GAH ALBERTS

home and garden design ideas

HARDWARE

for wood and metal construction

www.gah.de

FAX NUMBER FOR ORDERS: +49 (0) 2357-907-292

LEGENDE

Self-service packed items
Self-service packed items for shelf presentation on hooks.

Products made of rustproof stainless steel
These especially high-grade products have long-lasting corrosion-resistance.

Bulk pack
Individual products were combined as a unit for bulk and professional needs. Depending on item, packaged in capsules, in labeled cardboard boxes or shrink-fitted in foil.

CE
European technical approval

PU
packaging unit

Sales Unit
purchased unit

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www.youtube.com/GAH1852

MANUFACTURER SINCE 1852

Tradition required

The company Gust. Alberts GmbH & Co. KG was founded in 1852 in Herscheid in South Westphalia and today it is a leading industrial brand for specialist trade, construction markets and industrial customers in Europe.

There are over 6,500 products in the full range available to customers. GAH-Alberts is ISO 9001 and ISO 14001 certified, Offers, service and quality are made in Germany. The company has different distribution companies as well as other participating interests domestically and abroad. At present 400 employee from 26 nations work in the family business. Production takes place in the company's Herscheid headquarters. Worldwide acquisition is secured by the company's own purchasing organization - FEGA Asia Ltd.

Our success is due to our employees: their expertise and their commitment are decisive factors, helping the company stand its ground among global competitors. We simultaneously rely on the latest technologies in manufacturing, logistics and in our management. The company is therefore oriented towards the future, family-friendly and was awarded with the Certificate of Audit berufundfamilie.

SAP-controlled processes in production, logistics, management and sales are the basis of an efficient and reliable working relationship with our partners. Where there are opportunities, GAH will support you in the implementation of individual business models in national and international transactions.

Certified quality

Offerings, service and high-quality products made in Germany see to it that there is reliable and constant supply for our commercial partners. ISO 9001 certified production, comprehensive quality management and environmental management according to ISO 14001 meet extremely high performance and sustainability requirements. The results are decisive advantages in the product line, delivery performance and price. We will quickly and easily meet your individuality requirements – in standard items, custom-made products and intelligent assortment expansions that we offer you in cooperation with other market leaders. However individual your wishes can be, we will fulfill them!

TÜV NORD
TÜV NORD CERT GmbH
DIN EN ISO 9001/14001

Zertifikat seit 2013
audit berufundfamilie

Solutions that will definitely bring you forward

Long-term experience and expertise even in the details make us a qualified and valuable partner. With need-based solutions that meet extremely high requirements in terms of quality, customer benefit and general building permits, we create solutions that definitely bring commerce, industry and handicraft forward.

GAH understands the purchasing and application process of its products like no other. For this purpose, we think in terms of applications and develop innovative products and multivalent services in manufacturing and sales.

This makes us the perfect partner in traditional and new markets.

Perfectly distribute goods – with GAH

High-tech inventory control, distributing warehouse in Russia as well as consistent use of technology – all for the smooth processing of your orders.

Comprehensive RFID use and SAP-controlled resource planning guarantee the highest degree of process reliability.

Individual customer requirements are easily and quickly met at any time thanks to proprietary production.
Optimal packaging sizes and demand-based shipment – up to the house door of your customers upon request – are a matter of course.

The distribution of goods does not get better than this

The integrated ordering and delivery of our goods creates valuable synergies in logistics and procurement. Bundled commodity flows reduce your complexity costs. Manufacturer-wide, IT-supported logistics is very easily possible with GAH.

