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1. Information on handling

- ✦ This packaging identification specification outlines the "**standards**" for **packaging and identification** of WOLF purchased parts.
- ✦ These regulations are only binding for suppliers if express reference is made to this specification (drawing no. 13-02-000-003) in an order and/or in the relevant purchased part documentation.
- ✦ The reference on the order and/or in the purchased part documentation (MQS/specification or drawing) may relate to all or just to individual sub-sections of this specification.
- ✦ **Please note:** if the order and/or relevant purchased part documentation (MQS/specification or drawing) gives **details that deviate** from this specification, these should be given **priority**.

					Date	Designation	Description Barcode, identification and packaging for purchased parts	
				Signed	17/10/00	K		
				Checked				
				Std.			Mat. no.	
					Application	TC 3254	-	
							Drawing number	
11	TS04904/13	14/08/14	ra	las			13-02-000-003	Sheet
10	TS04406/12	08/10/12	ra	las				1 of
Ind.	Application	Date	Sgd	Chk	Origin		19 sh.	

Example:

Every part packed in an individual box; boxes on a Euro pallet bundled into one shipping unit. The maximum height of each shipping unit is 950 mm. Further details on the packaging and identification of individual parts and shipping units in accordance with **drawing no. 13-02-000-003**.

Info: The following **maximum heights** must be stated for shipping units on Euro pallets.
950 mm applies to products destined for the despatch warehouse (shelving height).
1600 mm applies to products used directly on an assembly line (heights deviating from this at the request of the supplier are only permissible with the prior consent of WOLF).

Note: When identifying individual parts and spare parts, the designation **must always** be in the **5 languages "German, English, French, Spanish and Russian"**. **Different or additional** foreign languages will be specified explicitly in the order or the relevant purchased part documentation (MQS and/or drawing).

2. Machine readable identification

2.1. "General" data structure for barcode and matrix code

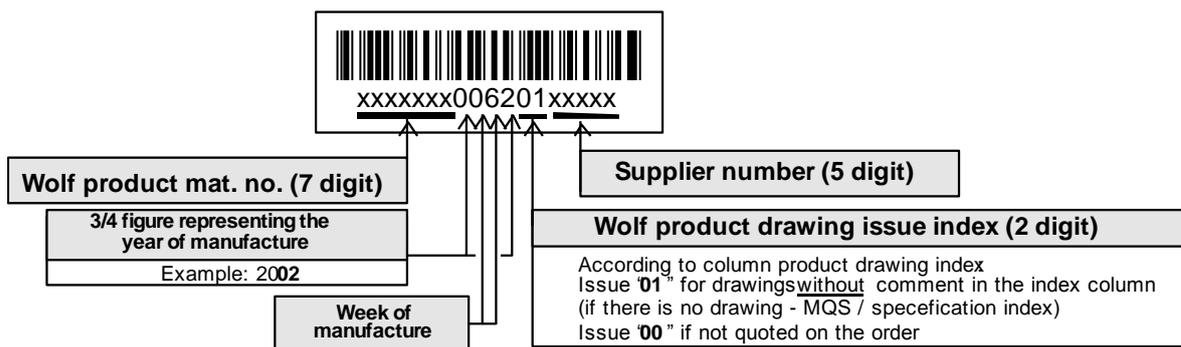
Both barcodes and matrix codes are used for machine readable identification. Both versions use the same data structures (type 1 - 4).

Applications: **Merchandise number:** Type 1 to type 3
Serial number: Type 4

Note: The SAP **supplier number** required for creation is printed on the order or can be obtained from the relevant Wolf purchasing department.

2.1.1. Data structure type 1 (standard - 18-digit)

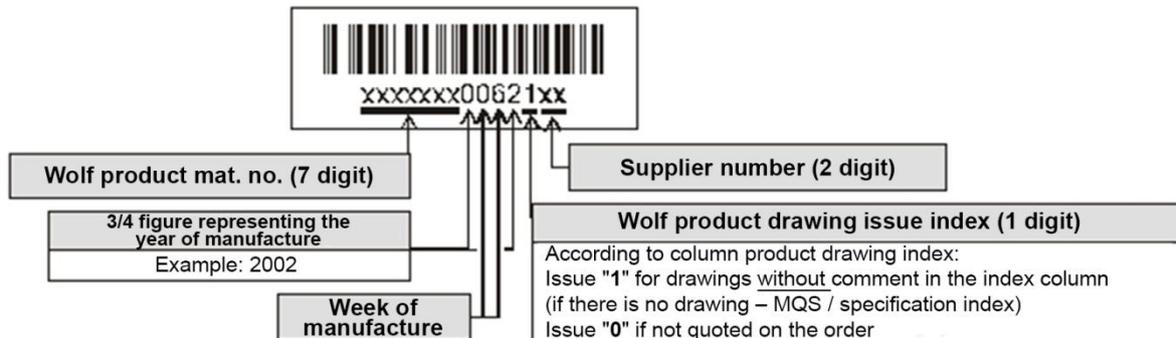
Use this type if the mat. no. is 7 digits long and no other type is specified by the MQS/specification or by the Wolf purchasing department.



