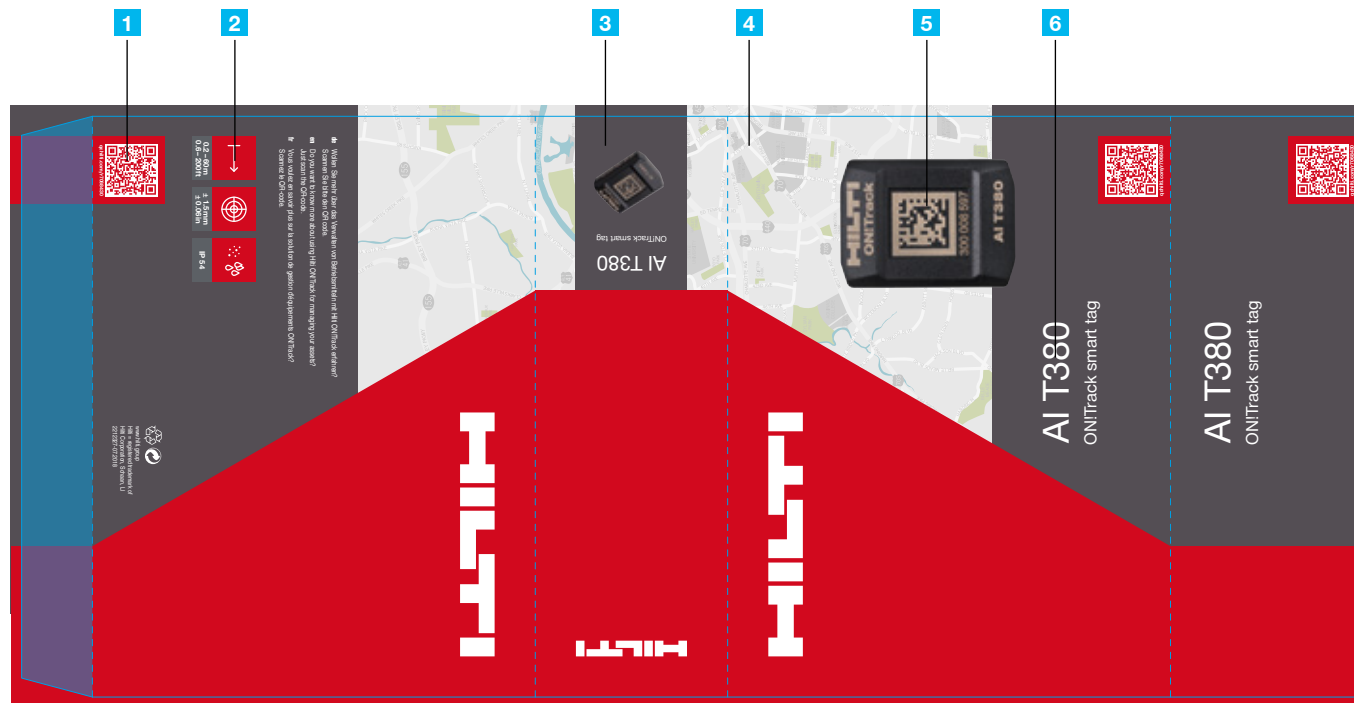
Caption

- 1** Product name
- 2** Quantity
- 3** Item/market number
- 4** Country of origin
- 5** GTIN-13 barcode
- 6** Code 39 barcode / serial number
- 7** Tool name
- 8** Trademark
- 9** EAC Logo



2.2.2 / CARDBOARD BOX

Sleeves – Basic elements



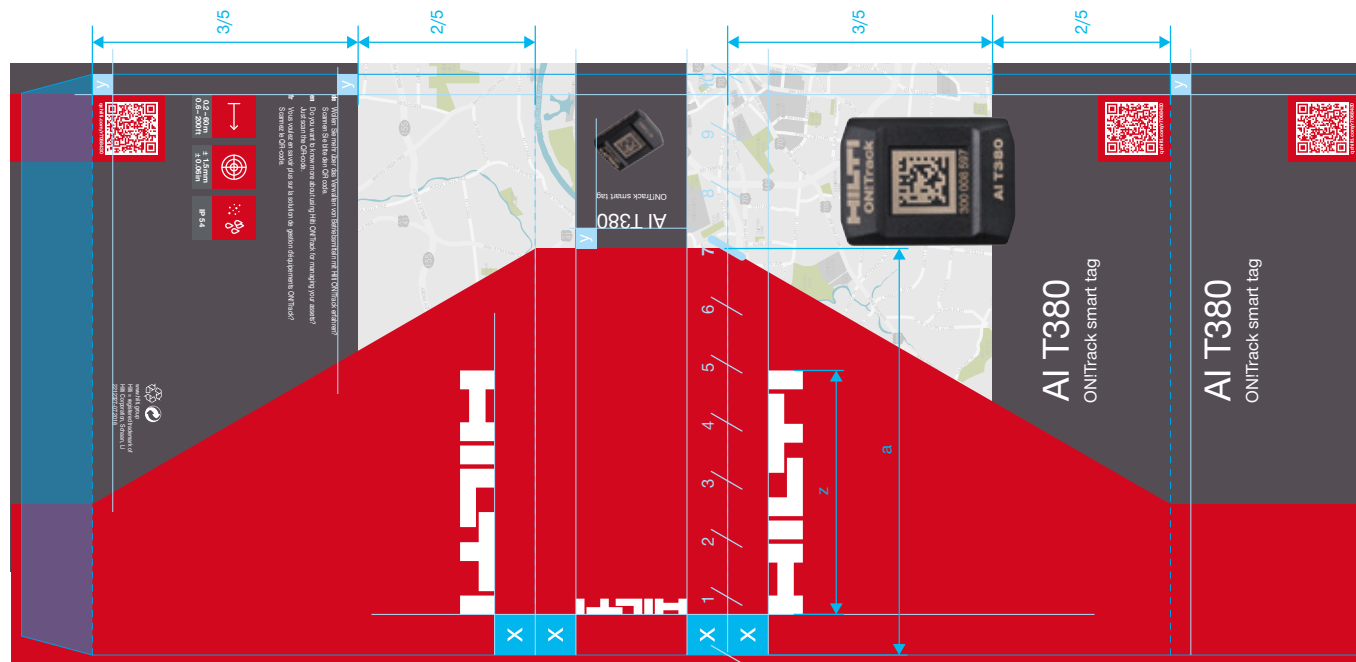
Caption

- 1 QR code
- 2 Product-specific information
- 3 By analogy with nos. 5 and 6
- 4 Work-material background
- 5 Product image
- 6 Product name



2.2.2 / CARDBOARD BOX

Sleeves – Sizing



Basic ratios

$x = 1/10$ of a

$y = 1/2$ of x

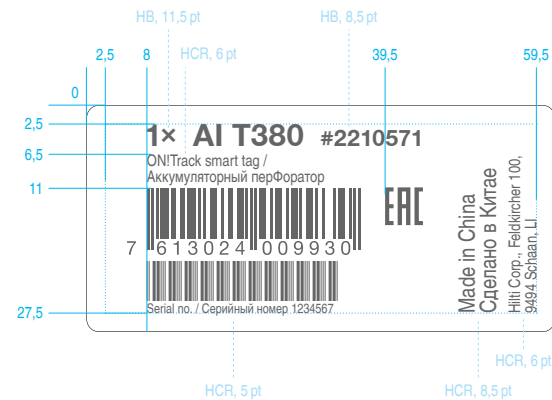
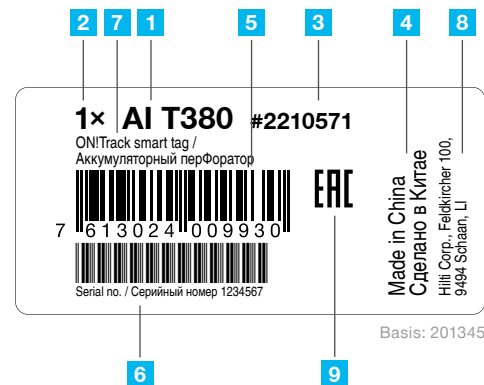
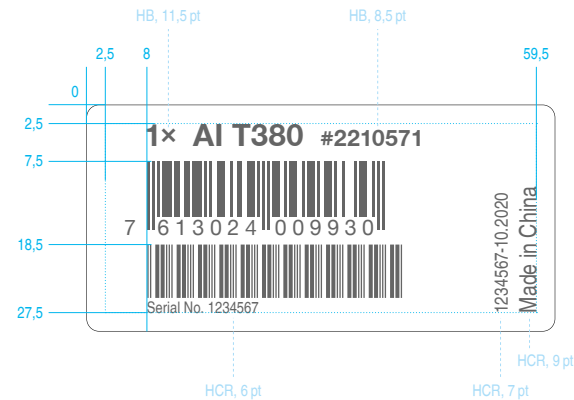
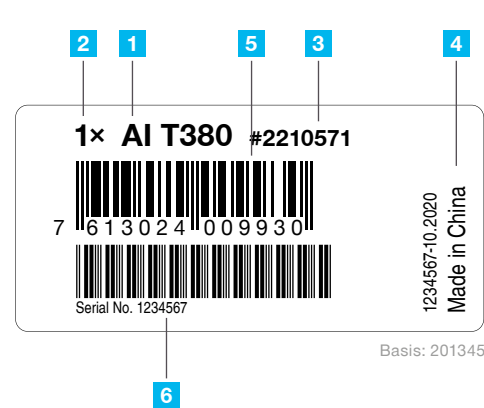
$z = 6 \times x$



2.2.2 / CARDBOARD BOX

Sleeves – Sales labels

The images shown are used for explanation purposes only.



Sales Label 62 × 30 mm (201345)

White labels are the basis for the individual black-letter printing of diverse items of product-relevant information. These labels are affixed to the outside of the tool case. Other formats and other contents are not allowed.

Caption

- 1 Product name
- 2 Quantity
- 3 Item/market number
- 4 Country of origin
- 5 GTIN-13 barcode
- 6 Code 39 barcode / serial number
- 7 Tool name
- 8 Trademark
- 9 EAC Logo

Font, font size / line spacing
HCR = Hilti Condensed Roman
HB = Hilti Bold
All sizes are in millimeters



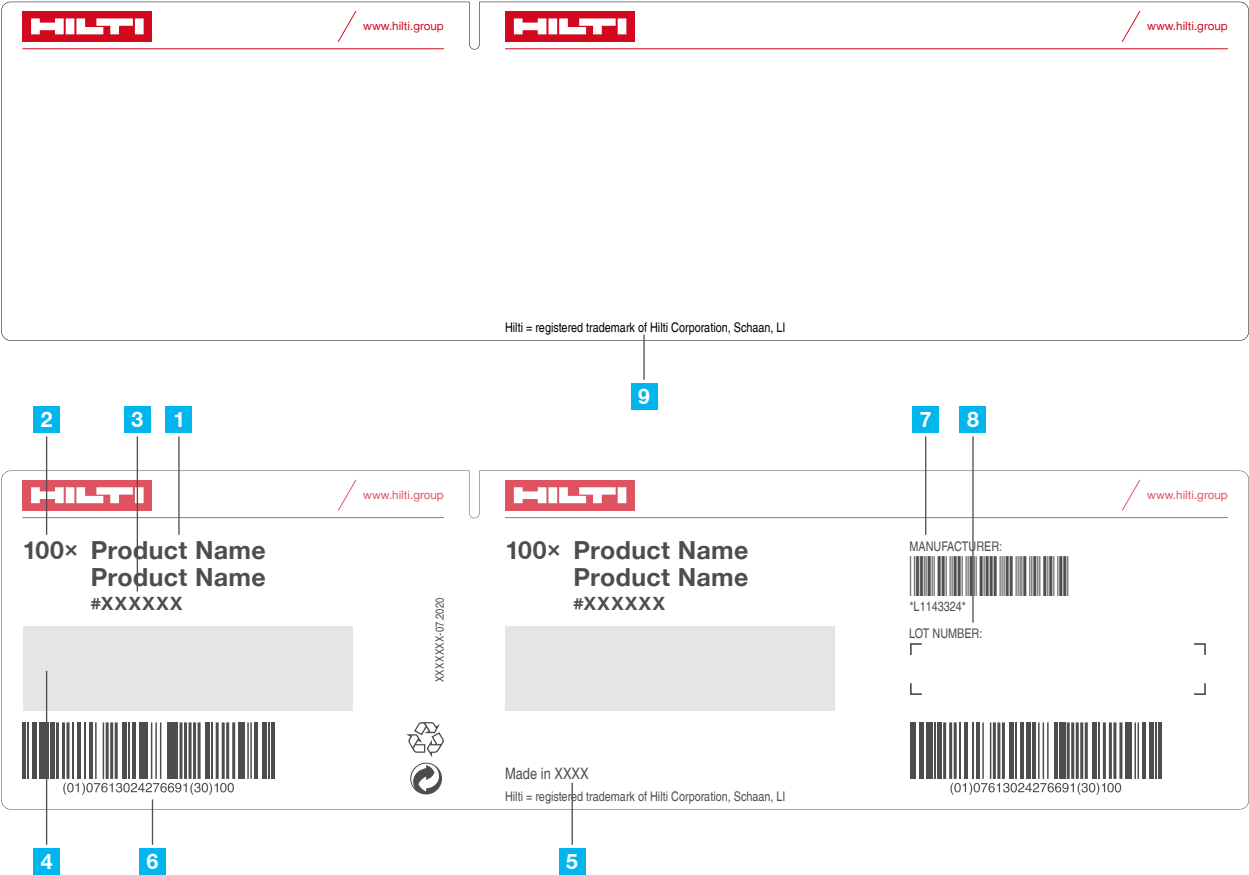
2.2.2

CARDBOARD BOX

Export labels

The images shown are used for explanation purposes only.

Preprinted label



Cardboard box: Fefco 0201
Concept: Please consult CP Packaging.

Export label 265x72 mm (230699)
The label is affixed as shown over one corner in the bottom third of the height of the box. Important: For matters concerning labeling and printing for hazardous materials, consult GLD for hazardous materials transport.

Technical design
The design of the packaging has to be done in accordance to the Transportation Regulations issued by Global Logistics. Export packaging needs to be released by CP or BUs respectively local organizations.

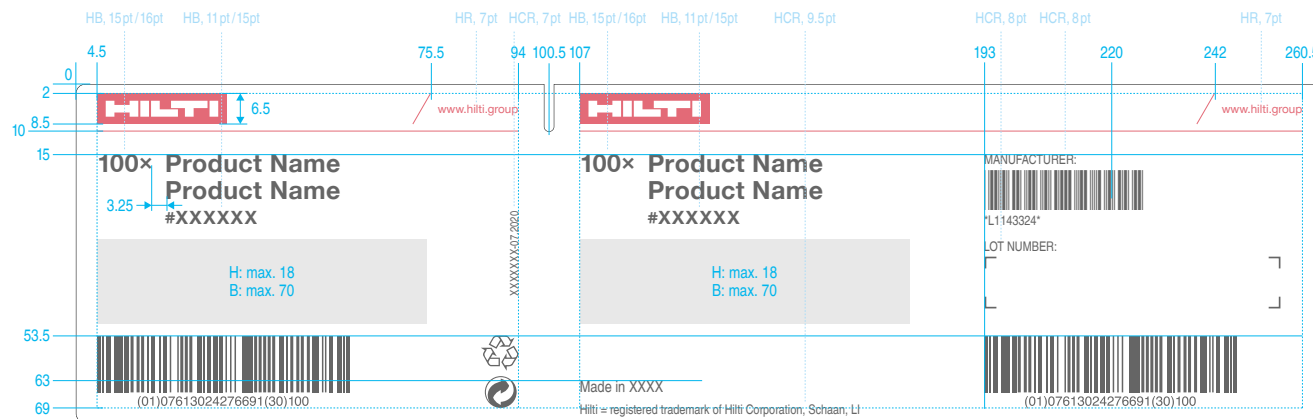
- Caption**
- 1 Product name
 - 2 Quantity
 - 3 Item/market number
 - 4 Line drawing of product
 - 5 Country of origin
 - 6 GTIN-128 barcode
 - 7 Code 39 barcode / supplier number
 - 8 Field for printing lot number
 - 9 Trademark



2.2.2 / CARDBOARD BOX

Export labels – Sizing

The images shown are used for explanation purposes only.



Font, font size / line spacing
HCR = Hilti Condensed Roman
HB = Hilti Bold
HR = Hilti Roman
All sizes are in millimeters

2.2.2 / CARDBOARD BOX

Labels for serial numbers

The images shown are used for explanation purposes only.



Cardboard box

Fefco 0201

Code 39 / serial number specification

See Fundamentals ▶ Barcodes ▶

Code 39 / serial number (p. 20)

2.2.2

CARDBOARD BOX

Overview of basic materials



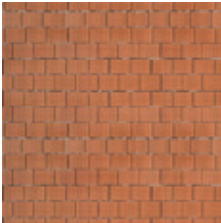
Concrete 1



Concrete 2



Concrete 3



Brick 1



Brick 2

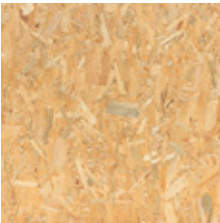


Wood 2

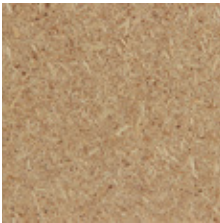
The photographic work-material backgrounds are for instant and unequivocal identification of the product’s areas of application.

The primary application is depicted on the front of the packaging.
Secondary applications on the back.

Compliance with the BU-specific stipulations (P. 46 ff.) is essential for selection.



Wood 3



Wood 5



Drywall



Metal 1



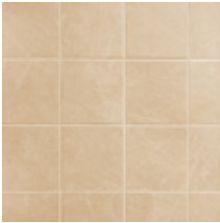
Metal 2



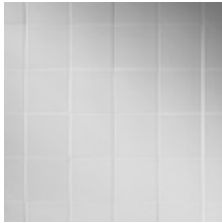
Steel 3



Glas Tile



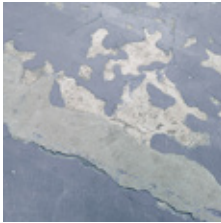
Hard Tile



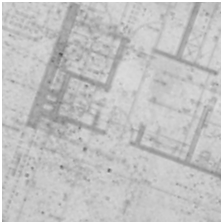
Soft Tile



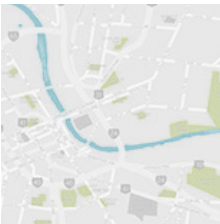
Old Paint



Epoxy



Plan



Map

2.2.2 / CARDBOARD BOX

Power Tools & Accessories



Concrete 2



Brick 1



Wood 2



Wood 5



Drywall



Metal 1

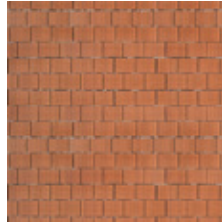
2.2.2 / CARDBOARD BOX Diamond Systems



Concrete 1



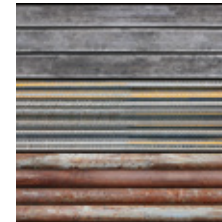
Concrete 2



Brick 1



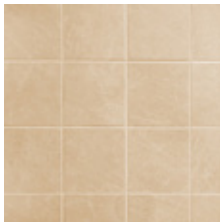
Metal 2



Steel 3



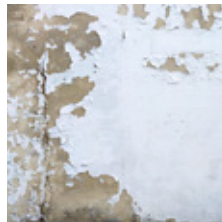
Glas Tile



Hard Tile



Soft Tile

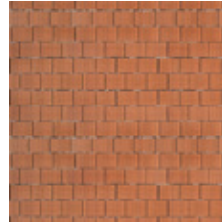


Old Paint

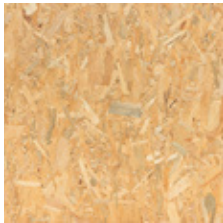
2.2.2 / CARDBOARD BOX Measuring Systems



Concrete 3



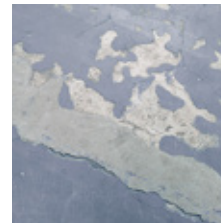
Brick 1



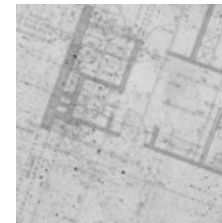
Wood 3



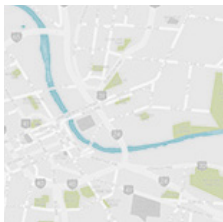
Metal 1



Epoxy



Plan



Map

2.2.2

CARDBOARD BOX

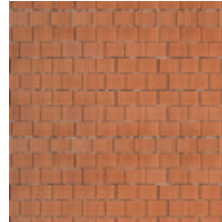
Screw Fastening / Direct Fastening



Concrete 1



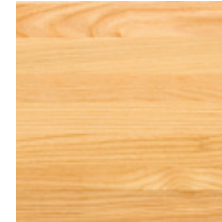
Concrete 3



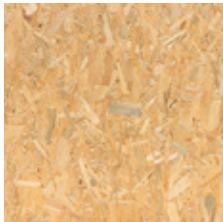
Brick 1



Brick 2



Wood 2



Wood 3



Wood 5



Drywall



Metal 1



Metal 2

2.2.3 / BULK

Code 39 / serial number specification

See Fundamentals ▶ Barcodes ▶

Code 39 / serial number (p. 20)



2.2.3 / BULK Sales label

The images shown are used for explanation purposes only.