For you on site

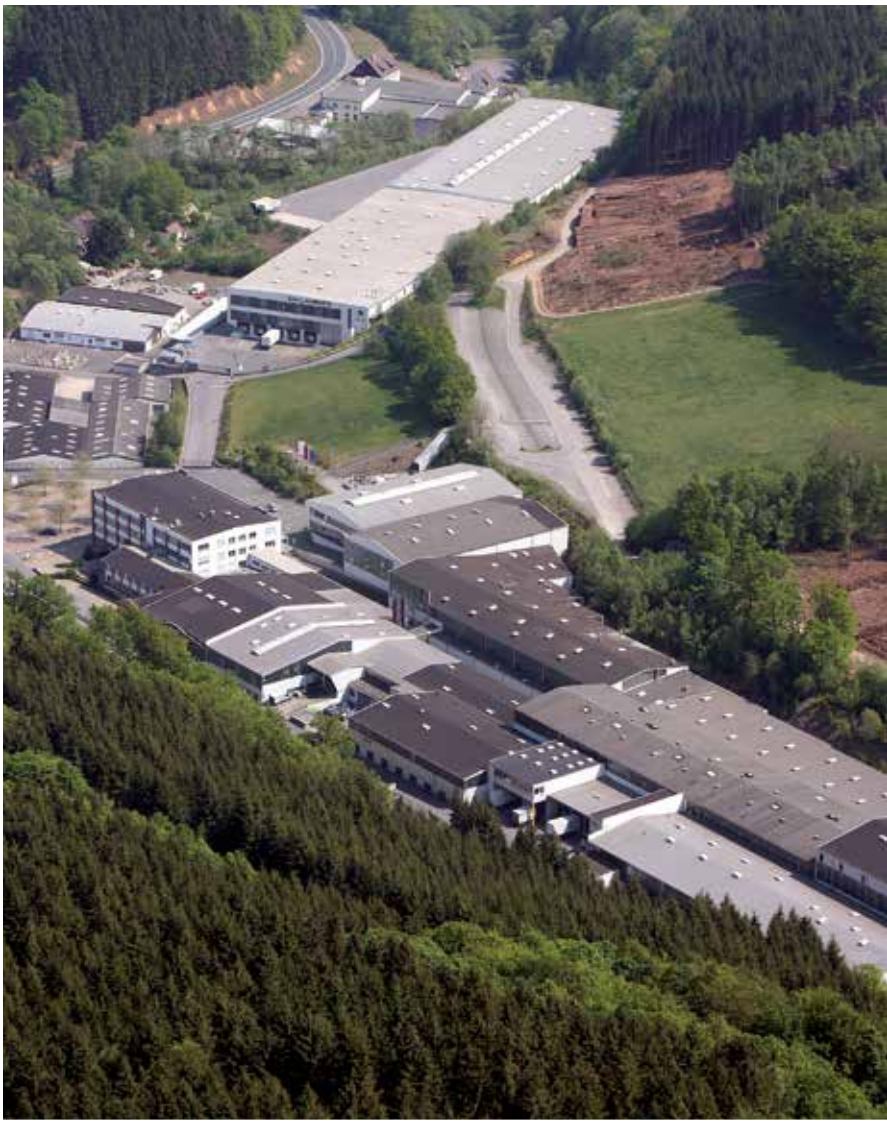
A team of external technicians, specially trained designers and fitters will work out groundbreaking POS sales concepts for you. Whatever your requirements, you have a contact person! Since in the comprehensive service package of GAH sales and service, planning and drafting, implementation and installation, item selection and training go hand in hand.

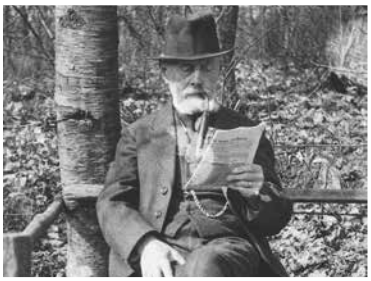
Employees from 26 nations, three sales companies, international interests and global cooperation admirably represent the complexity of existing and future markets.

Production in Germany and Europe and worldwide acquisition guarantee quality and competitiveness for us and our partners.

So we are in the best position to inspire with ideas for house and garden today and in the future.

GAH corporate video





MODERN LASER TECHNOLOGY

Expertise and innovative equipment

To be equipped for future tasks, GAH-Alberts has invested in the latest-generation tubular laser. The system, called CS 8, is equipped with a 3 kW laser, has a machine length of 22 m and is capable of machining 6.5 m long pipes with cross-sections of 12 - 220 mm as well as sections and flat steels.

The fast moving globalised world economy places ever higher requirements on products as well as their fabrication. Flexibility is expected here not only from the manufacturing processes but also from employees. The new laser is not only an investment in the company but also in the future so that products are made with the best quality and high repeat accuracy at short and flexible production and delivery times.

Through the use of the most modern laser technology we are in a position in terms of production to merge several work steps (sawing, pressing, slot-milling and drilling in the field of gate and fence production). We are then able to produce even more quickly, more effectively and more precisely.