					Date	Designation	Barcode, identification and packaging for purchased parts	
				Signed	17/10/00	K		
				Checked				
				Std.			Mat. no.	
					Application	TC 3254	-	
							Drawing number	Sheet
11	TS04904/13	14/08/14	ra	las			13-02-000-003	2 of
10	TS04406/12	08/10/12	ra	las				19 sh.
Ind.	Application	Date	Sgd	Chk	Origin			

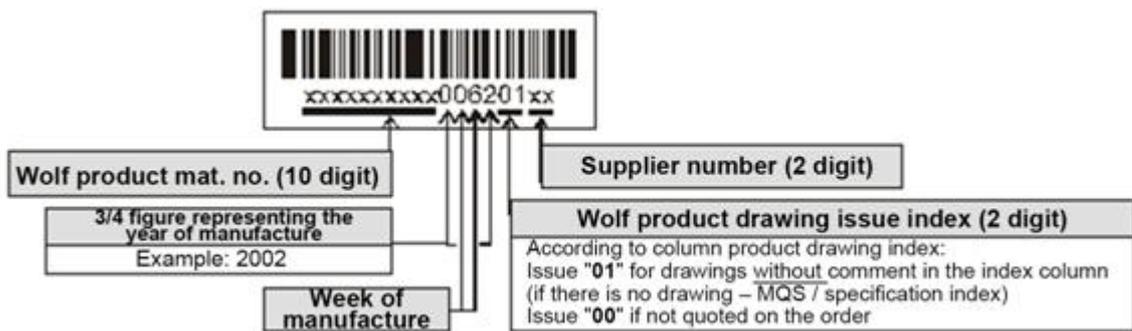
2.1.2. Data structure type 2 (abbreviated version - 14-digit)

Use this type **only in exceptional cases**. It **must** be specified in an order and/or in the relevant purchased part documentation or approved by the relevant Wolf purchasing department (reason for use: to save space).



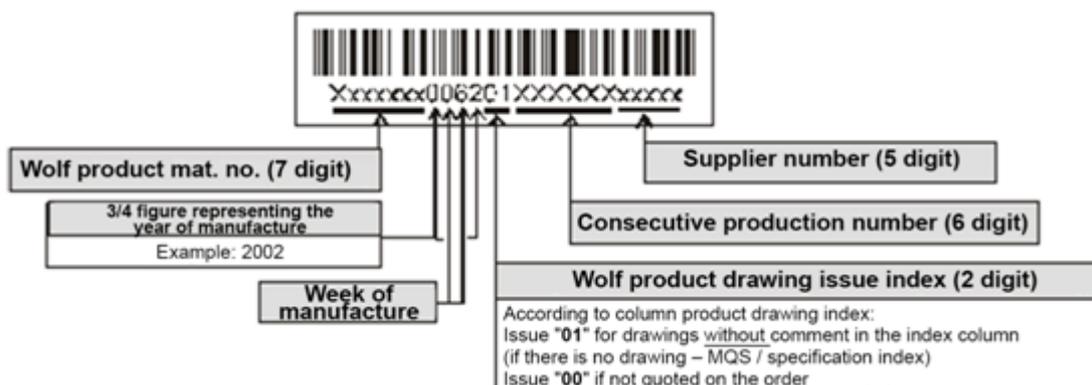
2.1.3. Data structure type 3 (only for 10-digit material numbers - 18-digit)

Use this type **exclusively** for products with a **10-digit** mat. no.



2.1.4. Data structure type 4 (NWEF products - 24-digit)

Use this type for **NWEF** products (**N**icht **W**olf **E**ntwickelte **P**rodukte) [products not developed by Wolf], where a consecutive manufacturing no. is specified by the app. std. for heating equipment.



					Date	Designation	Barcode, identification and packaging for purchased parts	
				Signed	17/10/00	K		
				Checked				
				Std.			Mat. no.	
					Application	TC 3254	-	
							Drawing number	Sheet
11	TS04904/13	14/08/14	ra	las	WOLF		13-02-000-003	3 of
10	TS04406/12	08/10/12	ra	las				19 sh.
Ind.	Application	Date	Sgd	Chk	Origin			

2.2. Barcode type Code 128

Barcode type: Code 128 to ISO/IEC 15417: 2007 (symbology)
ISO/IEC 15416 (print quality)

Symbol set: C (highly compact, i.e. optimised for figures); => **preferred version**
A or B; => **alternative versions**; their application is **only** approved where there are suitable areas of application (sufficient space for larger barcode dimensions).

Module width X: At least 0.191 mm (= width of the narrowest bar or gap)

Height H: At least 5.0 mm or 15 % of the total barcode width (with quiet zones), if that value is greater

Quiet zone R: At least 3.0 mm or 10-times module width, if that value is greater (= lateral light zone upstream and downstream of the barcode)

Plain text: Clearly legible below the barcode (contents: see diagram data structure type 1 - 4)

Example:



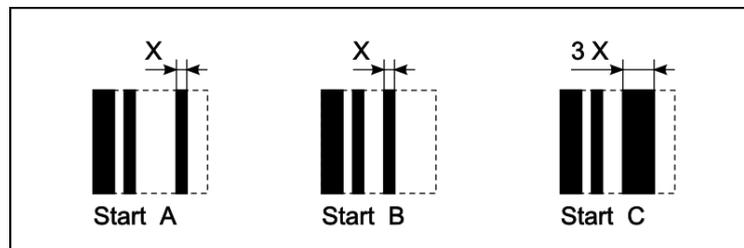
Dimensions: Based on the specifications above, the following minimum dimensions result for barcodes with the data structure types 1 - 4:

Data structure type	Symbol set	Width B	Height H	Quiet zone R
14-digit type 2	C	≥ 21.4 mm	≥ 5.0 mm	≥ 3.0 mm
	A or B	≥ 36.1 mm	≥ 6.3 mm	
18-digit type 1+3	C	≥ 25.6 mm	≥ 5.0 mm	
	A or B	≥ 44.5 mm	≥ 7.6 mm	
24-digit type 4	C	≥ 31.9 mm	≥ 5.7 mm	
	A or B	≥ 57.1 mm	≥ 9.5 mm	

Symbol set recognition: For Code 128, the symbol set used can be recognised by the **width** of the **third** bar in the direction in which the barcode is read.