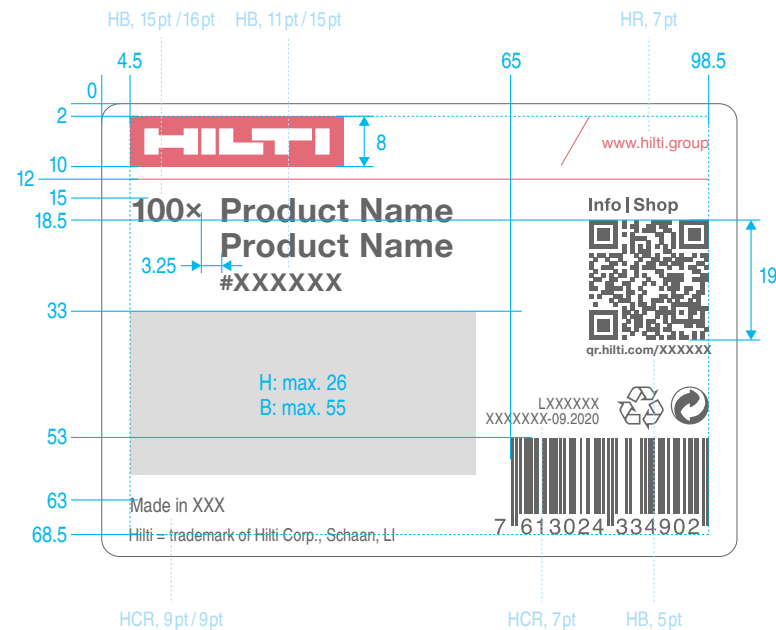
Preprinted label



With printed content



Sizing



Sales Label 101 × 72 mm (11795)

The pre-printed labels form the basis for individual black printing of various product-relevant information.

Caption

- 1 Product name
- 2 Quantity
- 3 Item/market number
- 4 Line drawing of product
- 5 Country of origin
- 6 GTIN-13 barcode
- 7 QR Code

Font, font size / line spacing
HCR = Hilti Condensed Roman
HB = Hilti Bold
HR = Hilti Roman
All sizes are in millimeters

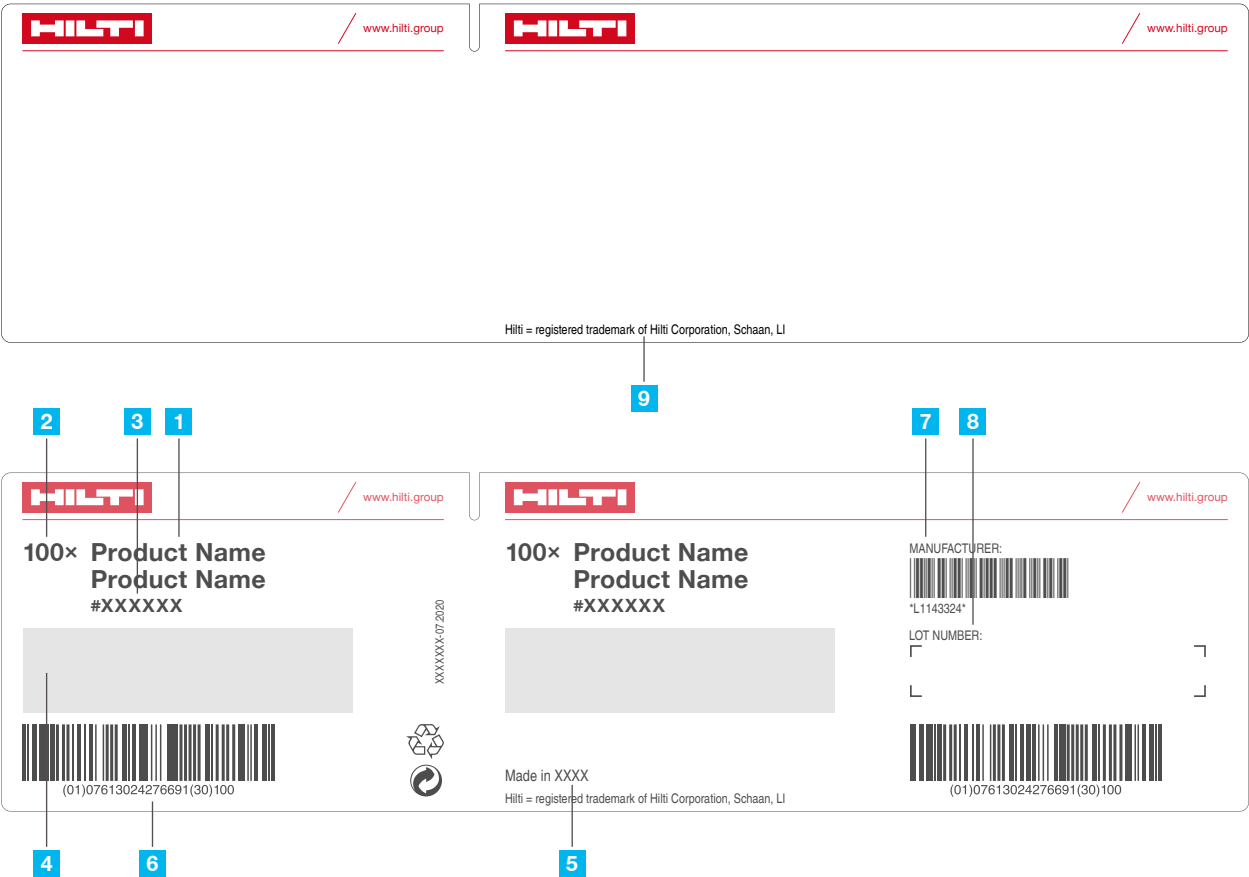
2.2.3

BULK

Export labels

The images shown are used for explanation purposes only.

Preprinted label



Cardboard box: Fefco 0201
Concept: Please consult CP Packaging.

Export label 265x72 mm (230699)
The label is affixed as shown over one corner in the bottom third of the height of the box. Important: For matters concerning labeling and printing for hazardous materials, consult GLD for hazardous materials transport.

Technical design
The design of the packaging has to be done in accordance to the Transportation Regulations issued by Global Logistics. Export packaging needs to be released by CP or BUs respectively local organizations.

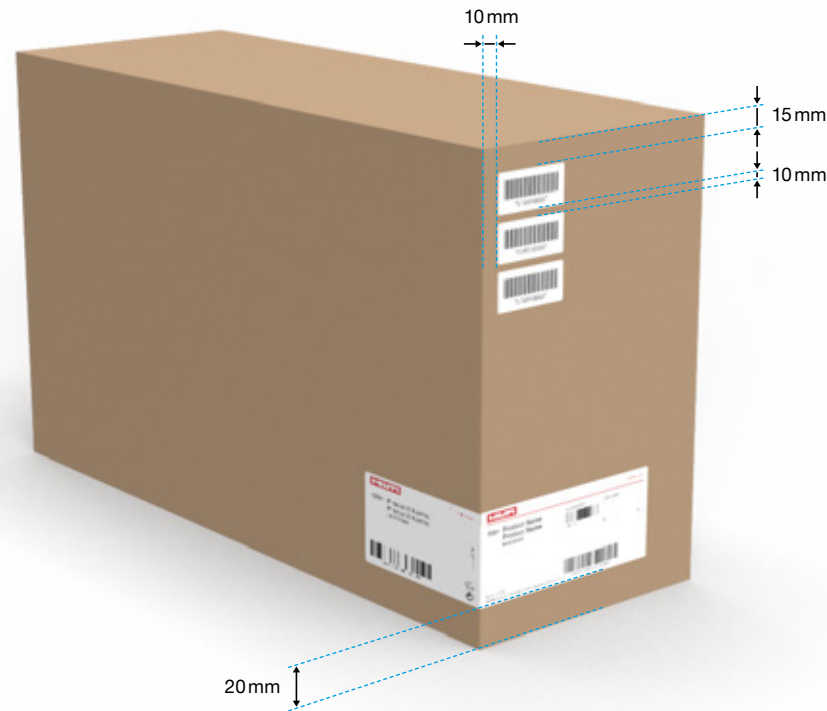
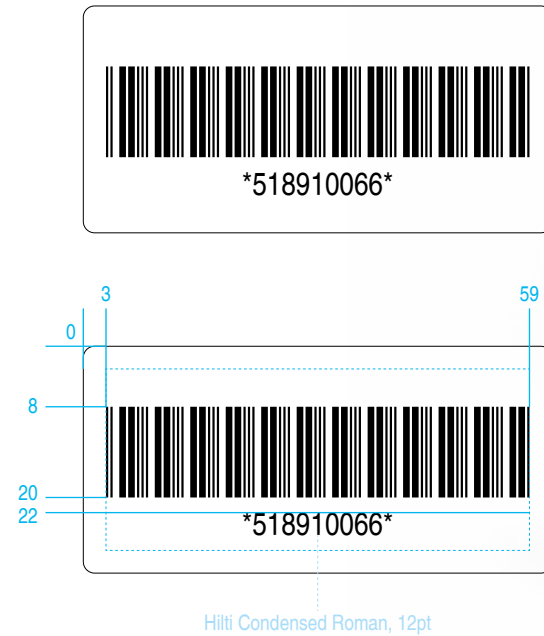
- Caption**
- 1** Product name
 - 2** Quantity
 - 3** Item/market number
 - 4** Line drawing of product
 - 5** Country of origin
 - 6** GTIN-128 barcode
 - 7** Code 39 barcode / supplier number
 - 8** Field for printing lot number
 - 9** Trademark





2.2.3 / BULK Labels for serial numbers

The images shown are used for explanation purposes only.



Cardboard box

Fefco 0201

Code 39 / serial number specification

See Fundamentals ▶ Barcodes ▶

Code 39 / serial number (p. 20)

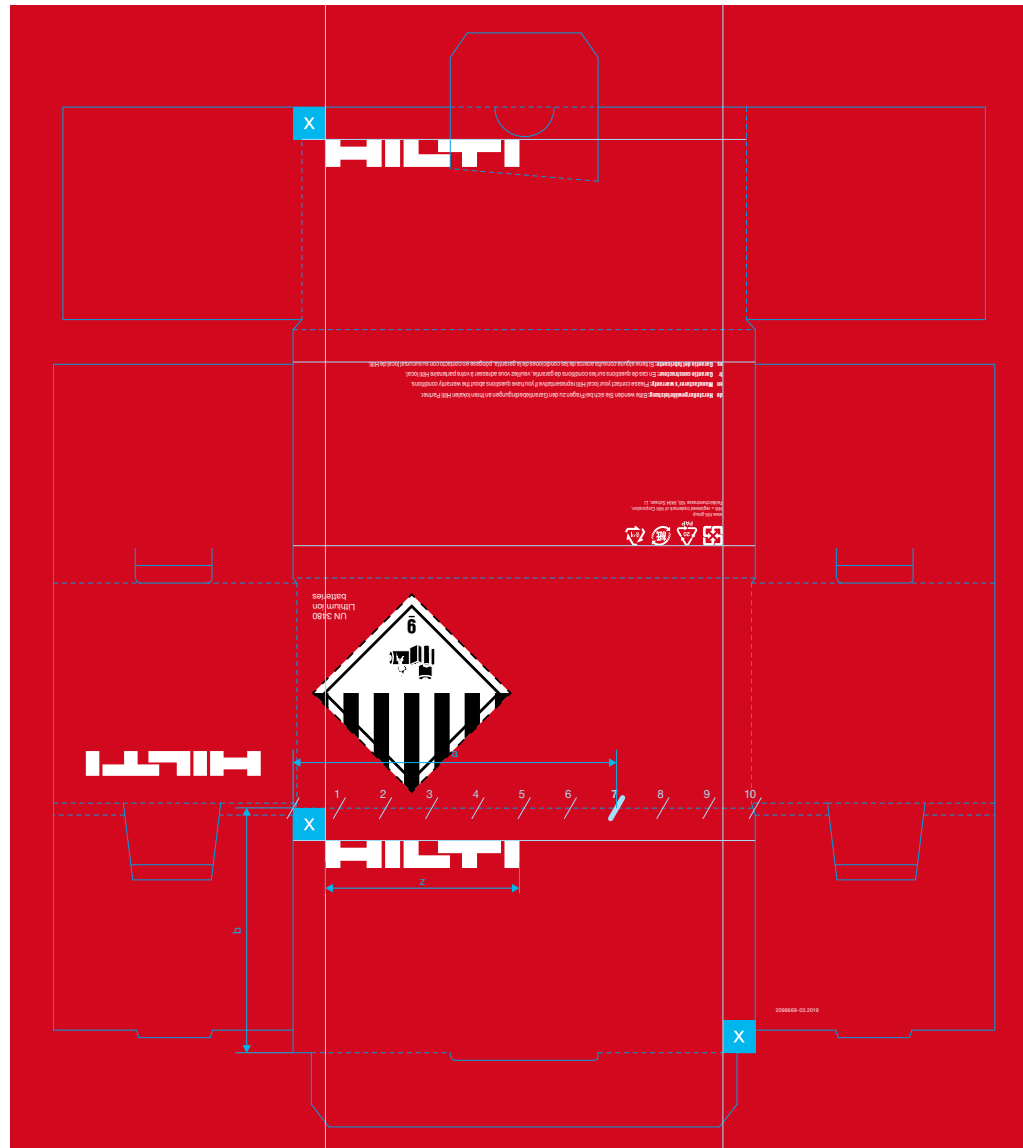
2.2.4 / BATTERY

Definition and Examples



2.2.4 BATTERY

Cardboard box (higher than 100Wh)



Dangerous goods declaration

All information on the dangerous goods declaration (pictogram, size, etc.) is provided by Global Logistics (Transport Manager Dangerous Goods).

Basic construction design

$x = 1/10$ of a

Logo (z) = $6 \times x$

Important: The logo on the right is omitted due to the labeling

Fonts and sizes

See Basics ▶ Typography (p. 11)

Recycling marking

See Basics ▶ Pictograms ▶ Recycling (p. 16)

Product safety notice

See Basics ▶ Legal requirements ▶

Product safety information (p. 22)

Important

The outer cover paper of the cardboard box must be white for printing.



2.2.4 BATTERY

Cardboard box (lower than 100Wh)



Basic construction design

$x = 1/10$ of a

Logo (z) = $6 \times x$

Important: The logo on the right is omitted due to the labeling

Fonts and sizes

See Basics ▶ Typography (p. 11)

Recycling marking

See Basics ▶ Pictograms ▶ Recycling (p. 16)

Product safety notice

See Basics ▶ Legal requirements ▶

Product safety information (p. 22)

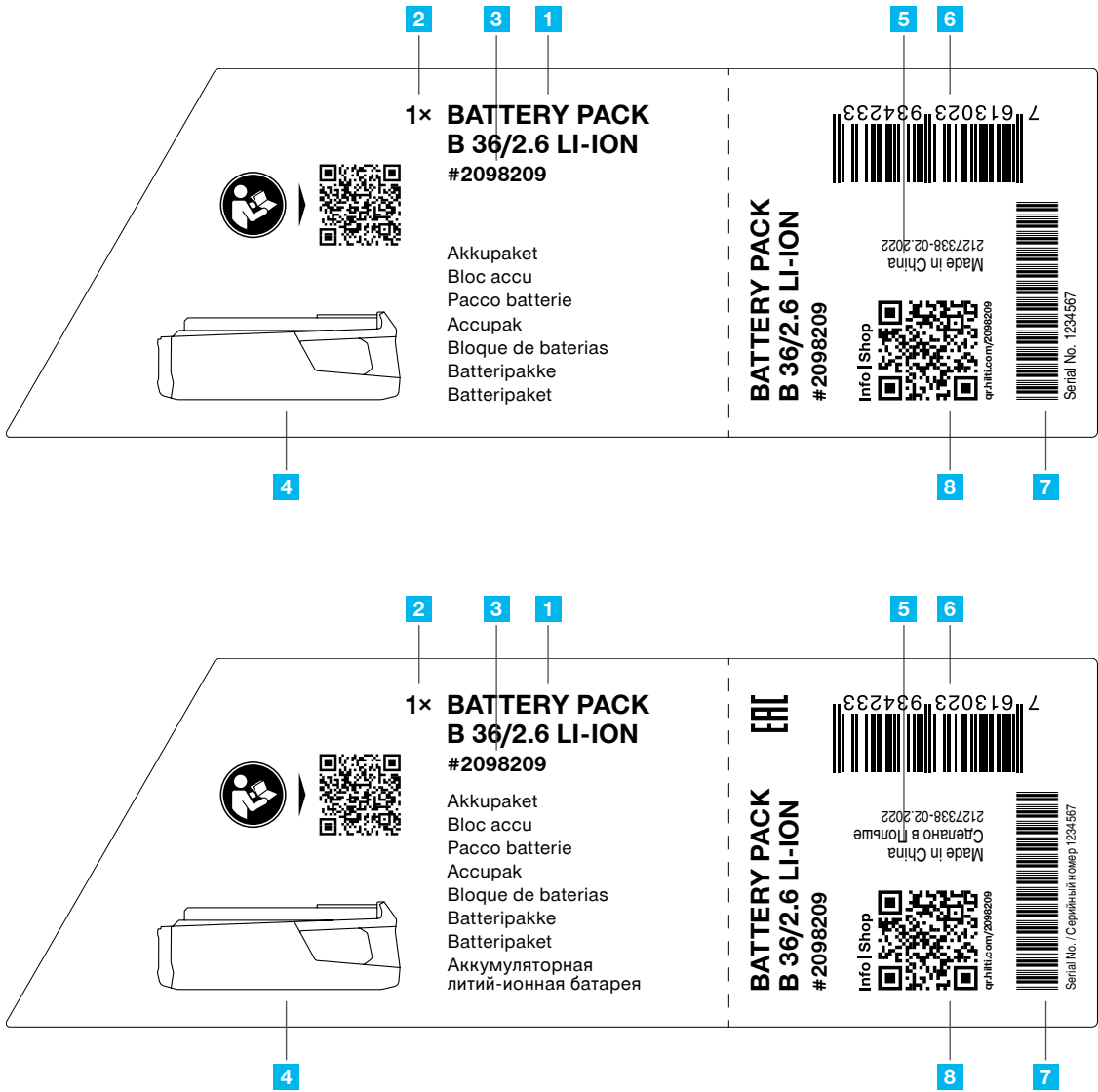
Important

The outer cover paper of the cardboard box must be white for printing.