Production at GAH

PUNCHING EQUIPMENT

Individual custom-made products

With our machinery, which consists of mechanical and hydromechanical presses with a print output of up to 400 t, we have been producing at the Herscheid Plant for a quarter of a century now the widest variety of timber connectors.

Joist hangers, angle connectors, perforated angle plates, rafter purlin anchors, gerber connector, flat connectors, swage blocks and perforated steel strips as well as many other punched products are produced highly efficiently at GAH-Alberts.

Through „Made in Germany“ production as well as through the CE label we can assure you that our timber connectors have a constant quality that conforms to the standard.

We will gladly make you an offer for individual custom-made products.

- Mechanical and hydromechanical press
- Table sizes: up to 1400 mm width and 900 mm depth
- Print output: from 30 to 400 t
- Material: Slit strips galvanised, bare and stainless steel
- Coil widths: up to 500 mm coil width
- Material thickness: up to 8 mm
- Proprietary tool design and construction

COATING

Varicoloured diversity

With the powder coating system put in service in 2006 we can now meet the individual needs of our commercial partners.

With pretreatment that conforms of automobile industry standards we offer you coating at the highest level for the most stringent requirements. Fully automatic or in manual mode we can coat the articles that you require in the quantities that you want.

Ask our team for an individual quote.

- Electrostatic powder coating line
- Discharge of goods in a total of 5 stations (e.g.: labeling, packaging or assembly)
- Workpiece size up to 3500 mm x 2500 mm x 400 mm (L/H/W) at max. 500 kg (in automatic mode)
- 8-zone pretreatment line (conforms of automobile industry standards)
- Manual coating station in exclusive colour requests or very small numbers and workpiece sizes of up to 8000 mm x 2500 mm x 400 mm (L/H/W)

CE LABEL

More transparency. More safety

For statically compatible timber connectors.
More transparency and safety for you – from GAH.

With the CE label you enjoy a significant plus on transparency and safety when purchasing and using our timber connectors and post supports. Since timber connectors and post supports relevant to static designs have the CE label that applies all of Europe. With it we offer the standard of the European building component supplier sector.

Depend on it:

- CE-labelled products as ever exhibit all the excellent GAH product properties! And also offer dealers and users a significant plus on transparency when it comes to quality and safety.

- Focus on what‘s important:
  You focus on your construction tasks and we take care of the rest according to CE requirements. That is, load capacity, safety, durability and compliance with applicable regulations such as ISO 9001 certification!

- We will do everything for you to be successful!
  We gladly offer our expertise and experience so that you can make products with excellent properties.
  As a company we are responsible for this with our certifications and quality requirements.

Basic objectives

Behind the CE label is a whole range of basic objectives and a significant plus on transparency and product safety. Only those products that meet all the objectives and requirements may bear the CE label. The CE label and the 6 requirements of Building Products Regulation 305/2011:

- Mechanical stability and stability under load
- Fire prevention
- Hygiene, health and environmental protection
- Safety in use
- Noise protection
- Energy savings and thermal protection

- The CE label guarantees the free trade of the product
- The CE label means unrestricted competition

The requirements for the manufacturer:
- Proof that its products conform to guidelines
- Availability of a production monitoring system
- Drawing up of a declaration of conformity

CE label:
A handshake for more quality and safety
The statutory obligation of a CE label
is not uniformly regulated in the EU. But for us
it is a handshake for the fulfillment of common objectives
with commerce and handicraft.

A handshake for more transparency and safety.
And so all our timber connectors and post supports for static designs fulfill the CE label.

You will find informat

Ein Handschlag auf mehr Transparenz und Sicherheit.
Und so erfüllen alle unsere Holzverbinder und Pfostenträger für statische Konstruktionen die CE-Kennzeichnung.

You will find information about the CE label in
www.gah.de/zulassungen

CE-label GAH

0769
CE
GAH

0769
CE
GAH

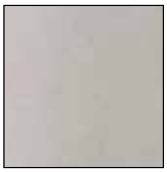
DONE WELL

Whoever works with our construction fittings does everything correctly

Not in vain has the core range of our timber connectors received the European technical approval. Since it delivers what it promises: top quality, perfect price-performance ratio and the satisfaction of working more quickly and better. So our construction fittings become irreplaceable helpers in professional construction, handicraft and connection. **Always just when it has to be perfect.**

PERFECT SURFACES

For every need



Stainless steel
Stainless steel has long-lasting resistance against corrosion. Especially suitable for application outdoors.