Symbol set **A or B:** 1-times module width **X** (**narrow** bar)

Symbol set **C:** 3-times module width **X** (**wide** bar)



					Date	Designation	Description	
					Signed	17/10/00	Barcode, identification and packaging for purchased parts	
					Checked	K		
					Std.			
					Application	TC 3254	Mat. no. -	
							Drawing number	
11	TS04904/13	14/08/14	ra	las			13-02-000-003	Sheet 4 of 19 sh.
10	TS04406/12	08/10/12	ra	las				
Ind.	Application	Date	Sgd	Chk	Origin			

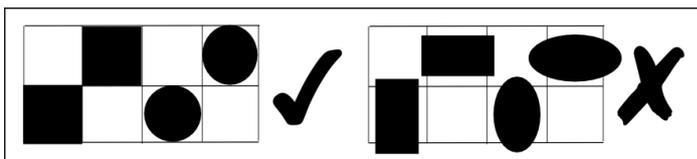
Contrast: For maximum contrast between bar and gap, the following colours should be used (optimised for readers with red light technology):
Bars (print colour): **Black**
Gaps (background colour): **White**
Preference: **White**
Permissible: **Beige, light grey**
Not permissible: **Green, blue, and transparent or translucent materials**

2.3. Matrix code type Data Matrix

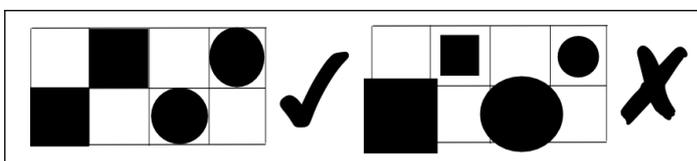
Application: This code type is **only used** in **exceptional cases**, e.g. due to space restrictions where identification is intended.

Matrix code type: **Data Matrix (ECC 200)** as per ISO/IEC 16022: 2000 (symbology)
 Technical report ISO/IEC TR 24720:2008 (direct part marking)
 ISO/IEC 15415 (print quality)

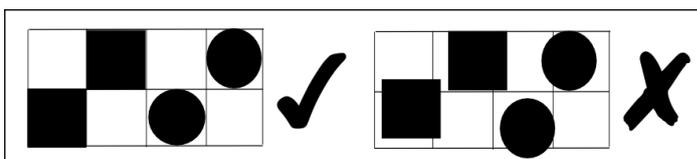
Cell Z: Cell shape: Preference: Square
 Permissible: Circle (in a dot matrix version)
 Not permissible: Rectangle, oval



Fill level: 100 % (particularly with dot matrix version)



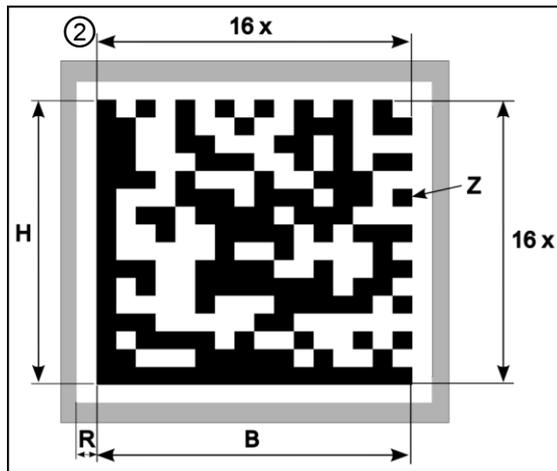
Position: Centrally on grid



Quiet zone R: Width **at least** as large as a cell
 (= light zone surrounding the matrix code)

					Date	Designation	Description		
				Signed	17/10/00	K	Barcode, identification and packaging for purchased parts		
				Checked					
				Std.					
					Application	TC 3254	Mat. no. -		
					WOLF		Drawing number		
11	TS04904/13	14/08/14	ra	las			13-02-000-003		Sheet
10	TS04406/12	08/10/12	ra	las					5 of
Ind.	Application	Date	Sgd	Chk	Origin		19 sh.		

Example:



①	
②	
③	
④	

Dimensions:

Data structure type	Fig.	Symbol size	Height H	Width B	Quiet zone R
14-digit type 2	①	14 x 14	≥ 5.6 mm	≥ 5.6 mm	≥ 0.4 mm
	②	16 x 16	≥ 6.4 mm	≥ 6.4 mm	
18-digit type 1+3	③	12 x 26	≥ 4.8 mm	≥ 10.4 mm	
	④	8 x 32	≥ 3.2 mm	≥ 12.8 mm	
24-digit type 4	②	16 x 16	≥ 6.4 mm	≥ 6.4 mm	
	③	12 x 26	≥ 4.8 mm	≥ 10.4 mm	

Preferably use square symbol sizes.

Rectangular symbol sizes for optimum adjustment to spatial conditions.

Contrast:

For maximum contrast between bar and gap, the following colours should be used (optimised for readers with red light technology):

Dark elements

(print colour): **Black**

Gaps (background colour):

Preference: **White**

Permissible: **Beige, light grey**

Not permissible: **Green, blue, and transparent or translucent materials**

2.4. Barcode type EAN13 (13-digit)

INFO: New designation GTIN-13 to ISO/IEC 15420: 2009

Use this barcode **additionally** in the case of products that are delivered in their point of sale packaging. Height and bar gap as for Code 128.

The supplier must take the **EAN number** from the Wolf order text printed on the order, or check with the Wolf purchasing department.

Sample printout for no. 4045013104563



					Date	Designation	Description				
				Signed	17/10/00	K	Barcode, identification and packaging for purchased parts				
				Checked							
				Std.			Mat. no.	-			
					Application	TC 3254					
								Drawing number	Sheet		
11	TS04904/13	14/08/14	ra	las				13-02-000-003			6 of
10	TS04406/12	08/10/12	ra	las							19 sh.
Ind.	Application	Date	Sgd	Chk	Origin						

3. Individual part in a box or bag

3.1. Identification

Layout: As per diagram,

label size matched to the size of the product or packaging

Font: RotisSansSerif (alternatively Arial), font sizes similar to the template and matched to the selected label size, **clearly legible**

Designation in the 5 standard languages

Note: Alternative or additional foreign languages will be specified explicitly on the order or in the relevant purchased part documentation (MQS or drawing).