2.2.4 / BATTERY Sales labels

The images shown are used for explanation purposes only.



148 × 50 mm (2223316)

White labels are the basis for the individual black-letter printing of diverse items of product-relevant information. These labels are used on sales packaging placed across the corner. The longer part of the label is spaced from 10 mm to the lower edge on the face side attached to the packaging, the shorter one on the right side of the packaging.

Caption

- 1 Product name
- 2 Quantity
- 3 Item/market number
- 4 Line drawing of product
- 5 Country of origin
- 6 GTIN-13 barcode
- 7 Code 39 barcode / serial number
- 8 QR code

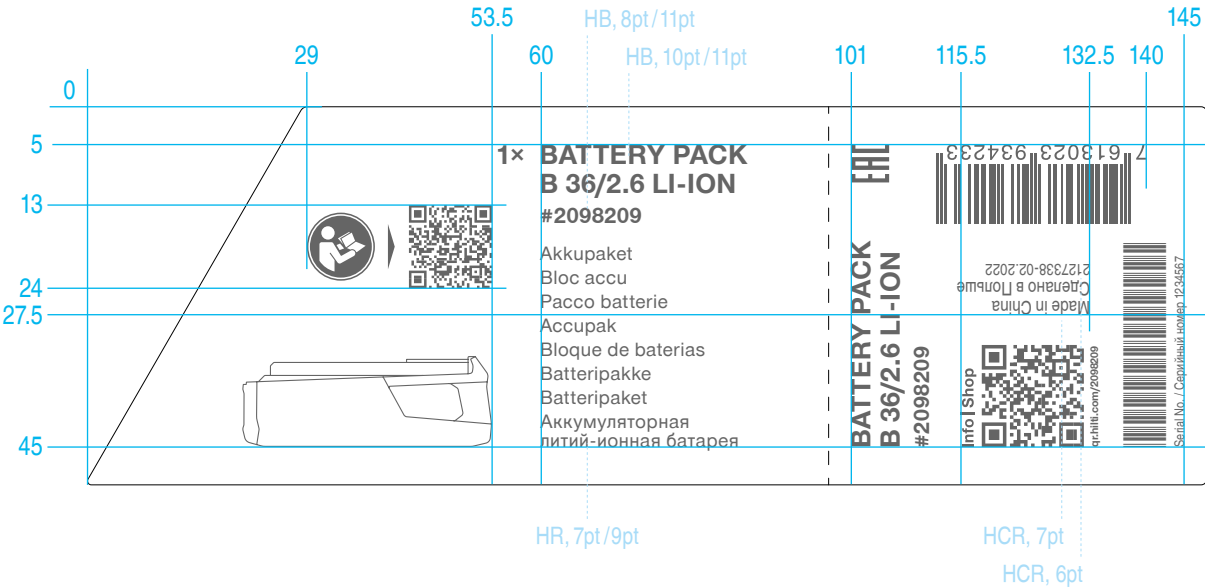


2.2.4

BATTERY

Sales labels – Sizing

The images shown are used for explanation purposes only.



Font, font size / line spacing
HCR = Hilti Condensed Roman
HB = Hilti Bold
HR = Hilti Roman
All sizes are in millimeters

2.2.4 / BATTERY

Bulk packaging

Code 39 / serial number specification

See Fundamentals ▶ Barcodes ▶

Code 39 / serial number (p. 20)



2.2.4 / BATTERY

Bulk packaging – Sales labels

The images shown are used for explanation purposes only.

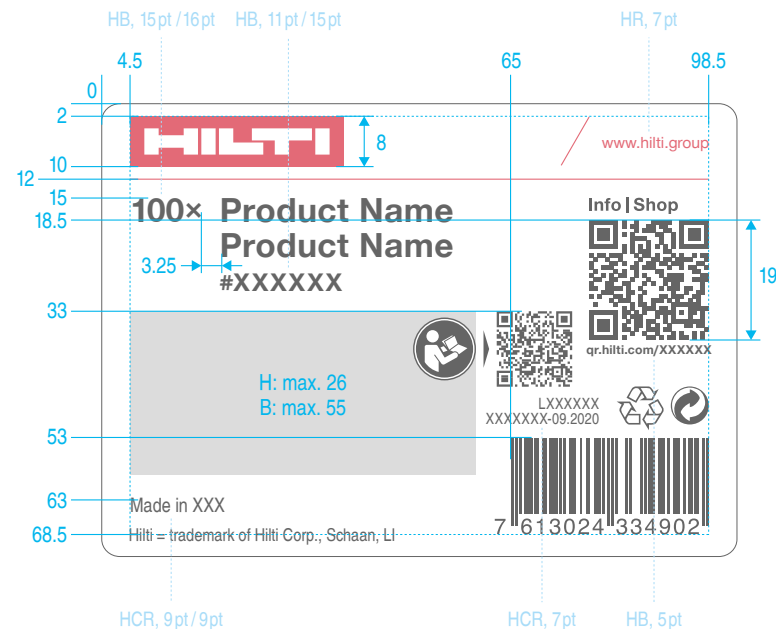
Preprinted label



With printed content



Sizing



Sales label 101 × 72 mm (11795)

The pre-printed labels form the basis for individual black printing of various product-relevant information.

Caption

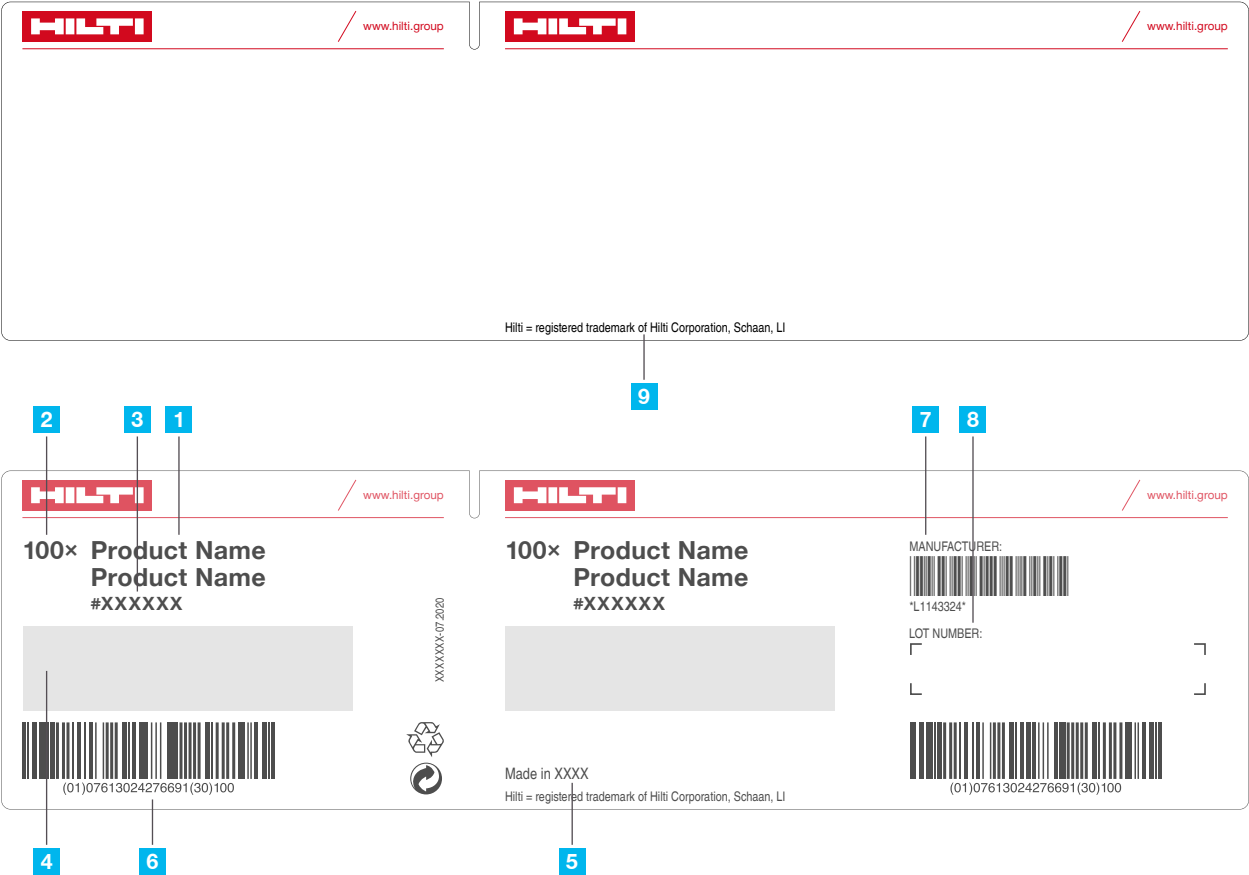
- 1 Product name
- 2 Quantity
- 3 Item/market number
- 4 Line drawing of product
- 5 Country of origin
- 6 GTIN-13 barcode
- 7 QR Code

Font, font size / line spacing
HCR = Hilti Condensed Roman
HB = Hilti Bold
HR = Hilti Roman
All sizes are in millimeters

2.2.4 / BATTERY Export labels

The images shown are used for explanation purposes only.

Preprinted label



Cardboard box: Fefco 0201
Concept: Please consult CP Packaging.

Export label 265x72 mm (230699)
The label is affixed as shown over one corner in the bottom third of the height of the box. Important: For matters concerning labeling and printing for hazardous materials, consult GLD for hazardous materials transport.

Technical design
The design of the packaging has to be done in accordance to the Transportation Regulations issued by Global Logistics. Export packaging needs to be released by CP or BUs respectively local organizations.

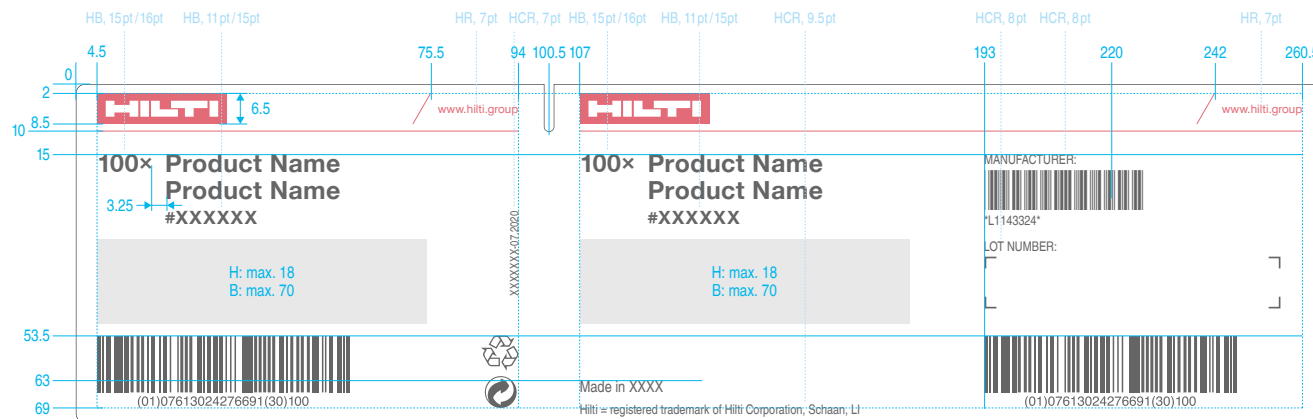
- Caption**
- 1 Product name
 - 2 Quantity
 - 3 Item/market number
 - 4 Line drawing of product
 - 5 Country of origin
 - 6 GTIN-128 barcode
 - 7 Code 39 barcode / supplier number
 - 8 Field for printing lot number
 - 9 Trademark



2.2.4 BATTERY

Export labels – Sizing

The images shown are used for explanation purposes only.

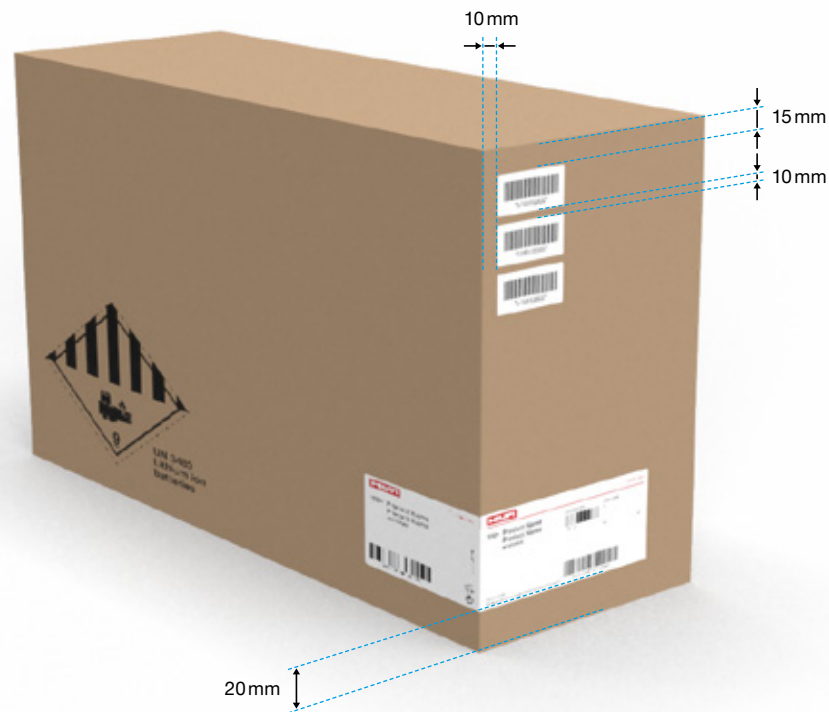
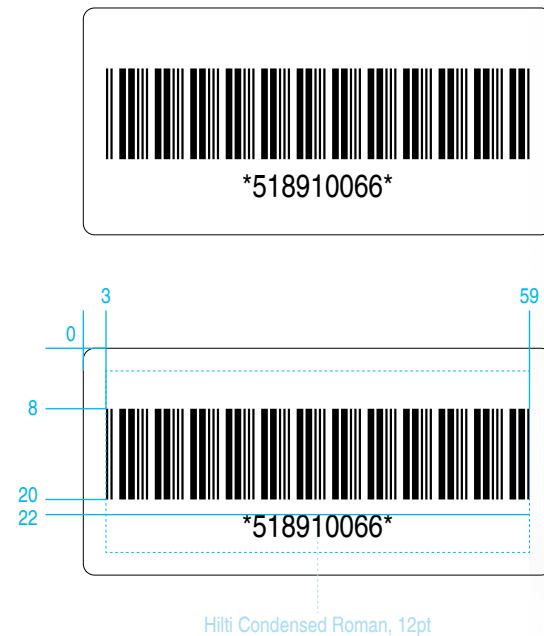


Font, font size / line spacing
HCR = Hilti Condensed Roman
HB = Hilti Bold
HR = Hilti Roman
All sizes are in millimeters

2.2.4 / BATTERY

Labels for serial numbers

The images shown are used for explanation purposes only.



Cardboard box

Fefco 0201

Dangerous goods declaration

All information on the dangerous goods declaration (pictogram, size, etc.) is provided by Global Logistics (Transport Manager Dangerous Goods).

Code 39 / serial number specification

See Fundamentals ▶ Barcodes ▶ Code 39 / serial number (p. 20)

2.2.5 / CHARGER

Definition and Examples



2.2.5 / CHARGER

Cardboard box



Basic construction design

$x = 1/10$ of a

$y = 1/2$ of x

$v = 3/4$ of x

Logo (z) = $6 \times x$

Important: The logo on the right is omitted due to the labeling

Fonts and sizes

See Basics ▶ Typography (p. 11)

Recycling marking

See Basics ▶ Pictograms ▶ Recycling (p. 16)

Product safety notice

See Basics ▶ Legal requirements ▶

Product safety information (p. 22)

Important

The outer cover paper of the cardboard box must be white for printing.



2.2.5 / CHARGER Sales label

The images shown are used for explanation purposes only.



148 × 50 mm

White labels are the basis for the individual black-letter printing of diverse items of product-relevant information.

These labels are used on sales packaging placed across the corner. The longer part of the label is spaced from 10 mm to the lower edge on the face side attached to the packaging, the shorter one on the right side of the packaging.

Caption

- 1 Product name
- 2 Quantity
- 3 Item/market number
- 4 Line drawing of product
- 5 Country of origin
- 6 GTIN-13 barcode
- 7 Code 39 barcode / serial number
- 8 QR code

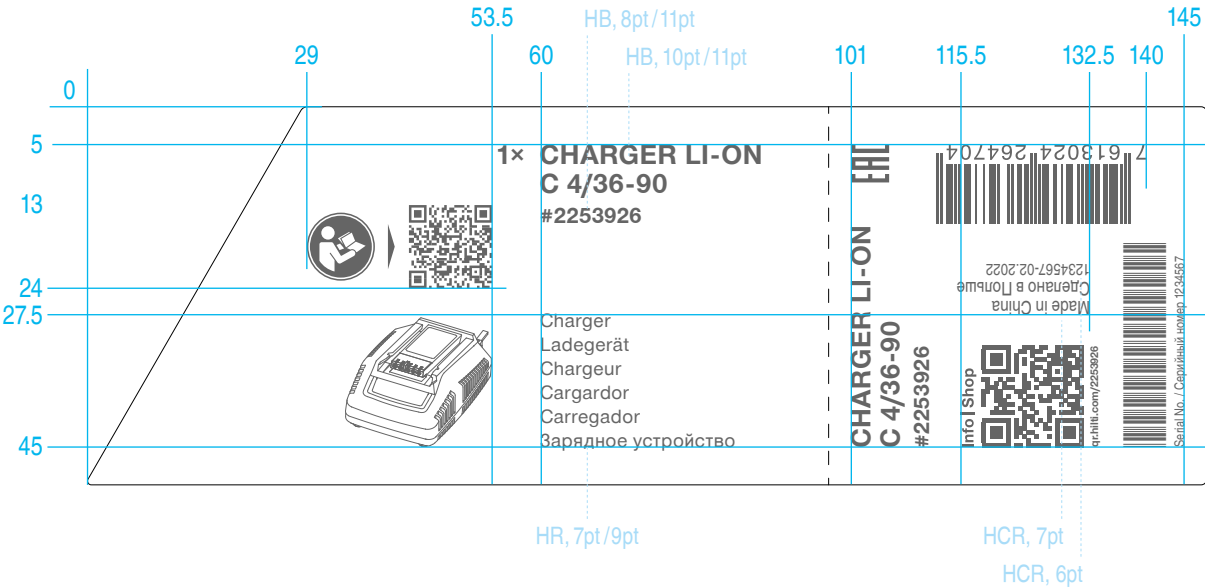


2.2.5

CHARGER

Sales labels – Sizing

The images shown are used for explanation purposes only.