EDELSTAHL® Rostfrei
INOX
STAINLESS STEEL

Cataphoretic coating
Cataphoretically applied black dip paint with high corrosion resistance. Suitable for use outdoors.

Galvanising
The zinc is applied through immersion of the manufactured fittings in a zinc bath. Excellently suitable for application outdoors.

Sendzimir galvanising
Named after its inventor Mr. Sendzimir, the process involves the ingoing material from which the item is manufactured already having a zinc layer. Suitable for applications indoors such as in roof trusses or outdoors such as in car ports.

Zinc plated, yellow chromated
The yellow chromated surface matches wood well in terms of colour and provides an appealing visual effect. Suitable for use indoors or outdoors with the application of an additional protective layer.

Zinc plated, blue chromated
The silver blue surface matches white surfaces well in terms of colour. Suitable for use indoors.

RANGE OF OVADO FITTINGS

A round object

Advantages

- Unique, timeless design which is protected by design patents
- Individual design and differentiation from the standard
- No sharp punched edges and break lines
- Suitable for indoors and outdoors
- 10-year warranty against penetrative rusting through galvanisation and powder coating

Top quality is obvious!

GAH-Alberts has developed a unique design under this mission statement for fitting and timber connector product lines. Proven technology uses innovative design.

What was installed before as concealed as possible can now be placed in the visible area with a clear conscience. With the oval fittings and timber connectors you can work out your wooden structures uniquely and individually and deviate deliberately from the standard.

You can expect more quality. The high-grade machining the individual components leaves no sharp break lines and punched edges.

Thanks to superior galvanisation and powder coating, products are perfect for the outdoor and indoor area.

A timeless design as well as the elegant hue round off the Ovado series.

Stahl

OVADO

Window bolt
with knob handle

number of holes: 7
Hole: Ø4 mm

Dimension a	Dimension b	Dimension c	Dimension d	PU	Sales unit	Pieces per sale unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: galvanized, basalt-grey powder coated								
80 mm	40 mm	10 mm	27 mm	5	Piece	-	0,107	**113094**
80 mm	40 mm	10 mm	27 mm	8	Blister	1 pc.	0,107	**113049**

Lock bolt
with flat handle

with countersunk screw holes
fixation of padlock possible
number of holes: 4 / 3
Hole: Ø5,5 / 4 mm

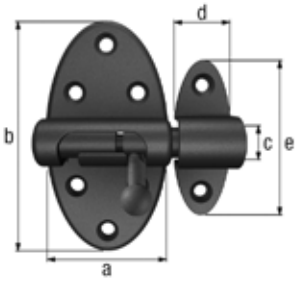
Accessory note: Padlocks not included.

Dimension a	Dimension b	Dimension c	Dimension d	PU	Sales unit	Pieces per sale unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: galvanized, basalt-grey powder coated								
90 mm	44 mm	16 mm	27 mm	5	Piece	-	0,185	**116729**
90 mm	44 mm	16 mm	27 mm	4	Blister	1 pc.	0,185	**116736**

Bolt lock
with round knob

with reinforced screw holes
number of holes: 4 / 2 / 2
Hole: Ø4,5 / 5 / 5 x 5 mm

Dimension a	Dimension b	Dimension c	Dimension d	PU	Sales unit	Pieces per sale unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: galvanized, basalt-grey powder coated								
112 mm	72 mm	Ø16 mm	36 mm	5	Piece	-	0,455	**128999**
112 mm	72 mm	Ø16 mm	36 mm	8	Blister	1 pc.	0,455	**129033**



Barrel bolt
with knob handle
with spring

with countersunk screw holes
number of holes: 8
Hole: Ø4,5 mm

- If the clamped head is closed any unwanted loosening due to vibration etc.