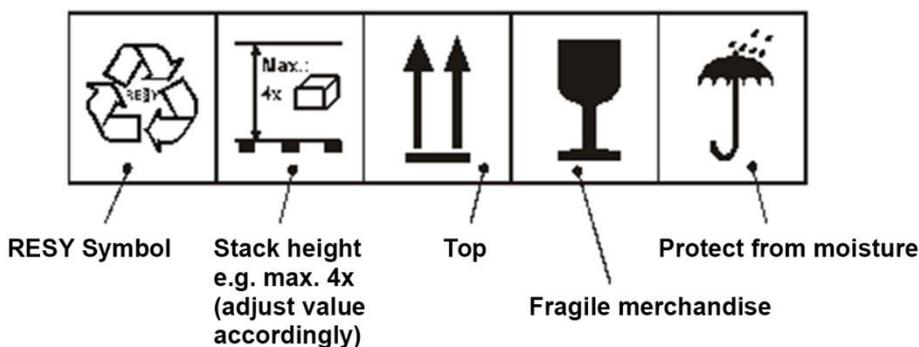
Text alignment: left-aligned

Mat. no. - product

Text alignment: right-aligned



Example of possible symbols for identifying packaging:
(match symbol size to packaging or label size)

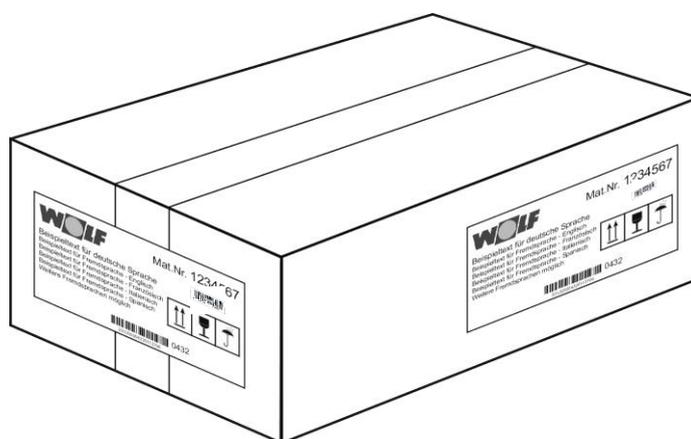


					Date	Designation	Description	Barcode, identification and packaging for purchased parts	
				Signed	17/10/00	K			
				Checked					
				Std.			Mat. no.	-	
					Application	TC 3254			
								Drawing number	Sheet
11	TS04904/13	14/08/14	ra	las				13-02-000-003	7 of
10	TS04406/12	08/10/12	ra	las				19 sh.	
Ind.	Application	Date	Sgd	Chk	Origin				

3.2. Packaging

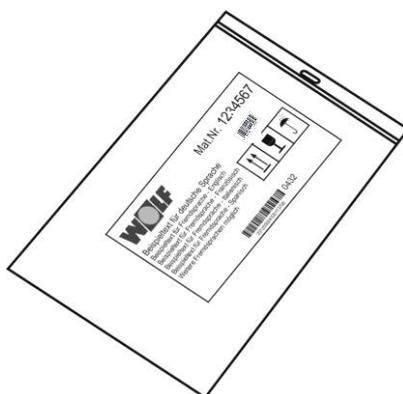
3.2.1. In a box

1. The individual part or set must be protected against damage in a box of adequate cardboard thickness (quality).
It should be noted that the packaging must be able to withstand transportation to the Wolf end customer as groupage by domestic and export hauliers or parcel services.
2. If the box contents (e.g. insulation, etc.) could be damaged by tools used to cut open the box (e.g. knife blade), insert additional protective inserts (e.g. cardboard inserts) at the top **and** bottom to protect against cuts.
3. Boxes must be marked at least in **2 places** (1x on the front and 1x on the side, see diagram) with labels in accordance with the template "**Identification of individual parts or a set**".



3.2.2. In a bag

The individual part or set must be packed in a bag to protect it against damage, and must be marked with **one** label in accordance with the template "**Identification of individual parts or a set**".



					Date	Designation	Description				
				Signed	17/10/00	K	Barcode, identification and packaging for purchased parts				
				Checked							
				Std.			Mat. no.	-			
					Application	TC 3254					
					WOLF			Drawing number	Sheet		
11	TS04904/13	14/08/14	ra	las				13-02-000-003		8	of
10	TS04406/12	08/10/12	ra	las						19	sh.
Ind.	Application	Date	Sgd	Chk	Origin						

4. Spare part or spare part set in a box or bag

4.1. Identification

Layout: According to the following examples,

label size matched wherever possible to the size of the product or packaging

Font: RotisSansSerif (alternatively Arial), font sizes similar to the examples and matched to the selected label size, **clearly legible**

Example: **Version** for spare part packed in a **box**.



Mat. no. - product

Text alignment: right-aligned

Barcode type EAN13

Designation in the 5 standard languages

Note: Different foreign languages will be specified explicitly on the order or in the relevant purchased part documentation (MQS/specification or drawing).

Text alignment: left-aligned

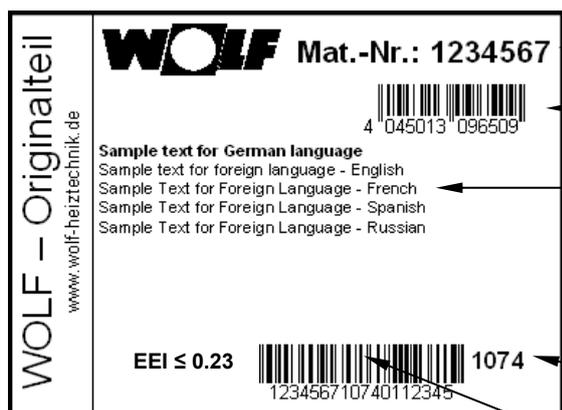
Energy Efficiency Index (EEI)

Only if specified in the relevant purchased part documentation (MQS/specification or drawing).