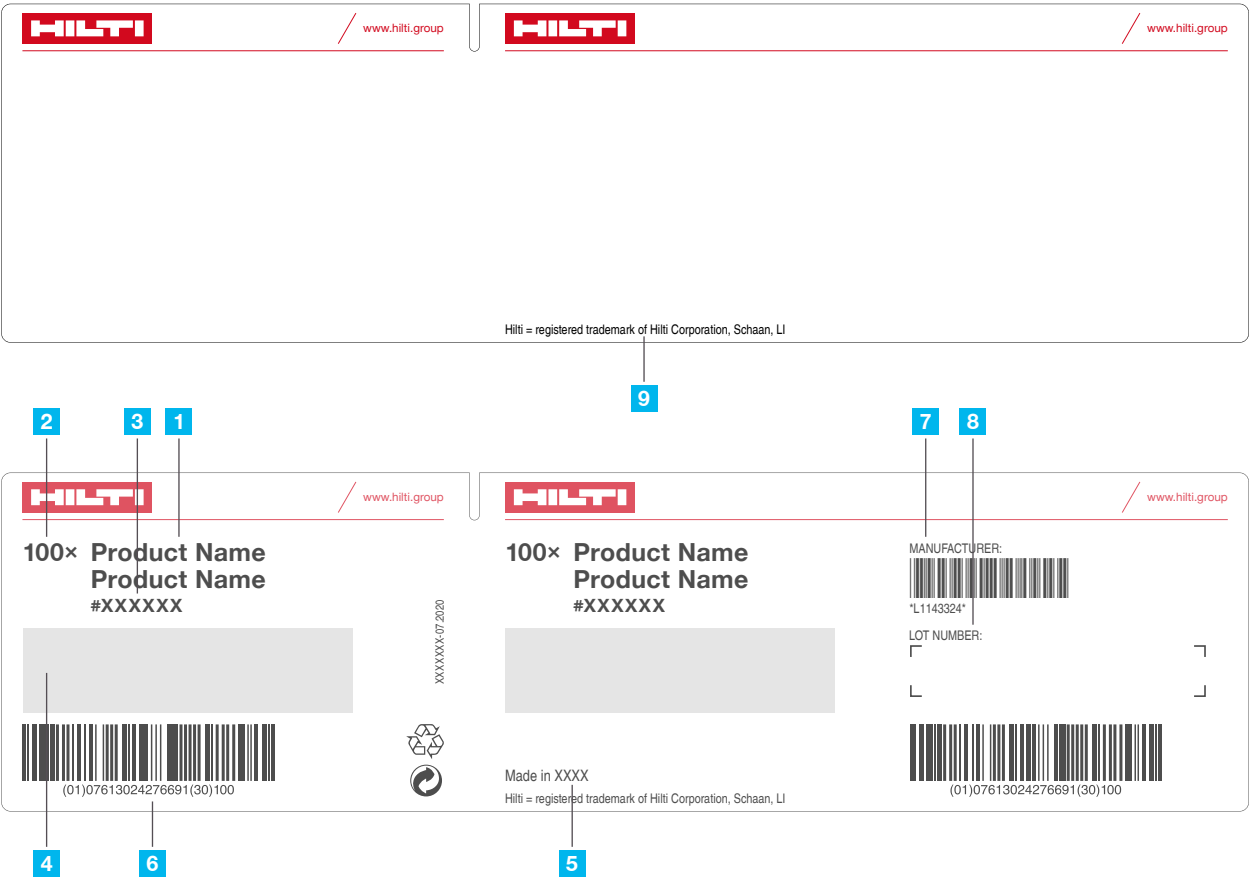
Font, font size / line spacing
HCR = Hilti Condensed Roman
HB = Hilti Bold
HR = Hilti Roman
All sizes are in millimeters

2.2.5 / CHARGER

Export labels

The images shown are used for explanation purposes only.

Preprinted label



Cardboard box: Fefco 0201
Concept: Please consult CP Packaging.

Export label 265x72 mm (230699)
The label is affixed as shown over one corner in the bottom third of the height of the box. Important: For matters concerning labeling and printing for hazardous materials, consult GLD for hazardous materials transport.

Technical design
The design of the packaging has to be done in accordance to the Transportation Regulations issued by Global Logistics. Export packaging needs to be released by CP or BUs respectively local organizations.

- Caption**
- 1 Product name
 - 2 Quantity
 - 3 Item/market number
 - 4 Line drawing of product
 - 5 Country of origin
 - 6 GTIN-128 barcode
 - 7 Code 39 barcode / supplier number
 - 8 Field for printing lot number
 - 9 Trademark





2.2.5 / CHARGER

Labels for serial numbers

The images shown are used for explanation purposes only.



Cardboard box

Fefco 0201

Code 39 / serial number specification

See Fundamentals ▶ Barcodes ▶

Code 39 / serial number (p. 20)

2.2.6 / DATA SUPPLY FOR HDV

Information leaflet

Information required for HDV

The product manager has to supply the following information and define the following restrictions in advance.

- **Complete MDM data**
- **Design definition**
- **Product description**
 - Which languages are needed?
 - Translations are supplied by the product manager (based on the intended distribution markets)
- **Mark selected work-material background**
 - See the section headed „Work-material backgrounds“
- **Sizes on the box**
 - cm/mm/inch
- **Pictograms**
 - Product-specific
 - Approval-specific
 - Recycling-specific (based on the intended distribution markets)
- **Safety aspects**
 - Storage instructions / hazmat symbols (GLD – hazardous materials transport)
- **Product image/visualization**
 - STEP file (.stp) of the product (Rendering is done by HDV)
- **Definition of artwork takes place between PM and HDV**

Important:

No implementation until all necessary information has been provided.



2. TOOLS

Table of content	page
2.3 Cordless Tools (NURON)	103
2.3.1 Cas	105
2.3.2 Cardboard box	112
2.3.3 Bulk	124
2.3.4 Battery	129
2.3.5 Charger	139
2.3.6 Data supply for HDV	146

2.3 / CORDLESS TOOLS (NURON)

Definition and Examples



2.3.1 / CASE Types

Case designation	Outside dimensions [mm]	Produced in	Item number	Inner block size
Hilti Boy	270 × 195 × 70	Europe	2227459	257 × 129 × 55,5 (62,5)
PRC_5_10	395 × 295 × 103	China	2206677	380 × 207 × 84 (93)
PRC_10_10	395 × 362 × 119	China	2206674	378 × 275 × 100 (109)
PRC_20_10	444 × 395 × 119	China	2284941	425 × 308 × 99 (109)
EU_30_05	495 × 395 × 121	Europe	n.A.	477 × 305 × 99 (111)
EU_30_10	495 × 395 × 149	Europe	2206513	474 × 305 × 127 (139)
PRC_30_10	495 × 395 × 149	China	2206513	474 × 305 × 127 (139)
EU_30_20	495 × 395 × 242	Europe	2206676	476 × 286 × 219 (231)
EU_30_30	495 × 395 × 340	Europe	2264931	472 × 298 × 316 (328)
EU_40_10	595 × 461 × 149	Europe	2206514	573 × 371 × 126 (138)
PRC_40_10	595 × 461 × 149	China	2206514	573 × 371 × 126 (138)
EU_40_20	595 × 461 × 175	Europe	2206515	571 × 366 × 152 (164)
EU_50_10	695 × 486 × 175	Europe	2206516	671 × 392 × 151 (163)
EU_60_10	795 × 439 × 195	Europe	2206673	769 × 340 × 171 (183)

The current Hilti tool case is modular in design and is available in the sizes listed here on the left.

In addition to the components of the hardshells, handles and catches, which are pre-defined, the following components are individually adapted to the relevant product:

- Individually produced plastic insert, designed to hold standard tools or promotions
- Individual printing on the defined product nametags (see Page 29 ff.)
- Individual label (see Page 32)
- Optional in-case sticker (see Page 33 f.)

Caption

PRC = Made in China

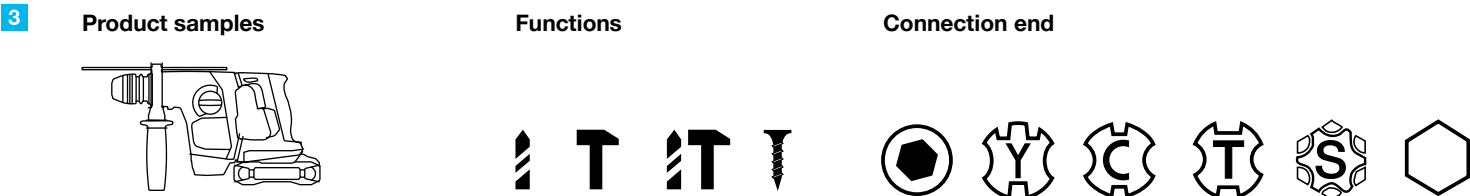
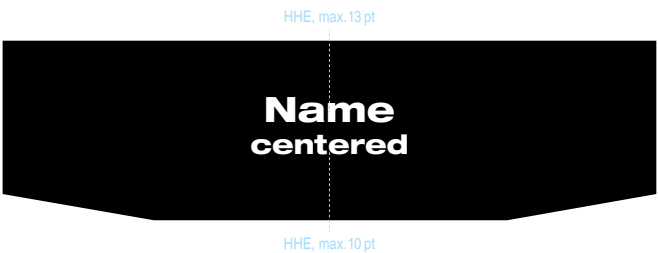
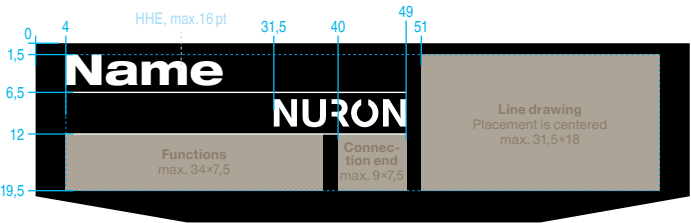
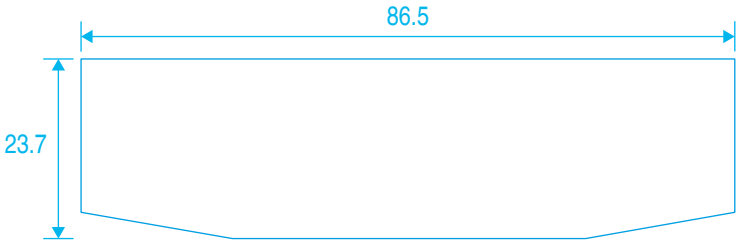
EU = Made in Switzerland

For further questions or information please contact CP.



2.3.1

CASE
Clips



1 Printing on tool cases

The printing on the clip is as illustrated and consists of the name, product depiction, function symbol and symbol depicting the insertion end of the accessory tool. Other content is not allowed.

2 Printing on consumables / demo cases

3 Symbols

There might be more than one function symbol, depending on the type of tool, but only one symbol depicting the appropriate connection end can be used

Font, font size
HHE = Hilti Heavy Extended
All sizes are in millimeters

2.3.1 / CASE

Clips – Examples

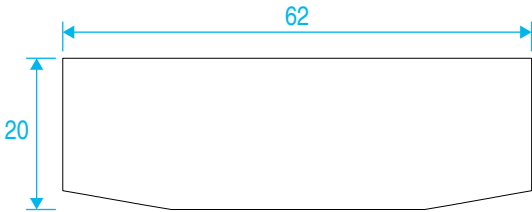


2.3.1

CASE
Clips – Hilti Boy

Hilti Boy

- 1 Printing
- 2 Samples



1



HHE, max.13 pt
HHE, max.10 pt



HHE, max.17 pt

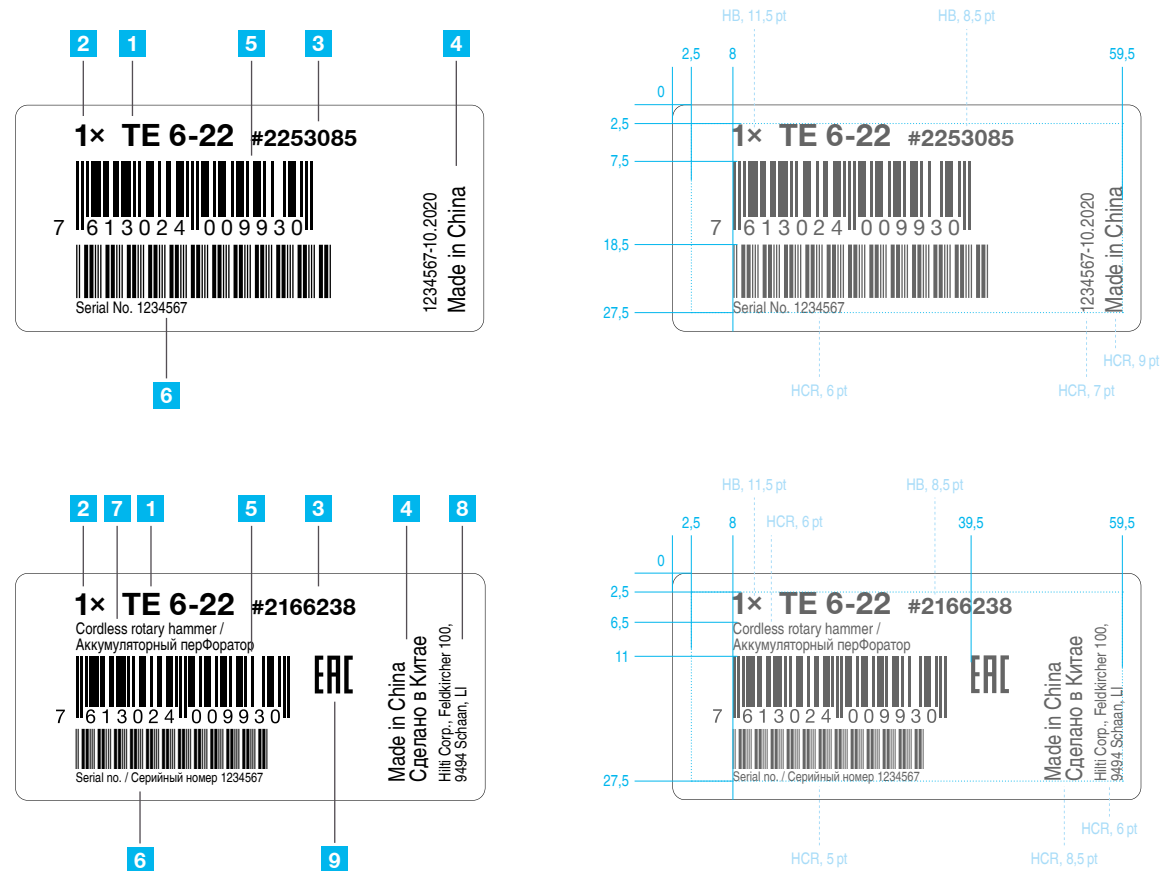
2



Font, font size
HHE = Hilti Heavy Extended
All sizes are in millimeters

2.3.1 CASE Label

The images shown are used for explanation purposes only.



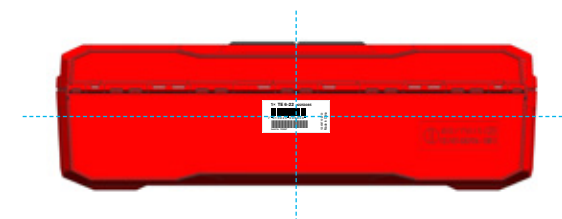
Font, font size / line spacing
HCR = Hilti Condensed Roman
HB = Hilti Bold
HR = Hilti Roman
All sizes are in millimeters

62 × 30 mm (201345)

White labels are the basis for the individual black-letter printing of diverse items of product-relevant information. These labels are affixed to the outside of the tool case. Other formats and other contents are not allowed.

Caption

- 1** Product name
- 2** Quantity
- 3** Item/market number
- 4** Country of origin
- 5** GTIN-13 barcode
- 6** Code 39 barcode / serial number
- 7** Tool name
- 8** Trademark
- 9** EAC Logo



2.3.1

CASE

Label inside case

Case/in-case sticker

Case designation	Outside dimensions [mm]	In-case sticker
PRC_5_10	395 × 295 × 103	2 + 2 / 3
PRC_10_10	395 × 362 × 119	2 + 2 / 3
PRC_20_10	444 × 395 × 119	3 + 1
EU_30_05	495 × 395 × 121	4
EU_30_10 / PRC_30_10	495 × 395 × 149	4
EU_30_20	495 × 395 × 242	4
EU_30_30	495 × 395 × 340	4
EU_40_10 / PRC_40_10	595 × 461 × 149	4 + 1
EU_40_20	595 × 461 × 175	4 + 1
EU_50_10	695 × 486 × 175	3 + 3
EU_60_10	795 × 439 × 195	3 + 4

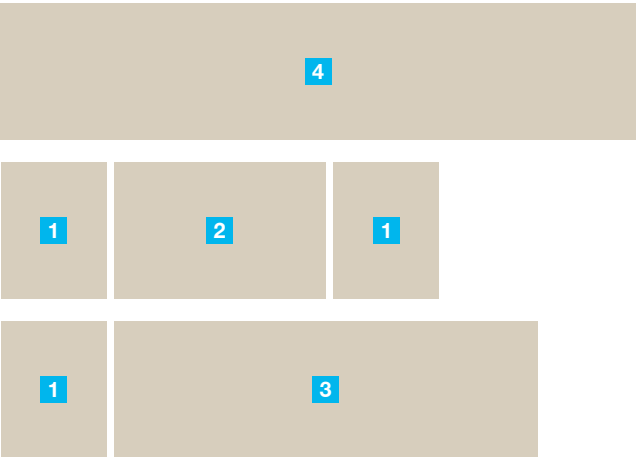
In-case sticker formats

- 170 × 90 mm
- 140 × 90 mm
- 280 × 90 mm
- 420 × 90 mm

Placement in the case



Possible format combinations

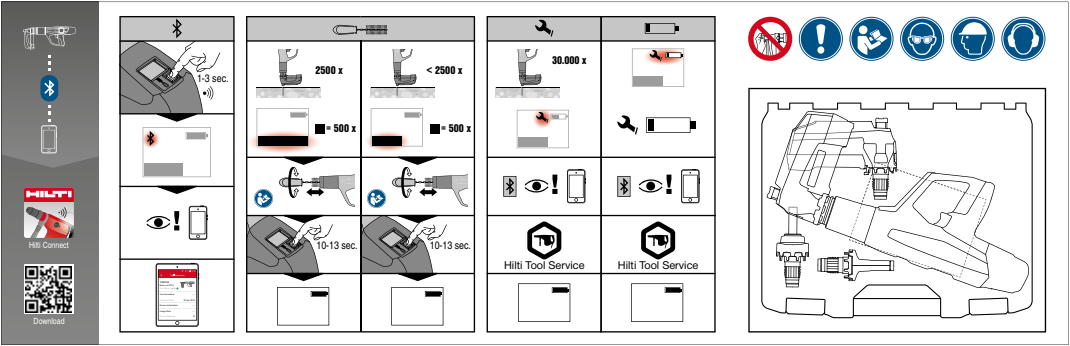


2.3.1

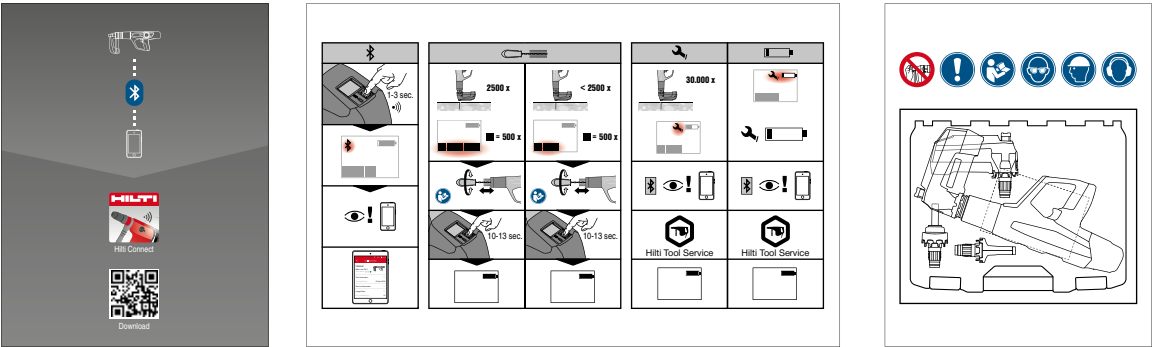
CASE

Label inside case – Examples

Example 280 × 90 mm



Example, combination 70 × 90 mm / 140 × 90 mm / 70 × 90 mm



2.3.2

/

CASE
Types

Module cardboard box	Outside dimensions [mm]	Fefco-Nr.
2277090	580 × 182 × 125	#0427
2277091	478 × 238 × 125	#0427
2277092	370 × 285 × 145	#0427
2277093	285 × 182 × 125	#0427
2277094	245 × 235 × 109	#0427

- Standard packaging with modular scaling.
- The cardboard-box designs are not product-specific, which means they can and should be used for various tools.
- The design and the basic layout are predefined, so implementation of the packaging concept should be significantly simplified.
- The dimensions are matched to each other to permit perfect palletization.