Dimension a	Dimension b	Dimension c	Dimension d	Dimension e	PU	Sales unit	Pieces per sale unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: galvanized, basalt-grey powder coated									
40 mm	75 mm	Ø9 mm	19 mm	51 mm	5	Piece	-	0,090	**128913**
40 mm	75 mm	Ø9 mm	19 mm	51 mm	8	Blister	1 pc.	0,090	**129019**

OVADO

Garden gate latch

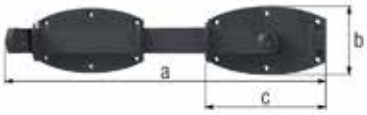
with countersunk screw holes
with door latch
applicable for left and right stop by turning the bolt
height adjustable by 22 mm after mounting
number of holes: 6
Hole: Ø5,5 mm

Figure version right

Dimension a	Dimension b	Dimension c	PU	Sales unit	Pieces per sale unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: galvanized, basalt-grey powder coated							
85 mm	60 mm	135 mm	5	Piece	-	0,330	**210144**
85 mm	60 mm	135 mm	5	Blister	1 pc.	0,330	**210236**

Double gate hasp

with countersunk screw holes
applicable DIN left and right
The closing angle connector can be used on both sides.
fixation of padlock possible
number of holes: 12
Hole: Ø5 mm



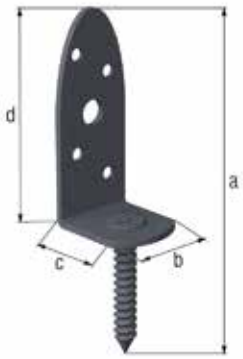
Accessory note: Padlocks not included.

Dimension a	Dimension b	Dimension c	PU	Sales unit	Pieces per sale unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: galvanized, basalt-grey powder coated							
375 mm	80 mm	140 mm	5	Piece	-	1,230	**210663**
375 mm	80 mm	140 mm	2	Blister	1 pc.	1,230	**210670**

Fence bracket

L shape

Cross slot wood screw: Ø8 x 45 mm
material thickness: 2,5 mm
number of holes: 4 / 1
Hole: Ø4,5 / 9 mm



Dimension a	Dimension b	Dimension c	Dimension d	PU	Sales unit	Pieces per sale unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: galvanized, basalt-grey powder coated								
120 mm	30 mm	34 mm	75 mm	20	Piece	-	0,075	**213091**
120 mm	30 mm	34 mm	75 mm	10	Blister	4 pc.	0,300	**213107**

Drop bolt

with countersunk screw holes
with two guiding
Distance bolt - gate: 36 mm
number of holes: 4
Hole: Ø5,5 mm

Dimension a	Dimension b	PU	Sales unit	Pieces per sale unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: galvanized, basalt-grey powder coated						
400 mm	Ø16 mm	1	Piece	-	0,960	**207090**
400 mm	Ø16 mm	2	Blister	1 pc.	0,960	**207083**

OVADO

Hook and eye

with counter plate
number of holes: 4
Hole: Ø5 mm

Dimension a	Dimension b	PU	Sales unit	Pieces per sale unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: galvanized, basalt-grey powder coated						
233 mm	Ø8 mm	10	Piece	-	0,230	**209360**
233 mm	Ø8 mm	4	Blister	1 pc.	0,230	**209353**

Tee hinge

with riveted pin
number of holes: 6 / 2
Hole: Ø6,5 / 9 x 9 mm

Dimension a	Dimension b	Dimension c	Dimension d	material thick-ness	PU	Sales unit	Pieces per sale unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: galvanized, basalt-grey powder coated									
242 mm	45,0 mm	90 mm	34 mm	2,5 mm	6	Piece	-	0,357	**310653**
242 mm	45,0 mm	90 mm	34 mm	2,5 mm	4	Blister	2 pc.	0,715	**310677**
391 mm	58,7 mm	103 mm	40 mm	4,0 mm	6	Piece	-	0,923	**310950**
391 mm	58,7 mm	103 mm	40 mm	4,0 mm	4	Blister	2 pc.	1,845	**310998**

Band hook

straight, round end

material thickness: 5 mm
number of holes: 2 / 1

Dimension a	Dimension b	Dimension c	Hole	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: galvanized, basalt-grey powder coated							
400 mm	Ø13 mm	40 mm	Ø7 / 9 x 9 mm	4	Piece	0,655	**314026**
600 mm	Ø16 mm	40 mm	Ø9 / 11 x 11 mm	4	Piece	0,975	**314033**

Window shutter middle hinge

straight, round end

Material of roll: 35 x 4 mm
material thickness: 3 mm
number of holes: 2 / 1
Hole: Ø5,5 / 9 x 9 mm