Barcode type code 128

Date of manufacture encoded, example of date of manufacture CW 07 in the year 2014

Example: **Version** for spare part packed in a **bag**.



Mat. no. - product

Text alignment: right-aligned

Barcode type EAN13

Designation in the 5 standard languages

Note: Different foreign languages will be specified explicitly on the order or in the relevant purchased part documentation (MQS/specification or drawing).

Text alignment: left-aligned

Date of manufacture encoded, example of date of manufacture CW 07 in the year 2014

Barcode type code 128

					Date	Designation	Description	Barcode, identification and packaging for purchased parts	
					Signed	17/10/00			K
					Checked				
					Std.		Mat. no.	-	
					Application	TC 3254			
11	TS04904/13	14/08/14	ra	las		Drawing number	13-02-000-003	Sheet	
10	TS04406/12	08/10/12	ra	las				9 of	
Ind.	Application	Date	Sgd	Chk		Origin		19 sh.	

4.2. Packaging

4.2.1. In a box

1. The spare part or spare part set must be protected against damage in a box of adequate carton thickness (quality).
It should be noted that the packaging must be able to withstand transportation to the Wolf end customer as groupage by domestic and export hauliers or parcel services.
2. If the box contents (e.g. insulation, etc.) could be damaged by tools used to cut open the box (e.g. knife blade), insert additional protective inserts (e.g. cardboard inserts) at the top **and** bottom to protect against cuts.
3. The box must be identified with a label in accordance with the specification "**Identification of spare parts or spare part sets**".
4. The label **must seal** the box opening (see diagram).



4.2.2. In a bag

1. The spare part or spare part set must be packed in a bag to protect against damage and identified with a label in accordance with the specification "**Identification of spare parts or spare part sets**".
2. The label must **seal** the bag opening in the case of **re-sealable** bags (see diagram), but this specification does not apply to bags with heat-sealed ends.

Re-sealable bag:



Bag with heat-sealed ends:



					Date	Designation	Description			
				Signed	17/10/00	K	Barcode, identification and packaging for purchased parts			
				Checked						
				Std.			Mat. no.	-		
					Application	TC 3254				
					WOLF			Drawing number	Sheet	
11	TS04904/13	14/08/14	ra	las				13-02-000-003		10 of
10	TS04406/12	08/10/12	ra	las						19 sh.
Ind.	Application	Date	Sgd	Chk	Origin					

5. Identification of accessories, individual parts, spare parts and containers

General information

- a. For computer-aided creation of the "identification layouts", Wolf provides interested suppliers with a free program (identification software).

The program can be downloaded from the **Wolf homepage** (<http://www.wolf-heiztechnik.de>) ⇒ **Supplier portal** ⇒ **Downloads** - **login required** ⇒ **discover now** ⇒ **User login** (**Username and ***Password:) ⇒ **Login** ⇒ **Supplier download area** ⇒ **Identification software** Version.....

Note: Access details are as follows:

** **Username:** downloaduser

*** **Password:** swlf_d1

Once the program has been installed, detailed operating instructions for the **Wolf identification software** can be called up under the help menu.

- b. If the required identification is created **without** using the **Wolf identification software**, the layout and the relevant font sizes must correspond to the example. Deviations from the specifications in the examples are **only** permissible in exceptional cases and only **after** the relevant **WOLF purchasing department** has been consulted and given its **approval**.
- c. In the case of **container identification** for Wolf folding boxes, the specified layout **must always** be observed, otherwise important print details may be obscured by the label holder (insert frame) on the folding box (identification in **DIN A6 format**; external dimensions: height x width **105 x 148 mm**).

Information on using the software (overview)

- Identification version** ⇒ Can be selected as required. **1x** for **spare part/accessory**; **3x** for **container** - ...; 1x individual part - special (not described separately in this specification).
- Barcode types** ⇒ Data structure type 1 to 4 can be selected.
- Mat. no.** ⇒ Entry of 7 or 10-digit material number
- Document number** and **index** ⇒ If **no** drawing no. is specified on the order, the number and index of the MQS or specification should be entered alternatively in the "Document number" and "Index" fields.
If neither a drawing, an MQS nor a specification no. are specified on the order, the "Document number" field remains **blank**, and "**00**" should be entered as the value for "Index".
- Drawing no. + Index** ⇒ Entries as specified on the relevant order
MQS no. + Index ⇒ Entries as specified on the relevant order
CC no. + Index ⇒ Entries as specified on the relevant order
- SAP supplier number** ⇒ The **supplier number** corresponds to the manufacturer's ID or the SAP creditor no. and can be found on the relevant order or obtained from the relevant WOLF purchasing department.
- Two-digit supplier number** ⇒ The two-digit supplier number may only be used with the approval of the relevant WOLF purchasing department.