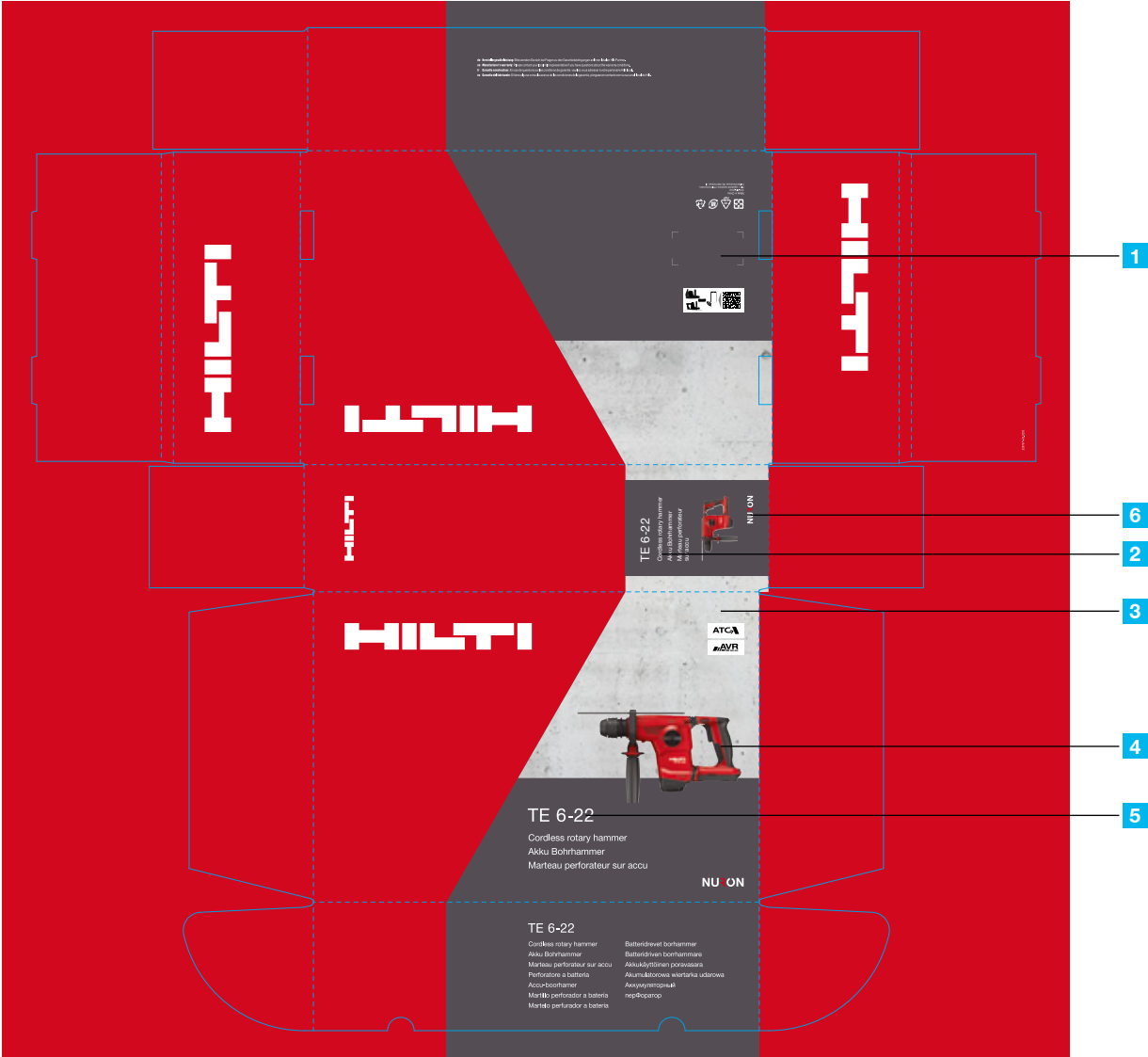
2.3.2

CARDBOARD BOX

Cardboard box, printed – Basic elements

Caption

- 1 Product-specific information
Data supply by Product Marketing (PM)
- 2 By analogy with nos. 4 and 5
- 3 Work-material background
Definition by Product Marketing (PM)
(P. 46 ff.)
- 4 Product image (rendering)
Step file supply by Product Marketing (PM)
- 5 Product name
Supply of translations by
Product Marketing (PM)
- 6 Product line (Nuron)



2.3.2 / CARDBOARD BOX

Cardboard box, printed – Sizing



Basic ratios

$b = 7/10$ of a

$x = 1/10$ of b

$y = 1/2$ of x

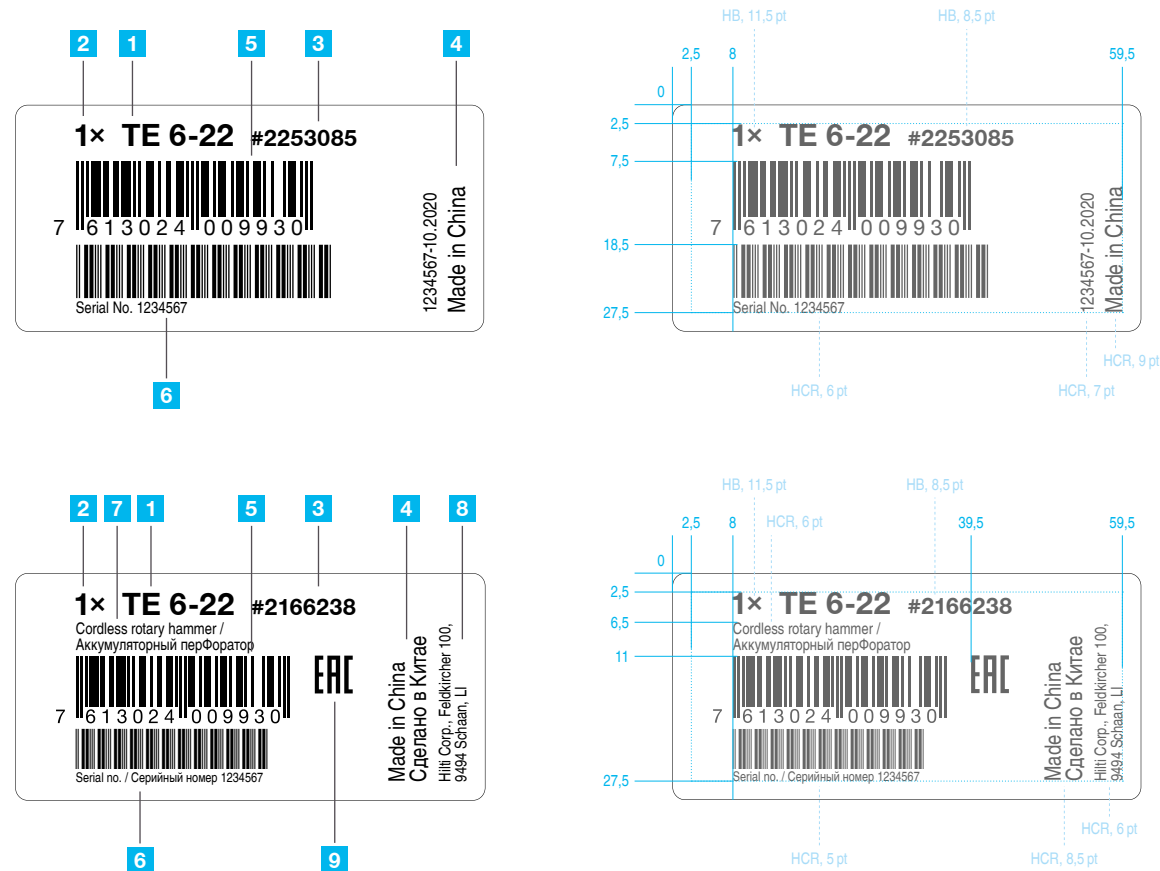
$z = 6 \times x$



2.3.2 / CARDBOARD BOX

Labels for cardboard boxes

The images shown are used for explanation purposes only.



Font, font size / line spacing
 HCR = Hilti Condensed Roman
 HB = Hilti Bold
 HR = Hilti Roman
 All sizes are in millimeters

Sales Label 62 × 30 mm (201345)

White labels are the basis for the individual black-letter printing of diverse items of product-relevant information. These labels are affixed to the outside of the retail packaging. Other formats and other contents are not allowed.

The label is located on the pre-marked area in the steel area.

Caption

- 1 Product name
- 2 Quantity
- 3 Item/market number
- 4 Country of origin
- 5 GTIN-13 barcode
- 6 Code 39 barcode / serial number
- 7 Tool name
- 8 Trademark
- 9 EAC Logo

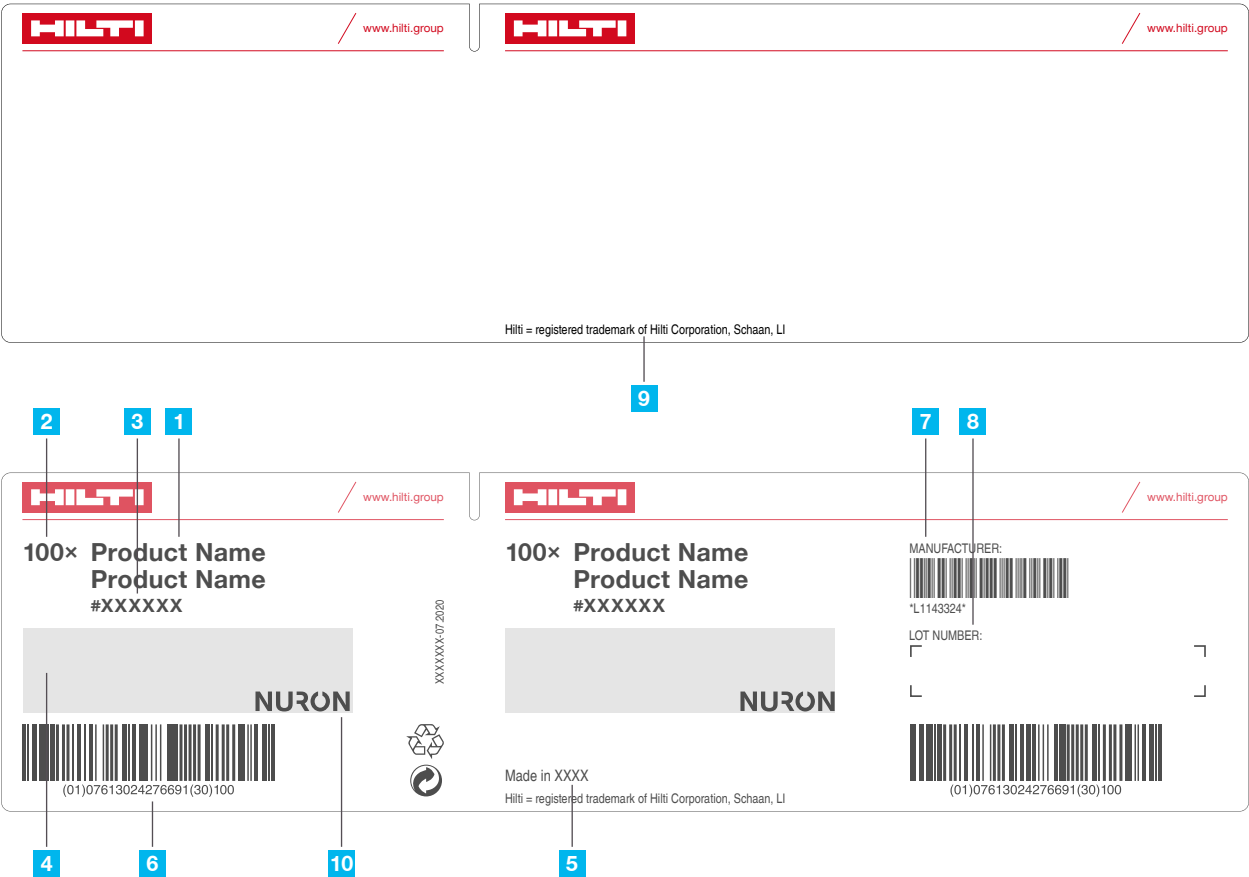


2.3.2 / CARDBOARD BOX

Export labels

The images shown are used for explanation purposes only.

Preprinted label



Cardboard box: Fefco 0201
Concept: Please consult CP Packaging.

Export label 265x72 mm (230699)
The label is affixed as shown over one corner in the bottom third of the height of the box. Important: For matters concerning labeling and printing for hazardous materials, consult GLD for hazardous materials transport.

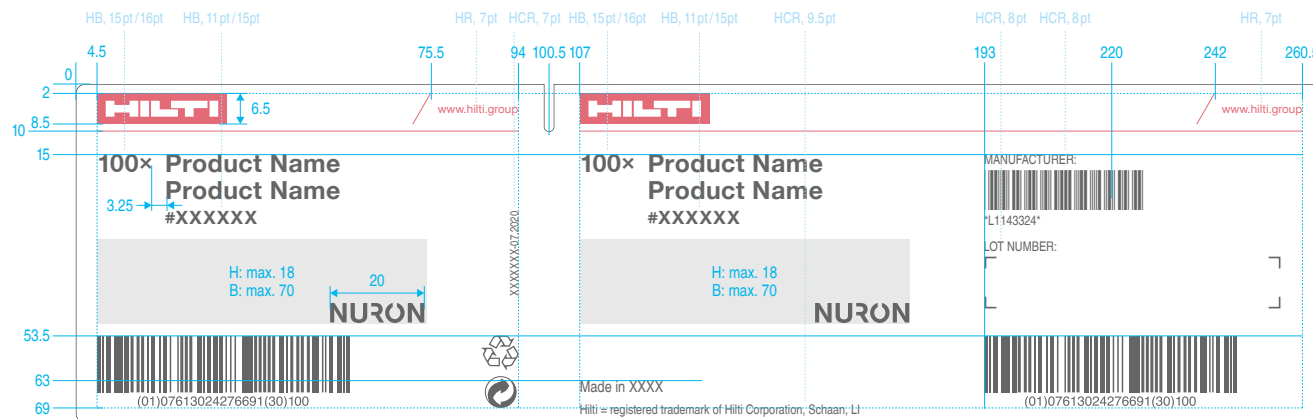
Technical design
Design the packaging in accordance with the transport regulations. CP Packaging is responsible for issuing approval.

- Caption**
- 1 Product name
 - 2 Quantity
 - 3 Item/market number
 - 4 Line drawing of product
 - 5 Country of origin
 - 6 GTIN-128 barcode
 - 7 Code 39 barcode / serial number
 - 8 Field for printing lot number
 - 9 Trademark (Preprint optional)
 - 10 Product line (Nuron)



2.3.2 / CARDBOARD BOX

The images shown are used for explanation purposes only.



Font, font size / line spacing
HCR = Hilti Condensed Roman
HB = Hilti Bold
HR = Hilti Roman
All sizes are in millimeters

2.3.2 / CARDBOARD BOX

Labels for serial numbers

The images shown are used for explanation purposes only.



Cardboard box

Fefco 0201

Code 39 / serial number specification

See Fundamentals ▶ Barcodes ▶

Code 39 / serial number (p. 20)

2.3.2

CARDBOARD BOX

Overview of basic materials



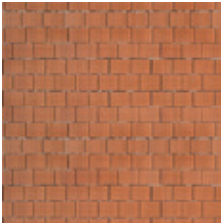
Concrete 1



Concrete 2



Concrete 3



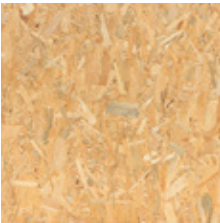
Brick 1



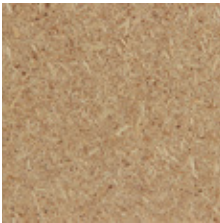
Brick 2



Wood 2



Wood 3



Wood 5



Drywall



Metal 1



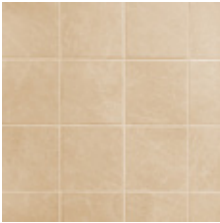
Metal 2



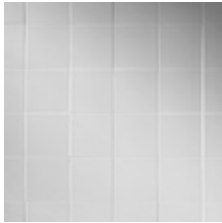
Steel 3



Glas Tile



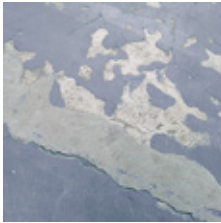
Hard Tile



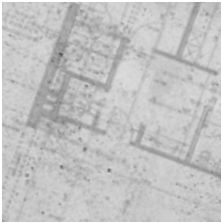
Soft Tile



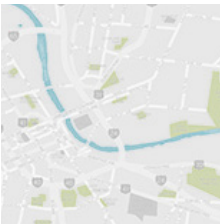
Old Paint



Epoxy



Plan



Map

The photographic work-material backgrounds are for instant and unequivocal identification of the product’s areas of application.

The primary application is depicted on the front of the packaging.
Secondary applications on the back.

Compliance with the BU-specific stipulations (P. 46 ff.) is essential for selection.

2.3.2

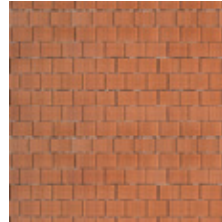


CARDBOARD BOX

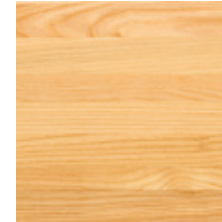
Power Tools & Accessories



Concrete 2



Brick 1



Wood 2



Wood 5



Drywall



Metal 1

2.3.2 / CARDBOARD BOX

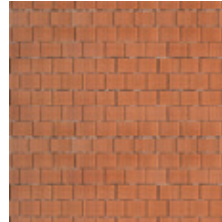
Diamond Systems



Concrete 1



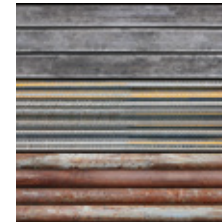
Concrete 2



Brick 1



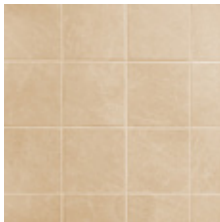
Metal 2



Steel 3



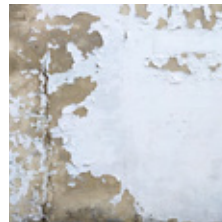
Glas Tile



Hard Tile



Soft Tile

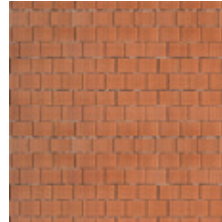


Old Paint

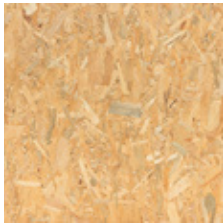
2.3.2 / CARDBOARD BOX Measuring Systems



Concrete 3



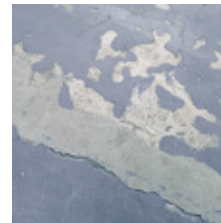
Brick 1



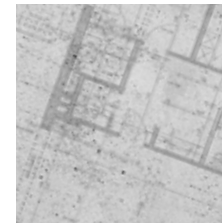
Wood 3



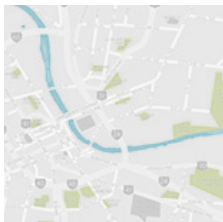
Metal 1



Epoxy



Plan



Map

2.3.2

CARDBOARD BOX

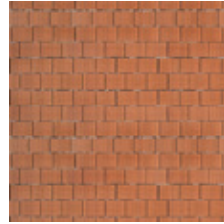
Screw Fastening / Direct Fastening



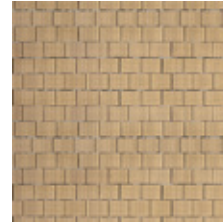
Concrete 1



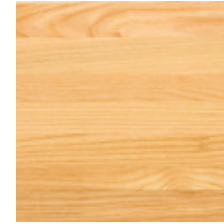
Concrete 3



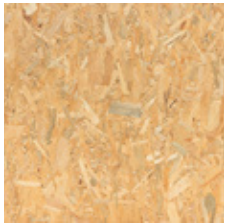
Brick 1



Brick 2



Wood 2



Wood 3



Wood 5



Drywall



Metal 1



Metal 2

2.3.3 / BULK

Code 39 / serial number specification

See Fundamentals ▶ Barcodes ▶

Code 39 / serial number (p. 20)



2.3.3 / BULK Sales label

The images shown are used for explanation purposes only.