Dimension a	Dimension b	Dimension c	Dimension d	PU	Sales unit	Pieces per sale unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: galvanized, basalt-grey powder coated								
200 mm	30 mm	Ø13 mm	75 mm	5	Piece	-	0,685	**313531**
200 mm	30 mm	Ø13 mm	75 mm	4	Blister	1 pc.	0,340	**313555**

OVADO

Hook on plate

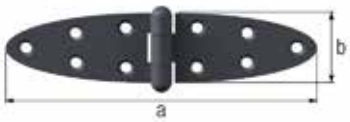
DI hook

with countersunk screw holes
number of holes: 4

Dimension a	Dimension b	Dimension c	Dimension d	material thickness	Hole	PU	Sales unit	Pieces per sale unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: galvanized, basalt-grey powder coated, to screw on										
Ø13 mm	10 mm	102 mm	35 mm	4,0 mm	Ø6,0 mm	4	Piece	-	0,195	**311360**
Ø13 mm	10 mm	102 mm	35 mm	4,0 mm	Ø6,0 mm	4	Blister	2 pc.	0,390	**311292**
Ø16 mm	13 mm	115 mm	52 mm	4,5 mm	Ø7,2 mm	4	Piece	-	0,343	**311377**
Ø16 mm	13 mm	115 mm	52 mm	4,5 mm	Ø7,2 mm	4	Blister	2 pc.	0,685	**311322**

Box hinge

with countersunk screw holes
material thickness: 2 mm
number of holes: 10
Hole: Ø5,5 mm



Dimension a	Dimension b	PU	Sales unit	Pieces per sale unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: galvanized, basalt-grey powder coated						
156 mm	35 mm	10	Piece	-	0,103	**315573**
156 mm	35 mm	8	Blister	2 pc.	0,205	**315610**
198 mm	35 mm	10	Piece	-	0,125	**315696**
198 mm	35 mm	8	Blister	2 pc.	0,250	**315658**

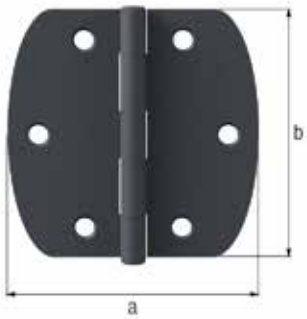
Security closing hasp

with blind screw holes
with eye
material thickness: 2 mm
number of holes: 6
Hole: Ø6 mm
slotted hole: Ø10 x 32 mm

Dimension a	Dimension b	Dimension c	PU	Sales unit	Pieces per sale unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: galvanized, basalt-grey powder coated							
100 mm	38 mm	29 mm	10	Piece	-	0,170	**348335**
100 mm	38 mm	29 mm	4	Blister	1 pc.	0,170	**348342**

Hinge

rolled
with countersunk screw holes
with riveted stainless steel pin
material thickness: 1 mm
number of holes: 6



Dimension a	Dimension b	Hole	PU	Sales unit	Pieces per sale unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: galvanized, basalt-grey powder coated							
62 mm	64 mm	Ø4,5 mm	6	Piece	-	0,070	**347031**
62 mm	64 mm	Ø4,5 mm	8	Blister	2 pc.	0,140	**346973**
82 mm	82 mm	Ø6,3 mm	6	Piece	-	0,118	**347048**
82 mm	82 mm	Ø6,3 mm	8	Blister	2 pc.	0,235	**346980**

OVADO

Table hinge

rolled
with countersunk screw holes
with riveted stainless steel pin
material thickness: 1,5 mm
number of holes: 6

Dimension a	Dimension b	Hole	PU	Sales unit	Pieces per sale unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: galvanized, basalt-grey powder coated							
101,0 mm	32 mm	Ø4,6 mm	10	Piece	-	0,060	**347093**
101,0 mm	32 mm	Ø4,6 mm	8	Blister	2 pc.	0,120	**346997**
120,5 mm	35 mm	Ø5,0 mm	10	Piece	-	0,070	**347154**
120,5 mm	35 mm	Ø5,0 mm	8	Blister	2 pc.	0,140	**347017**