					Date	Designation	Description	Barcode, identification and packaging for purchased parts			
				Signed	17/10/00	K					
				Checked							
				Std.			Mat. no.				
					Application	TC 3254					
								Drawing number	Sheet		
11	TS04904/13	14/08/14	ra	las				13-02-000-003			11 of
10	TS04406/12	08/10/12	ra	las							19 sh.
Ind.	Application	Date	Sgd	Chk	Origin						

8. **Quantity** ⇒ Unit of quantity for a container/shipping unit or a Wolf folding box in the unit: piece (**Stk**) or metre (**m**) or square metre (**m²**) or litre (**l**) or kilogram (**kg**).
9. **Barcode type** ⇒ **Code 128** as per specification "Barcode type Code 128" ⇒ TYPE Code **128C** selected as default.
10. **EAN** ⇒ **Code EAN** version as per specification "Barcode type EAN13".
11. **Wolf storage location** ⇒ **Wolf storage location** is only required if specified on the order.
12. **Customer order number + Pos.** ⇒ The **customer order number** and the relevant **pos.** is only required if specified on the order.
13. **100 % inspection** ⇒ Safety components **must** also be **100 % inspected** without explicit notice and **marked**  on the relevant container identification.
In the case of any permissible spot check controls (no 100 % inspection is explicitly requested by WOLF), **there is no need** for 100 % identification.
14. **Week of manufacture** ⇒ The **week of manufacture** is the date of manufacture or production (CW/year in an encoded format) by the supplier.
The **date** on the container identification is the actual date of manufacture or production for the components not, mistakenly their despatch or delivery date.
15. **Date + Inspected by** ⇒ The **date** and name of the **person carrying out the inspection** can either be machine-generated or alternatively entered manually during the production process.
16. **Supplier field** ⇒ This field can be used as required by the supplier for "internal supplier information" (e.g. encoded numbers, important additional information, etc.).
Note: The field contents should not allow any direct conclusions to be drawn about the supplier or the production site, e.g. supplier name, company logos, country code, etc. This kind of information should only be given in an appropriately encoded version.
17. **Safety component** ⇒ This selection option should **only** be enabled for **safety components**.
The relevant purchased part documentation (MQS or specification) or purchased part drawing refers explicitly to the safety component, automatically necessitating a 100 % inspection (also see point **100 % inspection**).
18. **Order no. + Pos.** ⇒ The **order no.** and the relevant **Pos.** are only required if specified on the order.
19. **Wolf appliance type** ⇒ The **Wolf appliance type** is only required if specified on the order.
20. **Energy Efficiency Index (EEI)** ⇒ The selection option should be enabled **automatically** by the supplier for relevant **components**.

						Date	Designation	Description	Barcode, identification and packaging for purchased parts				
					Signed	17/10/00	K						
					Checked								
					Std.			Mat. no.					
					Application	TC 3254							
									Drawing number		Sheet		
11	TS04904/13	14/08/14	ra	las								13-02-000-003	12 of
10	TS04406/12	08/10/12	ra	las									19 sh.
Ind.	Application	Date	Sgd	Chk	Origin								

5.1. Identification of spare parts

Example

WOLF	Mat.-Nr.: 1234567
	 4 045013 208735
Sample text in German	
Foreign language sample text – English	
Foreign language sample text – French	
Foreign language sample text – Spanish	
Foreign language sample text – Russian	
<hr style="border: 1px solid black;"/> <h2 style="margin: 0;">WOLF – Originalteil</h2> <p style="margin: 0;">www.wolf-heiztechnik.de</p> <hr style="border: 1px solid black;"/>	
WOLF	Mat.-Nr.: 1234567
	 4 045013 208735
Sample text in German	
Foreign language sample text – English	
Foreign language sample text – French	
Foreign language sample text – Spanish	
Foreign language sample text – Russian	
EEl ≤ 0,23	 123456712440112345
	1244

						Date	Designation	Description	Barcode, identification and packaging for purchased parts	
						Signed	17/10/00	K		
						Checked				
						Std.		Mat. no.	-	
						Application	TC 3254			
						WOLF			Drawing number	Sheet
11	TS04904/13	14/08/14	ra	las		13-02-000-003			13 of	
10	TS04406/12	08/10/12	ra	las					19 sh.	
Ind.	Application	Date	Sgd	Chk	Origin					

Option

20.

1.

2.

3.

9.

4.

14.

9.

Menu: Option

7.

10.

5.

8.

13.

17.

6.

9.

11.

16.

					Date	Designation	Description	Barcode, identification and packaging for purchased parts
				Signed	17/10/00	K		
				Checked				
				Std.			Mat. no.	-
					Application	TC 3254		
11	TS04904/13	14/08/14	ra	las		Drawing number	13-02-000-003	Sheet
10	TS04406/12	08/10/12	ra	las		14 of		
Ind.	Application	Date	Sgd	Chk	Origin			19 sh.

5.2. Container identification

5.2.1. Stock item

Designation: Sample text in German **WOLF**

Document no.: 12-34-567-890 Issue: 01

Mat. no.: 1234567 

Quantity: 100 pce Supplier no.: 12345

Barcode



123456712440112345

EAN13



4 045013 208735

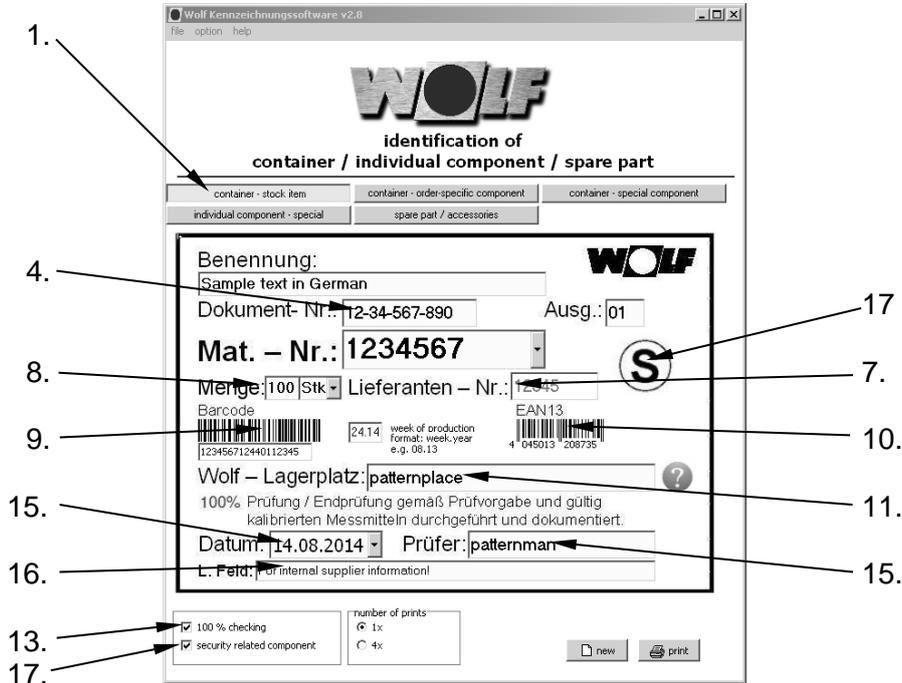
Wolf storage location: patternplace

100 % inspection/final inspection according to inspection specification with valid calibrated test equipment carried out and documented.