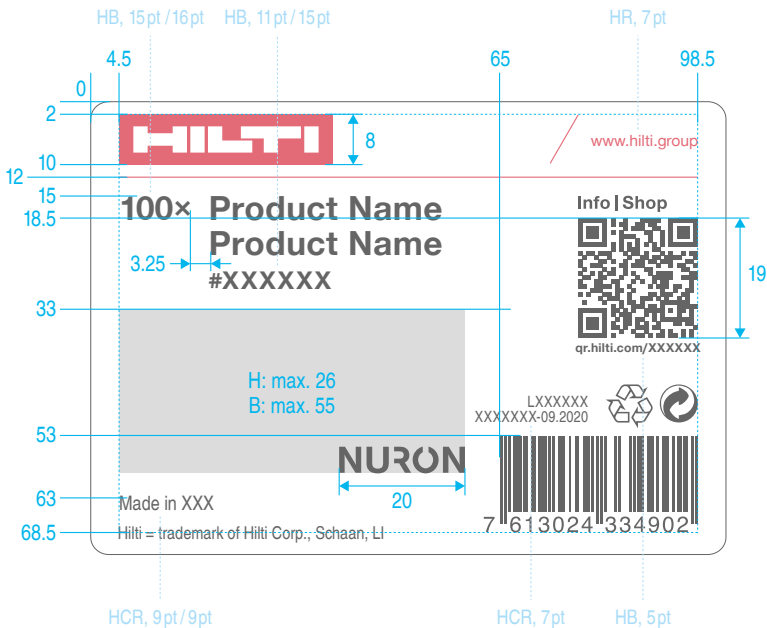
Preprinted label



With printed content



Sizing



Sales Label 101 × 72 mm (11795)

The pre-printed labels form the basis for individual black printing of various product-relevant information.

Caption

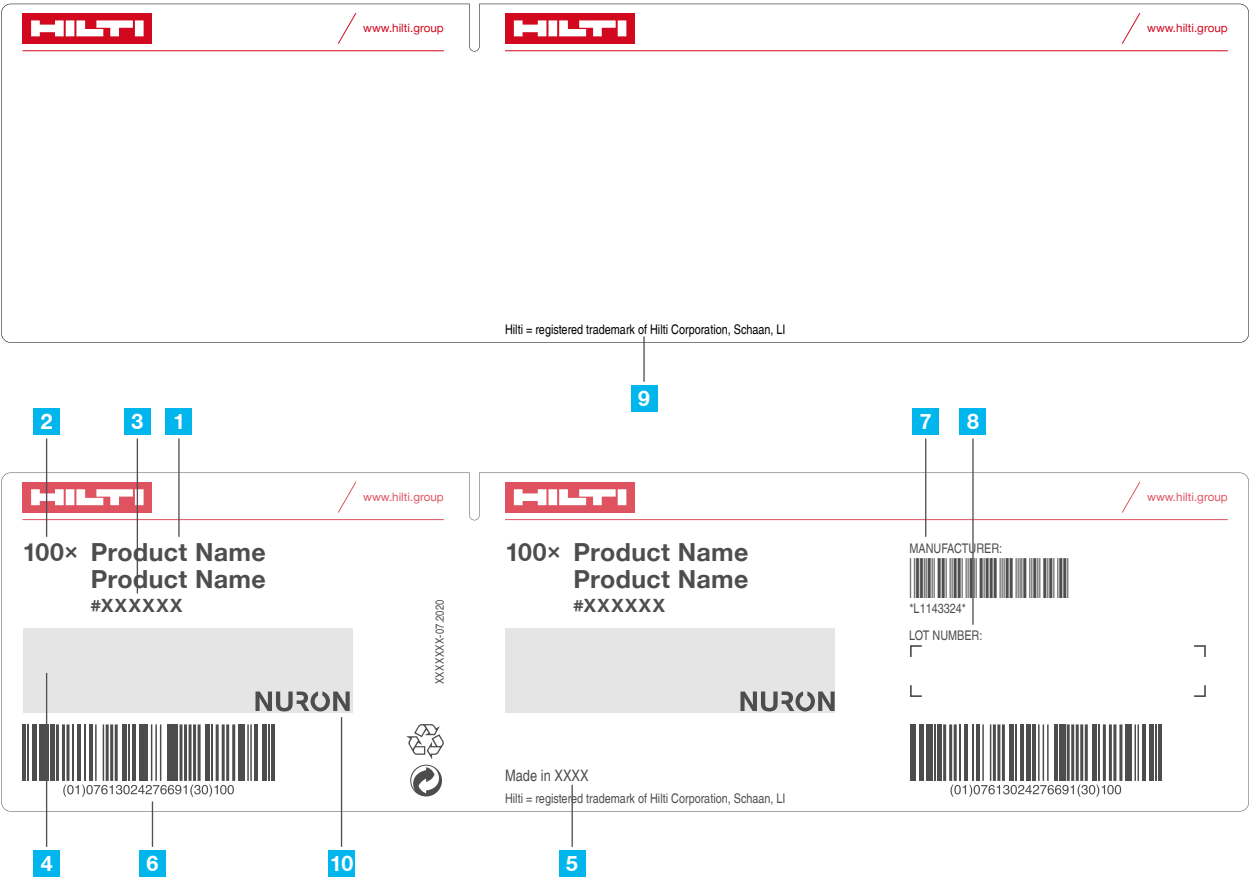
- 1 Product name
- 2 Quantity
- 3 Item/market number
- 4 Line drawing of product
- 5 Country of origin
- 6 GTIN-13 barcode
- 7 QR Code
- 8 Product line (Nuron)

Font, font size / line spacing
HCR = Hilti Condensed Roman
HB = Hilti Bold
HR = Hilti Roman
All sizes are in millimeters

2.3.3 / BULK Export labels

The images shown are used for explanation purposes only.

Preprinted label



Cardboard box: Fefco 0201
Concept: Please consult CP Packaging.

Export label 265x72 mm (230699)
The label is affixed as shown over one corner in the bottom third of the height of the box. Important: For matters concerning labeling and printing for hazardous materials, consult GLD for hazardous materials transport.

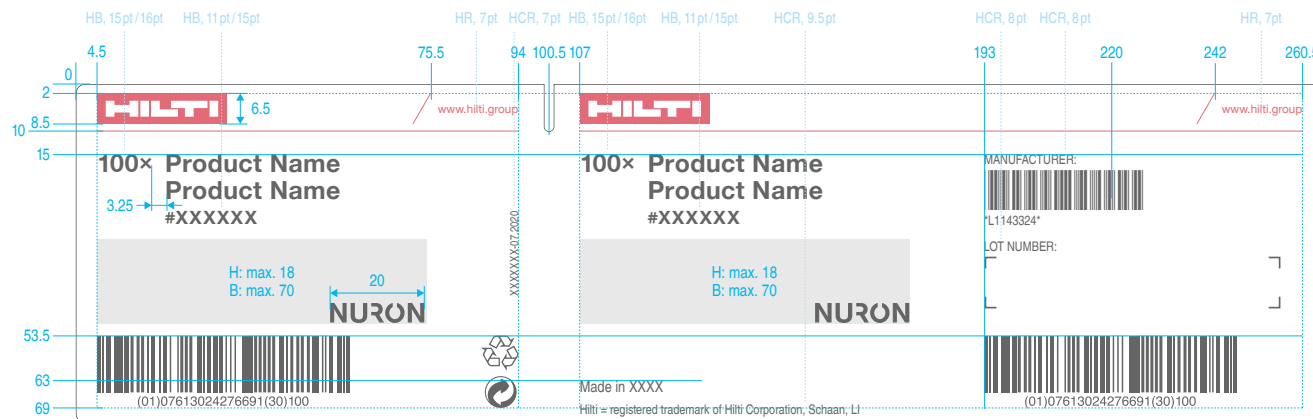
Technical design
Design the packaging in accordance with the transport regulations. CP Packaging is responsible for issuing approval.

- Caption**
- 1 Product name
 - 2 Quantity
 - 3 Item/market number
 - 4 Line drawing of product
 - 5 Country of origin
 - 6 GTIN-128 barcode
 - 7 Code 39 barcode / serial number
 - 8 Field for printing lot number
 - 9 Trademark (Preprint optional)
 - 10 Product line (Nuron)



2.3.3 / BULK Export labels – Sizing

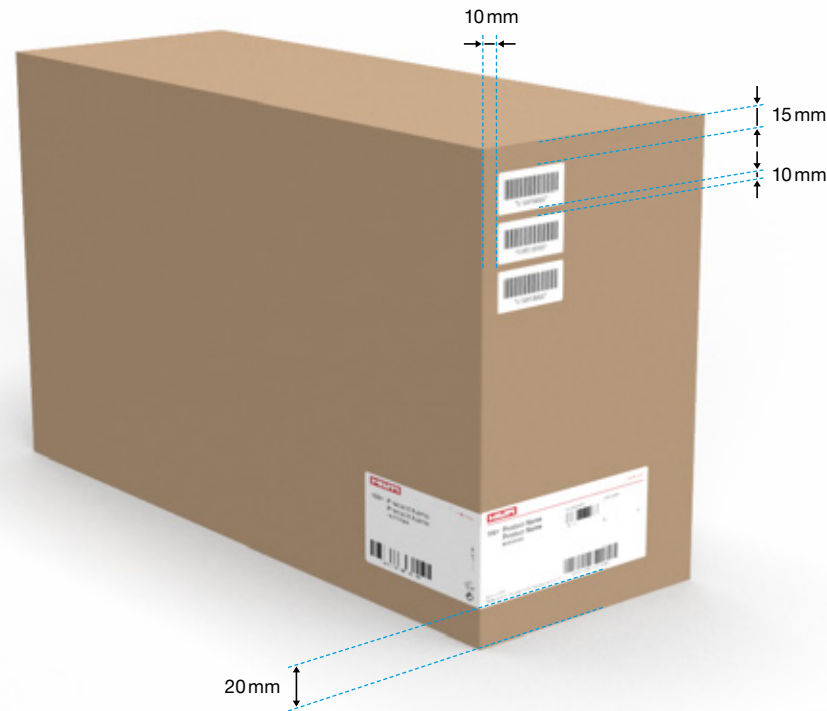
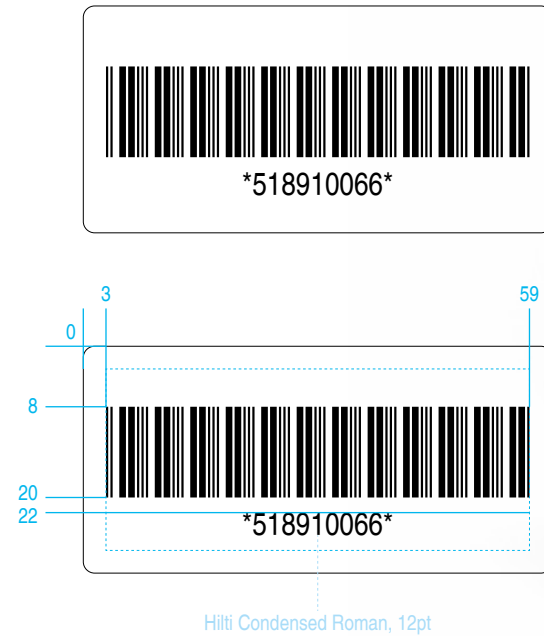
The images shown are used for explanation purposes only.



Font, font size / line spacing
HCR = Hilti Condensed Roman
HB = Hilti Bold
HR = Hilti Roman
All sizes are in millimeters

2.3.3 / BULK Labels for serial numbers

The images shown are used for explanation purposes only.



Cardboard box

Fefco 0201

Code 39 / serial number specification

See Fundamentals ▶ Barcodes ▶
Code 39 / serial number (p. 20)

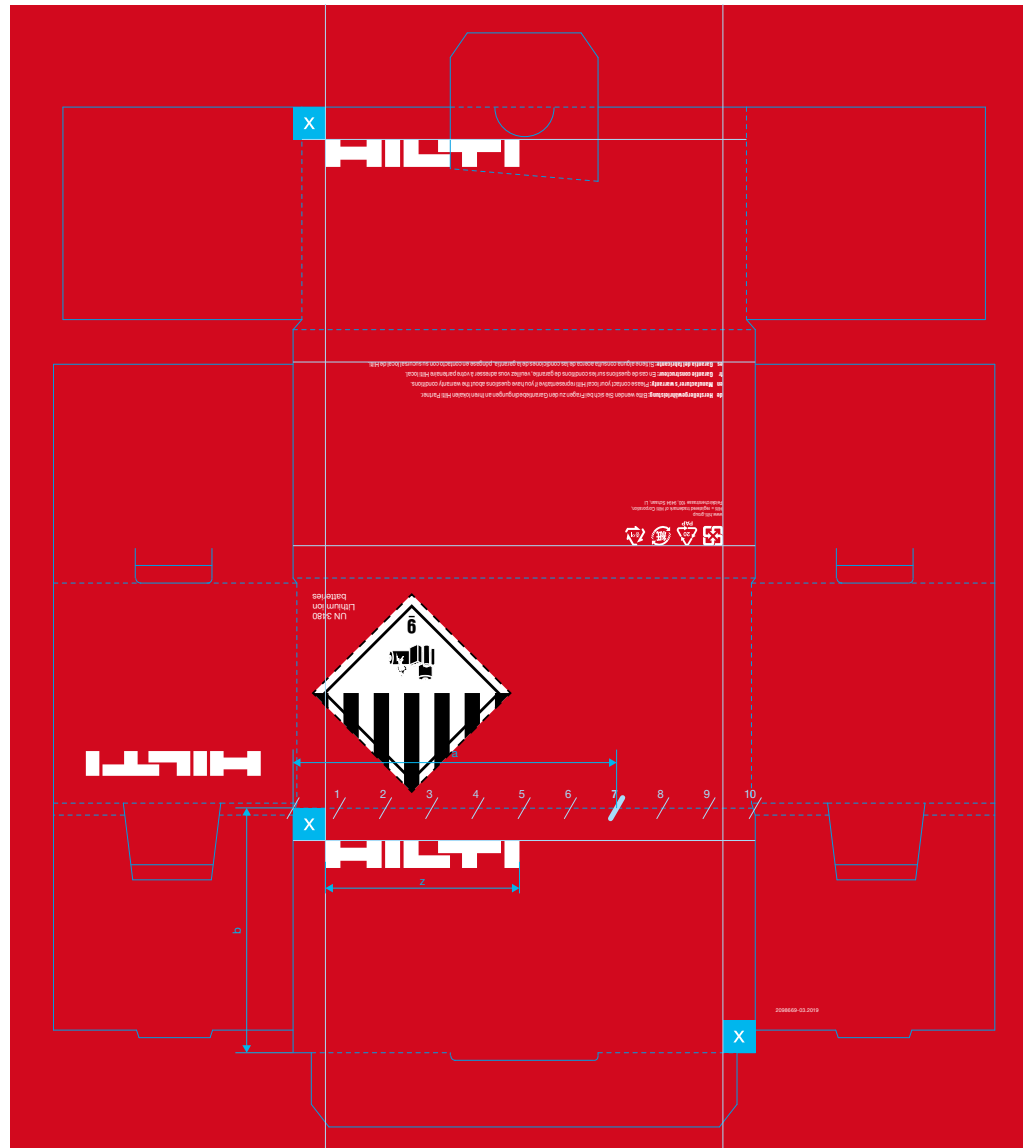
2.3.4 / BATTERY

Definition and Examples



2.3.4 BATTERY

Cardboard box (larger than 100Wh)



Dangerous goods declaration

All information on the dangerous goods declaration (pictogram, size, etc.) is provided by the Global Dangerous Goods Safety Advisor.

Basic construction design

$x = 1/10$ of a

Logo (z) = $6 \times x$

Important: The logo on the right is omitted due to the labeling

Fonts and sizes

See Basics ▶ Typography (p. 11)

Recycling marking

See Basics ▶ Pictograms ▶ Recycling (p. 16)

Product safety notice

See Basics ▶ Legal requirements ▶

Product safety information (p. 22)

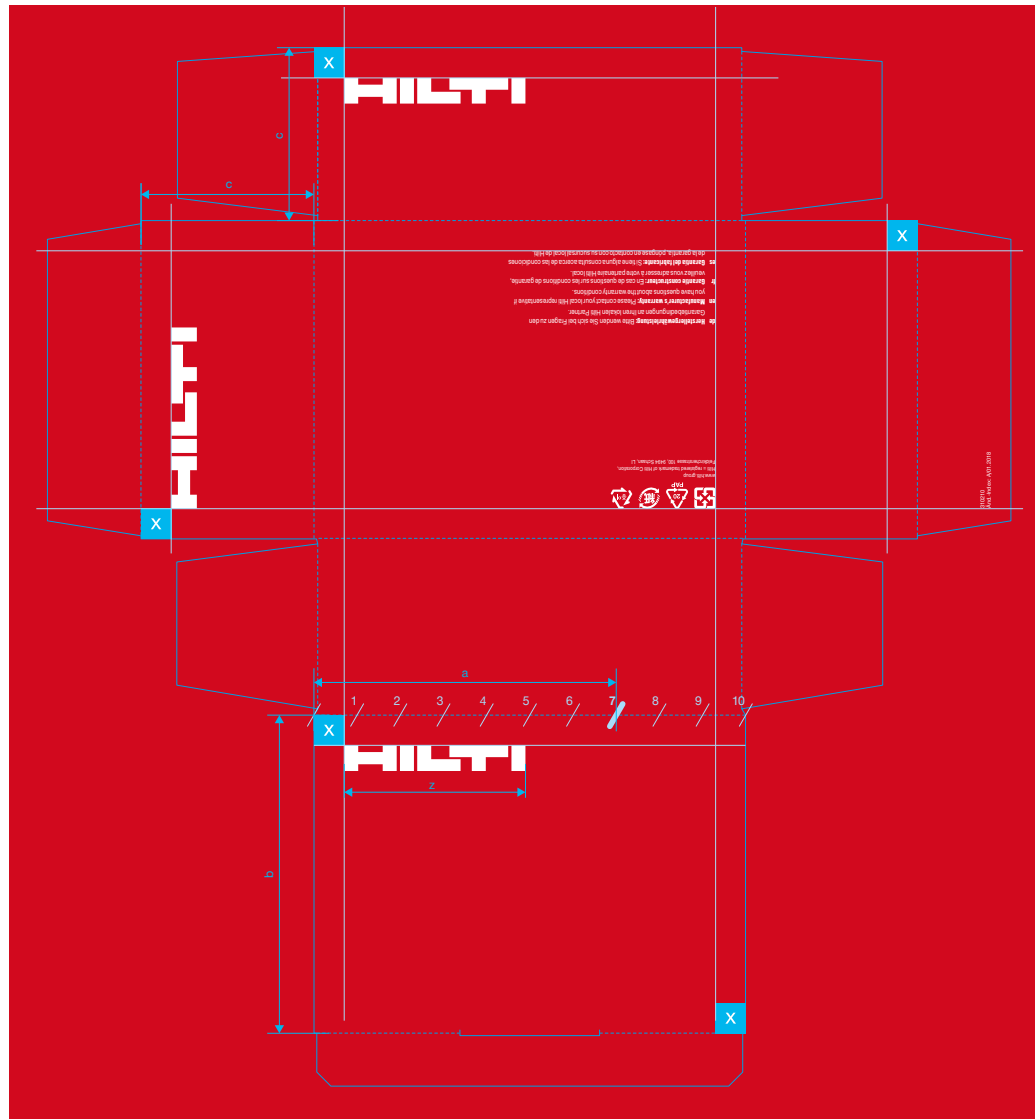
Important

The outer cover paper of the cardboard box must be white for printing.