Box handle

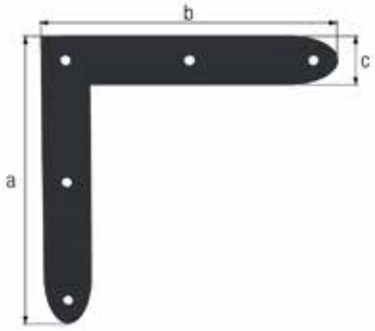
Depth: 12 mm
material thickness: 1,2 mm
number of holes: 4
Hole: Ø5 mm

Dimension a	Dimension b	PU	Sales unit	Pieces per sale unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: galvanized, basalt-grey powder coated						
110 mm	80 mm	6	Piece	-	0,195	**347819**
110 mm	80 mm	8	Blister	1 pc.	0,195	**347802**

Joist hanger angle bracket
unequal sided

with countersunk screw holes
material thickness: 4 mm
number of holes: 8
Hole: Ø7 mm

Dimension a	Dimension b	Dimension c	PU	Sales unit	Pieces per sale unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: galvanized, basalt-grey powder coated							
80 mm	120 mm	35 mm	12	Piece	-	0,191	**333652**
80 mm	120 mm	35 mm	5	Blister	4 pc.	0,765	**333683**



Flat angle bracket

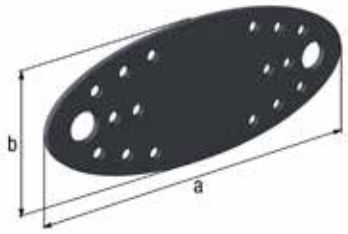
material thickness: 1,5 mm
number of holes: 5
Hole: Ø4 mm

Dimension a	Dimension b	Dimension c	PU	Sales unit	Pieces per sale unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: galvanized, basalt-grey powder coated							
120 mm	120 mm	20 mm	12	Piece	-	0,130	**333669**
120 mm	120 mm	20 mm	8	Blister	4 pc.	0,260	**333690**

OVADO

Flat connector

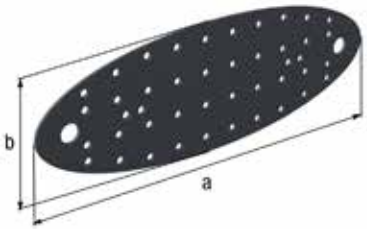
material thickness: 2,5 mm
number of holes: 2 / 16
Hole: Ø11 / 4,5 mm



Dimension a	Dimension b	PU	Sales unit	Pieces per sale unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: galvanized, basalt-grey powder coated						
135 mm	55 mm	12	Piece	-	0,121	**333676**
135 mm	55 mm	8	Blister	4 pc.	0,485	**333706**

Perforated plate

material thickness: 2 mm
number of holes: 2 / 48
Hole: Ø11 / 5 mm

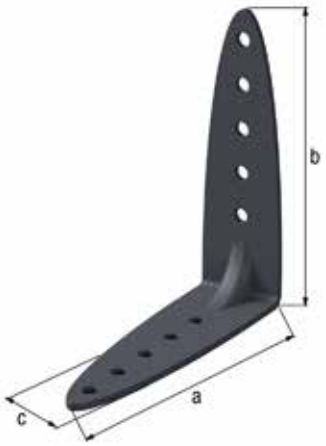


Dimension a	Dimension b	PU	Sales unit	Pieces per sale unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: galvanized, basalt-grey powder coated						
240 mm	80 mm	12	Piece	-	0,255	**333829**
240 mm	80 mm	8	Blister	2 pc.	0,510	**333713**

Heavy-duty angle bracket

reinforced

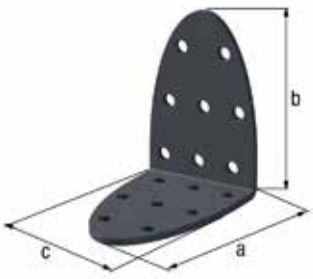
material thickness: 2,5 mm
number of holes: 10
Hole: Ø5 mm



Dimension a	Dimension b	Dimension c	PU	Sales unit	Pieces per sale unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: galvanized, basalt-grey powder coated							
100 mm	100 mm	30 mm	12	Piece	-	0,106	**335748**
100 mm	100 mm	30 mm	5	Blister	4 pc.	0,425	**335731**