Date: 14/08/2014 Inspected by: patternman

Blank field: For internal supplier information!

Please note: Identification in A6 format; external dimensions: height x width **105 x 148 mm (3.)**



					Date	Designation	Description	Barcode, identification and packaging for purchased parts	
					Signed	17/10/00	K		
					Checked				
					Std.				
					Application	TC 3254	Mat. no.		-
					WOLF		Drawing number		Sheet
11	TS04904/13	14/08/14	ra	las			13-02-000-003		15 of
10	TS04406/12	08/10/12	ra	las					19 sh.
Ind.	Application	Date	Sgd	Chk	Origin				

5.2.2. Order-specific part

Benennung: Sample text in German **WOLF**

Dokument- Nr.: 12-34-567-890 Ausg.: 01

Mat. – Nr.: 1234567 **(S)**

Menge: 100 m Lieferanten – Nr.: 12345

Barcode EAN13

123456712440112345 4 045013 208735

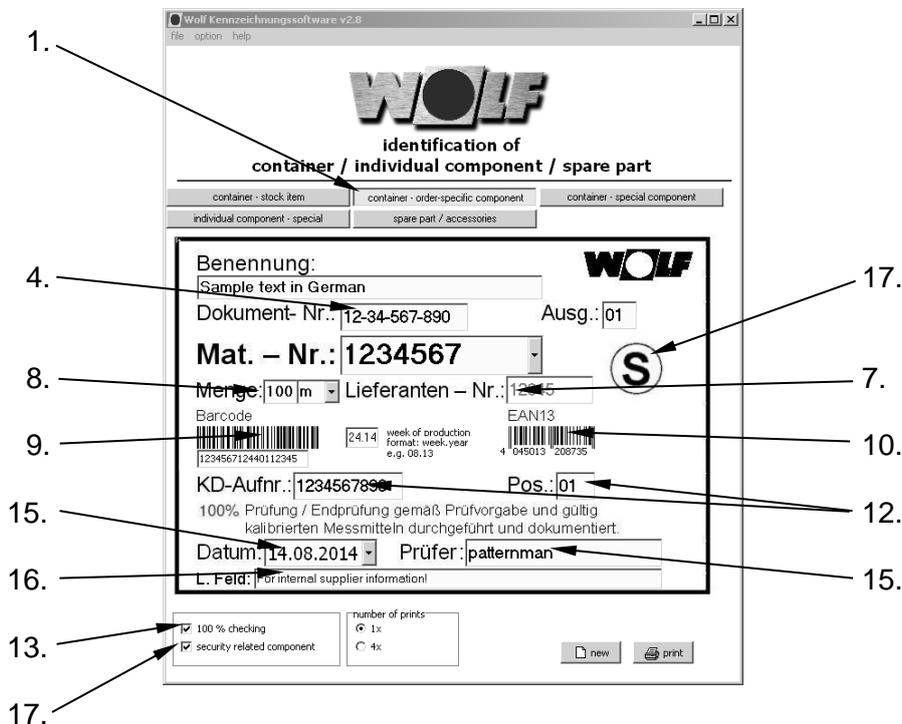
KD-Aufnr.: 1234567890 Pos.: 01

100% Prüfung / Endprüfung gemäß Prüfvorgabe und gültig kalibrierten Messmitteln durchgeführt und dokumentiert.

Datum: 14.08.2014 Prüfer: patternman

L. Feld: For internal supplier information!

Please note: Identification in A6 format; external dimensions: height x width **105 x 148 mm (3)**



					Date	Designation	Description	
					Signed	17/10/00	Barcode, identification and packaging for purchased parts	
					Checked	K		
					Std.			
					Application	TC 3254	Mat. no. -	
					WOLF		Drawing number	Sheet
11	TS04904/13	14/08/14	ra	las			13-02-000-003	16 of
10	TS04406/12	08/10/12	ra	las				19 sh.
Ind.	Application	Date	Sgd	Chk	Origin			

5.2.3. Special purchased part

Special purchased part(s) packed to prevent damage. For this observe that the packaging must be able to withstand the shipping from the supplier to goods inwards at Wolf.

Shipping unit marked with an identification label.

If identification is created **without** using the **Wolf identification software**, the layout and the relevant font sizes must correspond to the example. Deviations from the specifications in the example are **only** permissible in exceptional cases **with the approval** of the relevant **WOLF purchasing department**.