2.3.4 BATTERY

Cardboard box (less than 100Wh)



Basic construction design

$x = 1/10$ of a

Logo (z) = $6 \times x$

Important: The logo on the right is omitted due to the labeling

Fonts and sizes

See Basics ▶ Typography (p. 11)

Recycling marking

See Basics ▶ Pictograms ▶ Recycling (p. 16)

Product safety notice

See Basics ▶ Legal requirements ▶

Product safety information (p. 22)

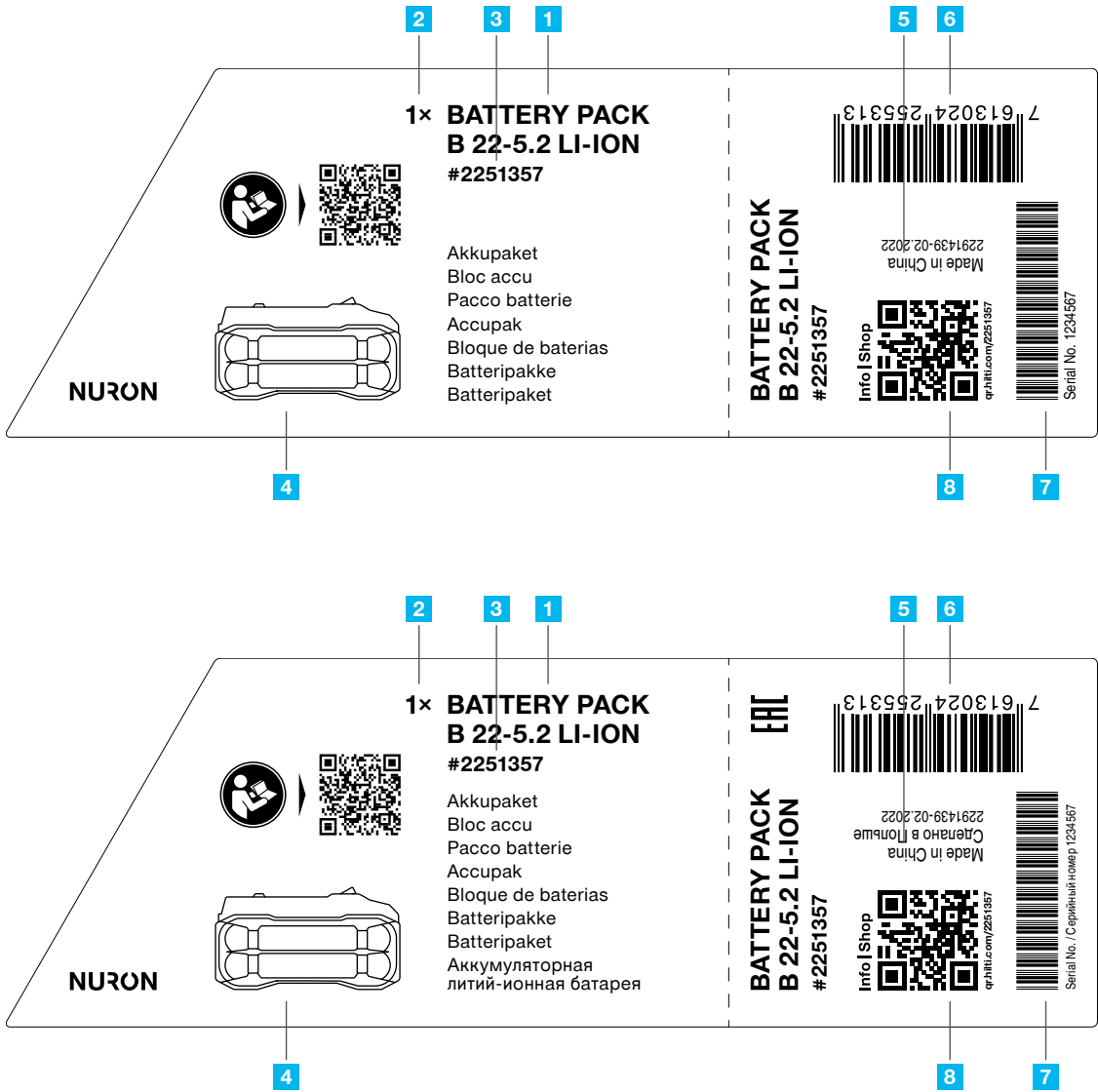
Important

The outer cover paper of the cardboard box must be white for printing.



2.3.4 / BATTERY Sales labels

The images shown are used for explanation purposes only.



148 × 50 mm

White labels are the basis for the individual black-letter printing of diverse items of product-relevant information. These labels are used on sales packaging placed across the corner. The longer part of the label is spaced from 10 mm to the lower edge on the face side attached to the packaging, the shorter one on the right side of the packaging.

Caption

- 1** Product name
- 2** Quantity
- 3** Item/market number
- 4** Line drawing of product
- 5** Country of origin
- 6** GTIN-13 barcode
- 7** Code 39 barcode / serial number
- 8** QR code

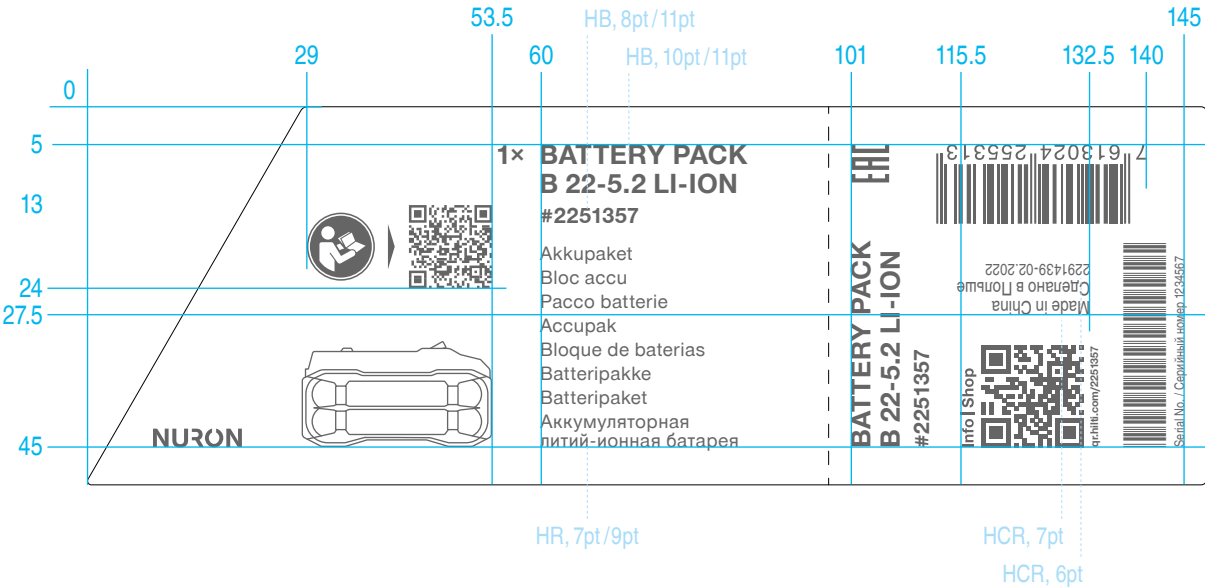


2.3.4

BATTERY

Sales labels – Sizing

The images shown are used for explanation purposes only.



Font, font size / line spacing
HCR = Hilti Condensed Roman
HB = Hilti Bold
HR = Hilti Roman
All sizes are in millimeters

2.3.4 / BATTERY

Bulk packaging

Code 39 / serial number specification

See Fundamentals ▶ Barcodes ▶

Code 39 / serial number (p. 20)



2.3.4 / BATTERY

Bulk packaging – Sales labels

The images shown are used for explanation purposes only.

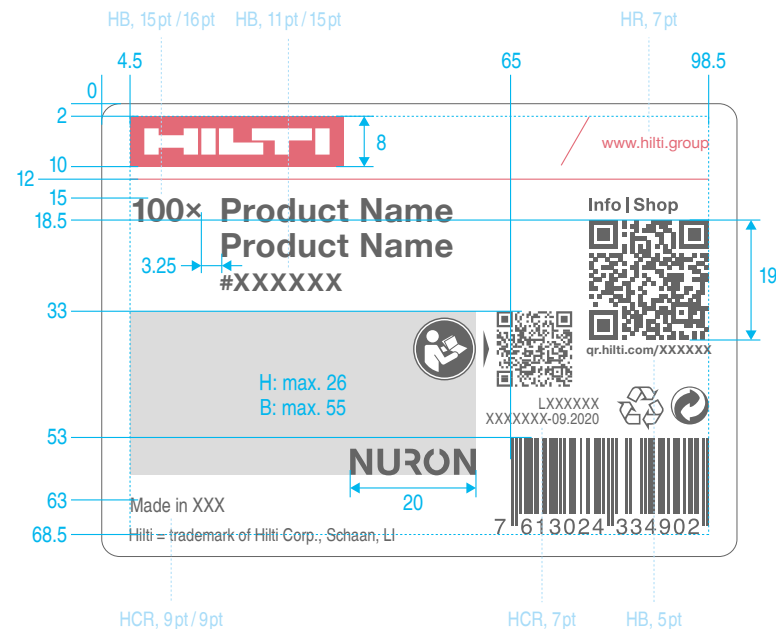
Preprinted label



With printed content



Sizing



Sales Label 101 × 72 mm (11795)

The pre-printed labels form the basis for individual black printing of various product-relevant information.

Caption

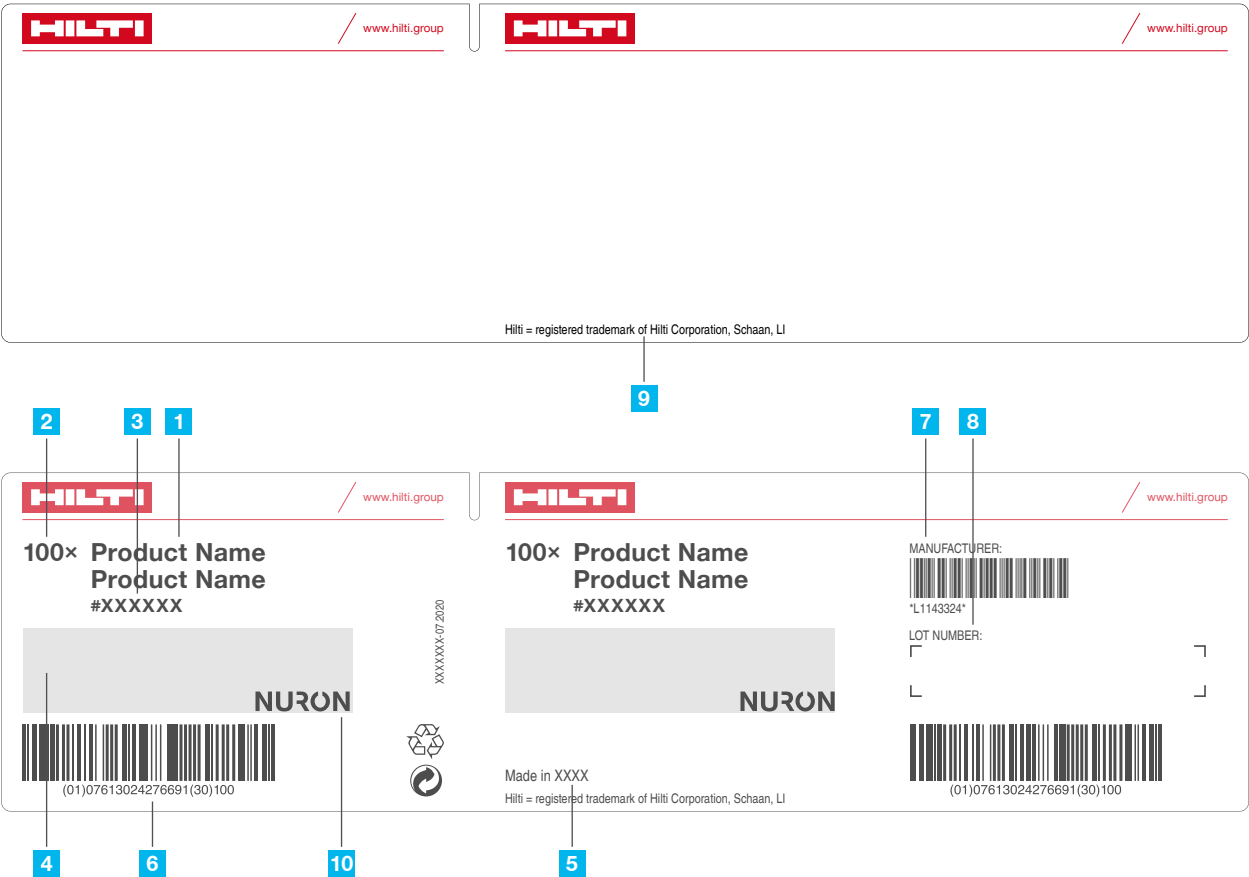
- 1 Product name
- 2 Quantity
- 3 Item/market number
- 4 Line drawing of product
- 5 Country of origin
- 6 GTIN-13 barcode
- 7 QR Code
- 8 Product line (Nuron)

Font, font size / line spacing
HCR = Hilti Condensed Roman
HB = Hilti Bold
HR = Hilti Roman
All sizes are in millimeters

2.3.4 / BATTERY Export labels

The images shown are used for explanation purposes only.

Preprinted label



Cardboard box: Fefco 0201
Concept: Please consult CP Packaging.

Export label 265x72 mm (230699)
The label is affixed as shown over one corner in the bottom third of the height of the box. Important: For matters concerning labeling and printing for hazardous materials, consult GLD for hazardous materials transport.

Technical design
Design the packaging in accordance with the transport regulations. CP Packaging is responsible for issuing approval.

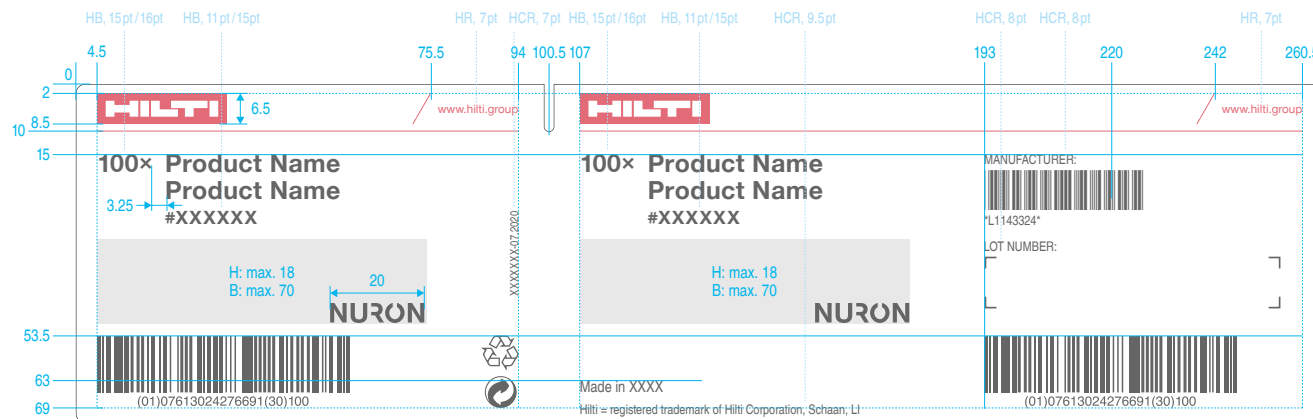
- Caption**
- 1 Product name
 - 2 Quantity
 - 3 Item/market number
 - 4 Line drawing of product
 - 5 Country of origin
 - 6 GTIN-128 barcode
 - 7 Code 39 barcode / serial number
 - 8 Field for printing lot number
 - 9 Trademark (Preprint optional)
 - 10 Product line (Nuron)



2.3.4 BATTERY

Export labels – Sizing

The images shown are used for explanation purposes only.

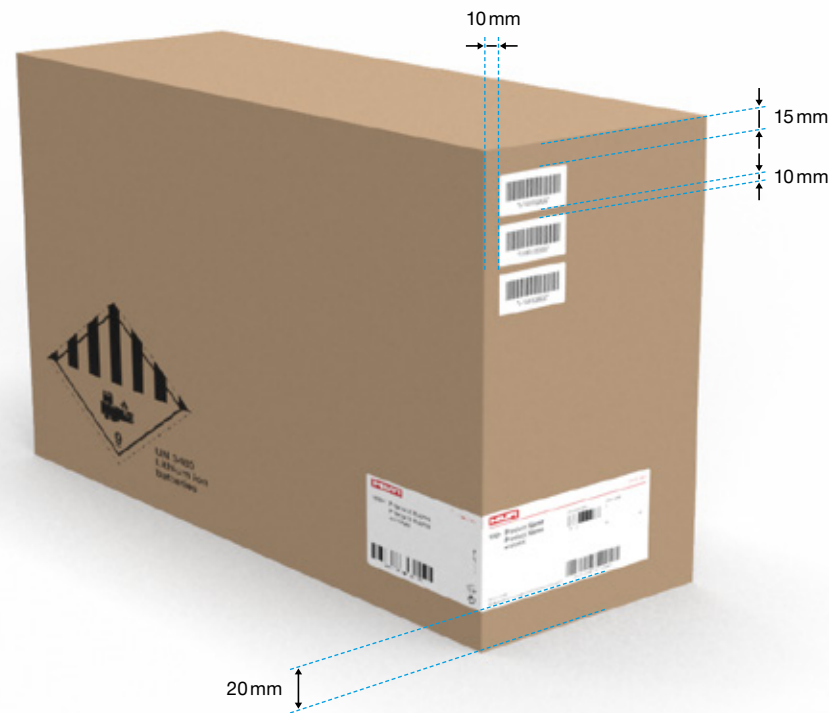
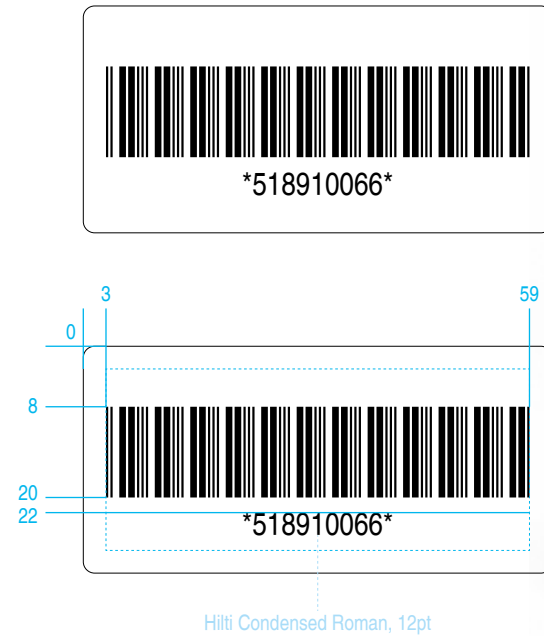


Font, font size / line spacing
HCR = Hilti Condensed Roman
HB = Hilti Bold
HR = Hilti Roman
All sizes are in millimeters

2.3.4 / BATTERY

Labels for serial numbers

The images shown are used for explanation purposes only.



Cardboard box

Fefco 0201

Dangerous goods declaration

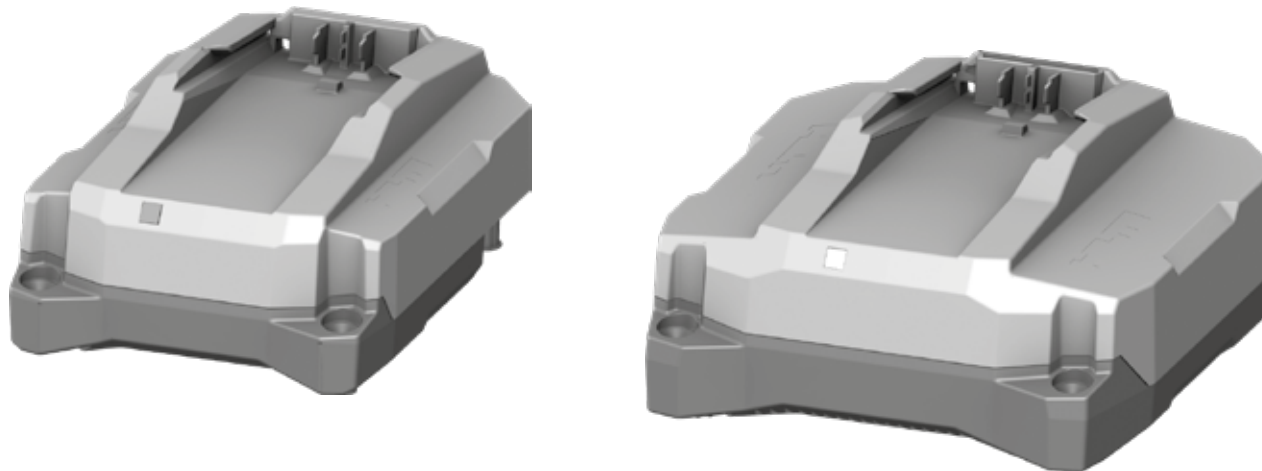
All information on the dangerous goods declaration (pictogram, size, etc.) is provided by Global Logistics (Transport Manager Dangerous Goods).

Code 39 / serial number specification

See Fundamentals ▶ Barcodes ▶ Code 39 / serial number (p. 20)

2.3.5 / CHARGER

Definition and Examples



2.3.5 / CHARGER

Cardboard box



Basic construction design

$x = 1/10$ of a

$y = 1/2$ of x

$v = 3/4$ of x

Logo (z) = $6 \times x$

Important: The logo on the right is omitted due to the labeling

Fonts and sizes

See Basics ▶ Typography (p. 11)

Recycling marking

See Basics ▶ Pictograms ▶ Recycling (p. 16)

Product safety notice

See Basics ▶ Legal requirements ▶

Product safety information (p. 22)

Important

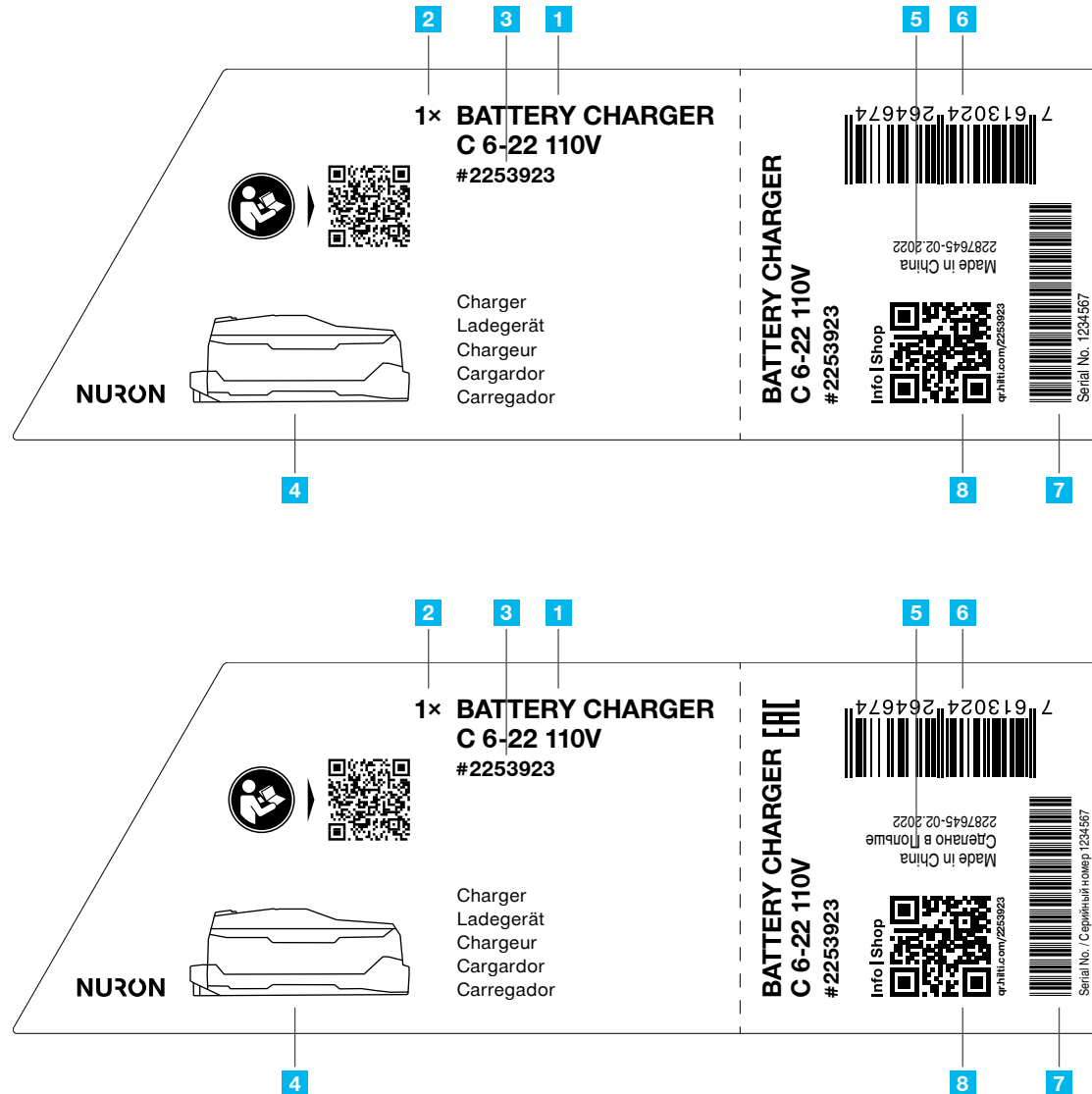
The outer cover paper of the cardboard box must be white for printing.



2.3.5 / CHARGER

Sales label

The images shown are used for explanation purposes only.



148 × 50 mm

White labels are the basis for the individual black-letter printing of diverse items of product-relevant information.

These labels are used on sales packaging placed across the corner. The longer part of the label is spaced from 10 mm to the lower edge on the face side attached to the packaging, the shorter one on the right side of the packaging.

Caption

- 1 Product name
- 2 Quantity
- 3 Item/market number
- 4 Line drawing of product
- 5 Country of origin
- 6 GTIN-13 barcode
- 7 Code 39 barcode / serial number
- 8 QR code

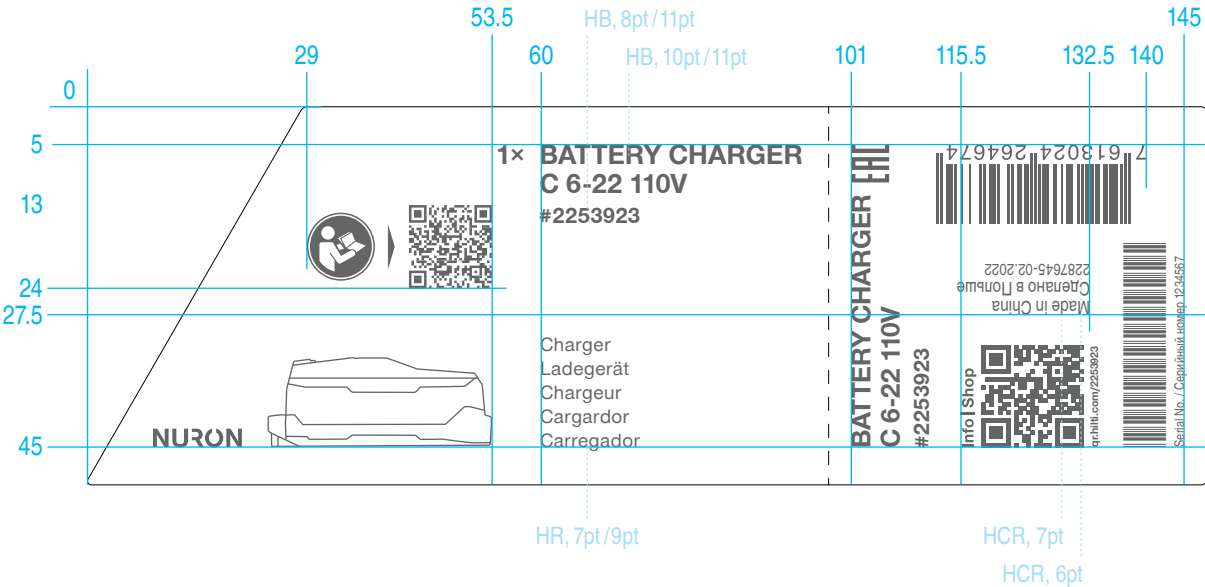


2.3.5

CHARGER

Sales label – Sizing

The images shown are used for explanation purposes only.



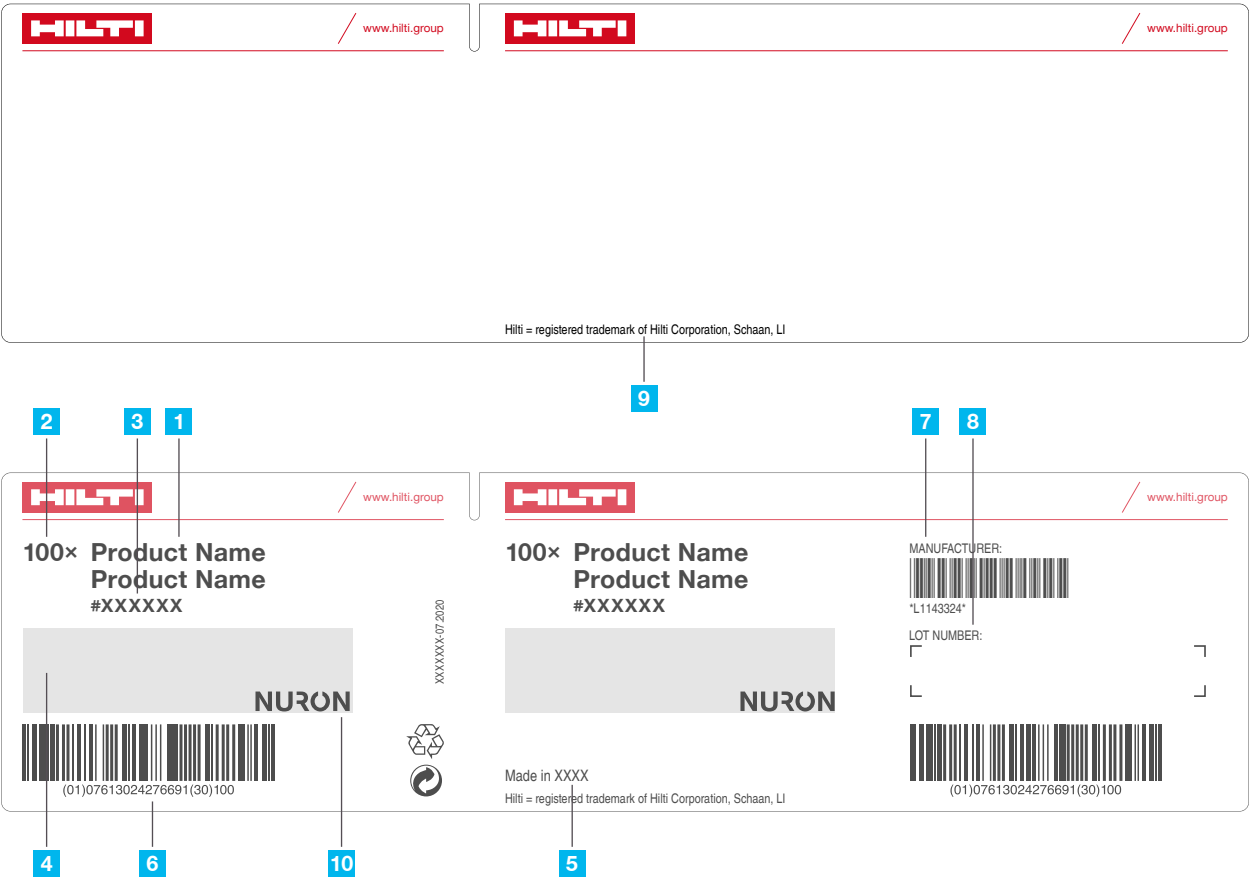
Font, font size / line spacing
HCR = Hilti Condensed Roman
HB = Hilti Bold
HR = Hilti Roman
All sizes are in millimeters

2.3.5 / CHARGER

Export labels

The images shown are used for explanation purposes only.

Preprinted label



Cardboard box: Fefco 0201
Concept: Please consult CP Packaging.

Export label 265x72 mm (230699)
The label is affixed as shown over one corner in the bottom third of the height of the box. Important: For matters concerning labeling and printing for hazardous materials, consult GLD for hazardous materials transport.

Technical design
Design the packaging in accordance with the transport regulations. CP Packaging is responsible for issuing approval.

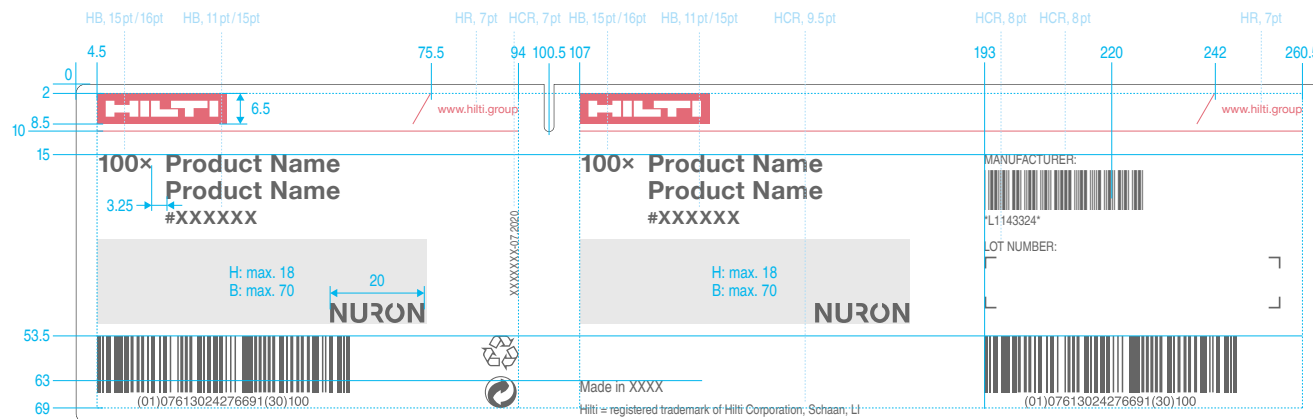
- Caption**
- 1 Product name
 - 2 Quantity
 - 3 Item/market number
 - 4 Line drawing of product
 - 5 Country of origin
 - 6 GTIN-128 barcode
 - 7 Code 39 barcode / serial number
 - 8 Field for printing lot number
 - 9 Trademark (Preprint optional)
 - 10 Product line (Nuron)



2.3.5 / CHARGER

Export labels – Sizing

The images shown are used for explanation purposes only.

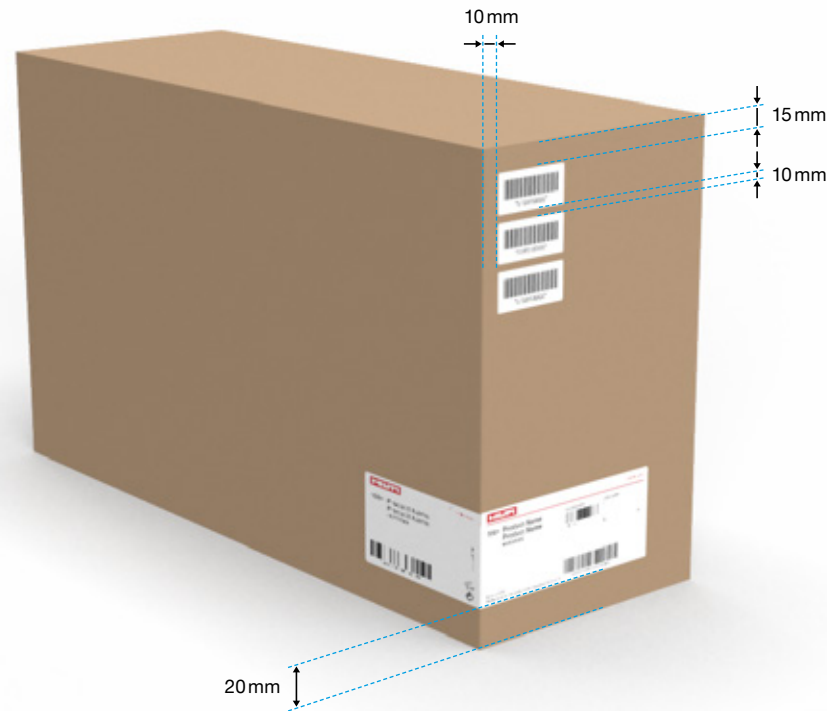
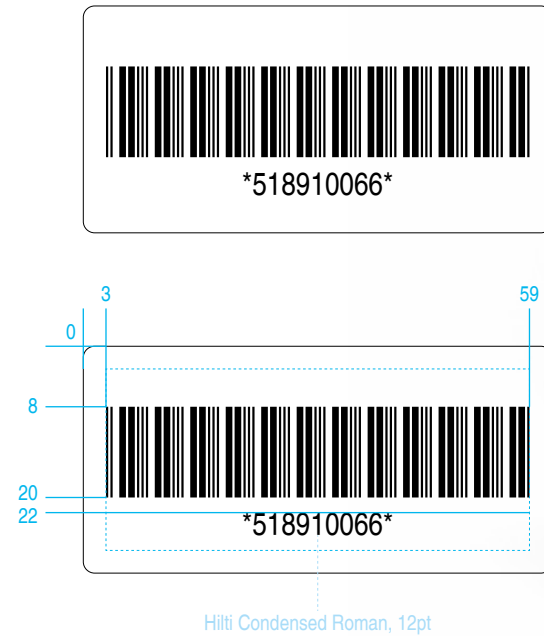


Font, font size / line spacing
HCR = Hilti Condensed Roman
HB = Hilti Bold
HR = Hilti Roman
All sizes are in millimeters

2.3.5 / CHARGER

Labels for serial numbers

The images shown are used for explanation purposes only.



Cardboard box

Fefco 0201

Code 39 / serial number specification

See Fundamentals ▶ Barcodes ▶

Code 39 / serial number (p. 20)

2.3.6 / DATA SUPPLY

Information leaflet

Information required for HDV

The product manager has to supply the following information and define the following restrictions in advance.

- **Complete MDM data**
- **Design definition**
- **Product description**
 - Which languages are needed?
 - Translations are supplied by the product manager (based on the intended distribution markets)
- **Mark selected work-material background**
 - See the section headed „Work-material backgrounds“
- **Sizes on the box**
 - cm/mm/inch
- **Pictograms**
 - Product-specific
 - Approval-specific
 - Recycling-specific (based on the intended distribution markets)
- **Safety aspects**
 - Storage instructions / hazmat symbols (GLD – hazardous materials transport)
- **Product image/visualization**
 - STEP file (.stp) of the product (Rendering is done by HDV)
- **Definition of artwork takes place between PM and HDV**

Important:

No implementation until all necessary information has been provided.