Benennung: Example of special purchase part **WOLF**
se part

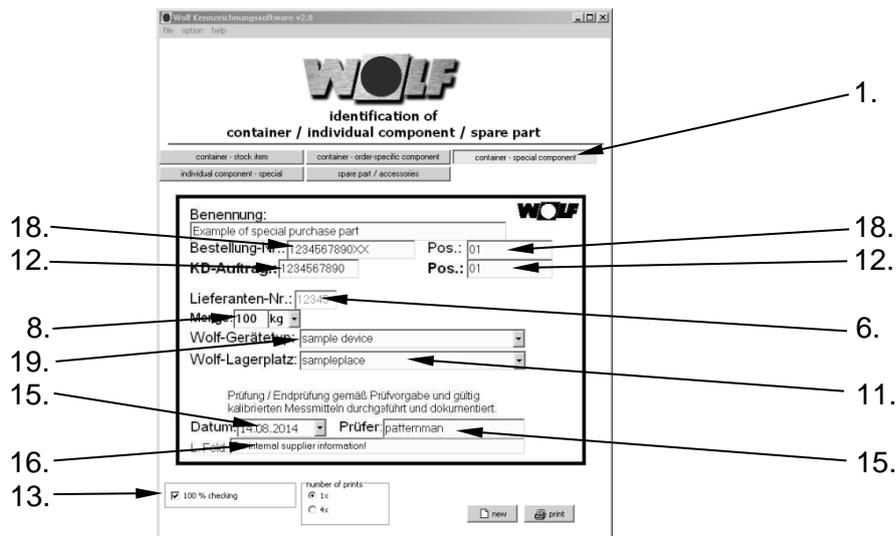
Bestellung-Nr.: 1234567890XX **Pos.:** 01
KD-Auftrag.: 1234567890 **Pos.:** 01

Lieferanten-Nr.: 12345
Menge: 100 kg
Wolf – Gerätetyp: sample device
Wolf – Lagerplatz: sample place

100% Prüfung / Endprüfung gemäß Prüfvorgabe und gültig kalibrierten Messmitteln durchgeführt und dokumentiert.

Datum: 14.08.2014 **Prüfer:** patternman
L. Feld: For internal supplier information!

Please note: Identification in A6 format; external dimensions: height x width **105 x 148 mm (3.)**



					Date	Designation	Description	Barcode, identification and packaging for purchased parts
				Signed	17/10/00	K		
				Checked				
				Std.			Mat. no.	-
					Application	TC 3254	Drawing number	
11	TS04904/13	14/08/14	ra	las	WOLF	13-02-000-003	Sheet	
10	TS04406/12	08/10/12	ra	las			17 of	
Ind.	Application	Date	Sgd	Chk	Origin		19 sh.	

6. Shipping unit

6.1. Euro pallet

1. Bundle several parts with the same mat. no. onto a Euro pallet so they are not at risk of damage and form one shipping unit.
2. Boxes must **not** protrude over the edges of the Euro pallet.
3. Secure boxes with straps or shrink wrap against slippage or loss (the same as point "WOLF folding box").
4. Mark each shipping unit (Euro pallet) on its front with "container identification" (as stock item, order-specific part or special purchased part).

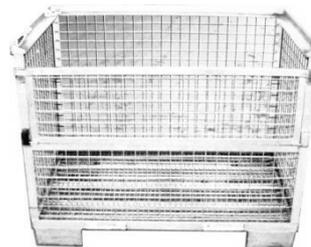
Dimensions: 1200 x 800 x 140 (L x W x H)
 Weight: 28 kg
 Payload: 1000 kg
 Load capacity: 3000 kg



6.2. Stillage

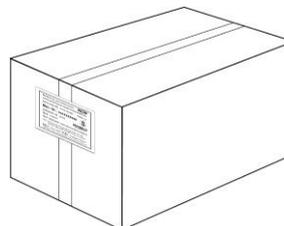
1. Pack several parts with the same mat. no. together in a stillage so they are not at risk of damage.
2. In the case of bulk goods or similar, protect the goods against abrasion or loss by means of a cardboard/corrugated cardboard insert.
3. Parts must **not** protrude through the stillage mesh.
4. The maximum fill height of each stillage is 800 mm.
5. Mark each shipping unit (stillage) on its front with "container identification" (as stock item, order-specific part or special purchased part).

Dimensions:
 Inside 1200 x 800 x 800 (L x B x H)
 Outside 1240 x 835 x 970 (L x B x H)
 Weight: 83 kg
 Payload: 1500 kg
 Load capacity: 3 on 1



6.3. Box

1. Pack several parts with the same mat. no. into a cardboard box so they are not at risk of damage.
2. Mark each shipping unit (box) on its front with "container identification" (as stock item, order-specific part or special purchased part).
3. Boxes should preferably be delivered on Euro pallets. For this, select the box size so that they will **not** protrude over the pallet edges.



					Date	Designation	Description	
					Signed	17/10/00	K	
					Checked			
					Std.		Mat. no.	
					Application	TC 3254	-	
							Drawing number	Sheet
11	TS04904/13	14/08/14	ra	las			13-02-000-003	18 of
10	TS04406/12	08/10/12	ra	las				19 sh.
Ind.	Application	Date	Sgd	Chk	Origin			

6.4. WOLF folding box

1. Pack several parts with the same mat. no. into the WOLF folding box so they are not at risk of damage.
2. Maximum fill volume (fill weight) per folding box: 22 kg.
3. Maximum load capacity of each folding box: 400 kg (when folding boxes are stacked).
4. Mark each shipping unit (WOLF folding box) on its front with "container identification" (as stock item, order specific part or special purchased part).
5. Stack no more than 16 folding boxes on a Euro pallet to form a folding box container (shipping unit).
6. Affix the identification so that it is **clearly legible** on **both** facing sides of the shipping unit.

Folding box container – preferred version:

Provide container with protective cardboard corners and bundled with straps.



Folding box open:



Dimensions:

600 x 400 x 230 mm (L x W x H)

Internal dimensions:

565 x 365 x 225 mm (L x W x H)

Folding box container – alternative:

Container bound in shrink wrap.



Folding box collapsed:



Dimensions:

600 x 400 x 60 mm (L x W x H)

Weight: 1.925 kg

(return to supplier)

					Date	Designation	Description	Barcode, identification and packaging for purchased parts
				Signed	17/10/00	K		
				Checked				
				Std.			Mat. no.	-
					Application	TC 3254		
11	TS04904/13	14/08/14	ra	las	WOLF	Drawing number	13-02-000-003	Sheet
10	TS04406/12	08/10/12	ra	las				19 of
Ind.	Application	Date	Sgd	Chk		Origin		