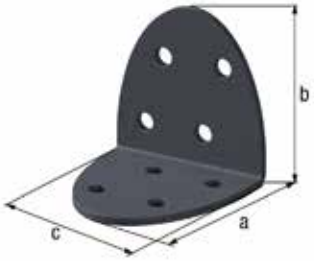
Perforated angle plate

material thickness: 2,5 mm
number of holes: 16
Hole: Ø4,5 mm



Dimension a	Dimension b	Dimension c	PU	Sales unit	Pieces per sale unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: galvanized, basalt-grey powder coated							
60 mm	60 mm	40 mm	12	Piece	-	0,079	**333867**
60 mm	60 mm	40 mm	4	Blister	4 pc.	0,315	**333720**

OVADO



Angle bracket

material thickness: 2 mm
number of holes: 8
Hole: Ø4,5 mm

Dimension a	Dimension b	Dimension c	PU	Sales unit	Pieces per sale unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: galvanized, basalt-grey powder coated							
40 mm	40 mm	40 mm	12	Piece	-	0,043	**333942**
40 mm	40 mm	40 mm	4	Blister	4 pc.	0,173	**333737**
50 mm	50 mm	40 mm	12	Piece	-	0,053	**333966**
50 mm	50 mm	40 mm	4	Blister	4 pc.	0,211	**333744**

Heavy-duty angle bracket

reinforced

material thickness: 2,5 mm
number of holes: 24 / 2
Hole: Ø4,5 / 11 mm

Dimension a	Dimension b	Dimension c	PU	Sales unit	Pieces per sale unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: galvanized, basalt-grey powder coated							
90 mm	90 mm	65 mm	12	Piece	-	0,176	**339876**
90 mm	90 mm	65 mm	5	Blister	4 pc.	0,705	**339869**

NOTES

BOLTS

The entire diversity at a glance

Advantages

- For indoors and outdoors
- Security lock bolt for theft protection
- Various surfaces for the respective load

Bolts are used to lock windows, doors and gates easily.

There is a distinction between bolts with a straight, elbowed or round slider, lockable or not lockable. In addition, there are bolts for special applications such as steel walers which prevent inadvertent opening of steel doors in case of vibrations or drop bolts which facilitate the opening or closing of high gates.

Security lock bolts can no longer be detached using a simple tool after mounting and locking.

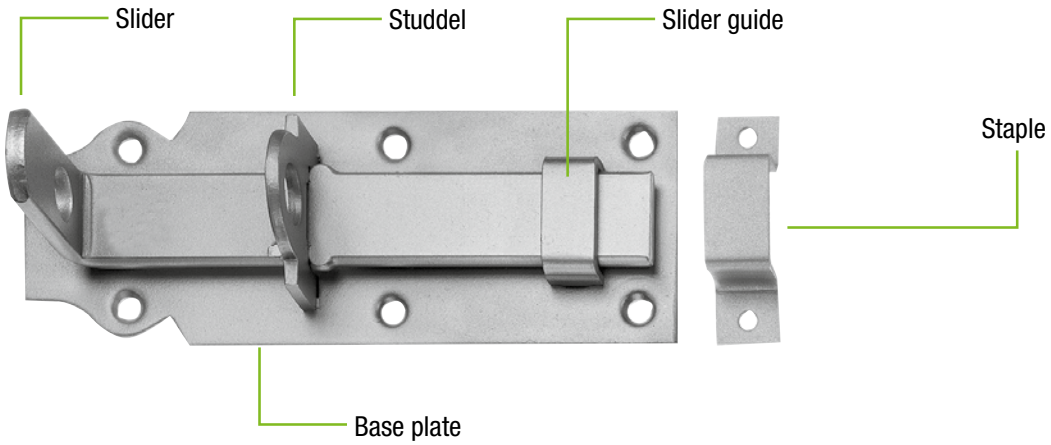
The following diagram shows the basic construction of bolts:

Depending on the areas bolts are used, they must bear up against different loads. For this reason, we also offer you hot-dip galvanised bolts and bolts made of stainless steel beside the simple yellow zinc-galvanized items. For decorative purposes, you will also find bolts made of brass and nickel-plated bolts in our product lineup.

Assembly

To fasten the bolts we recommend the use of screws matching the respective surface e.g. stainless steel screws to fasten a stainless steel bolt.

Bolts can always be used in both opening directions – DIN left as well as DIN right.

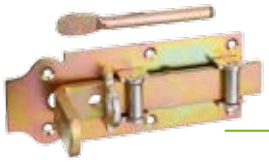


Stahl

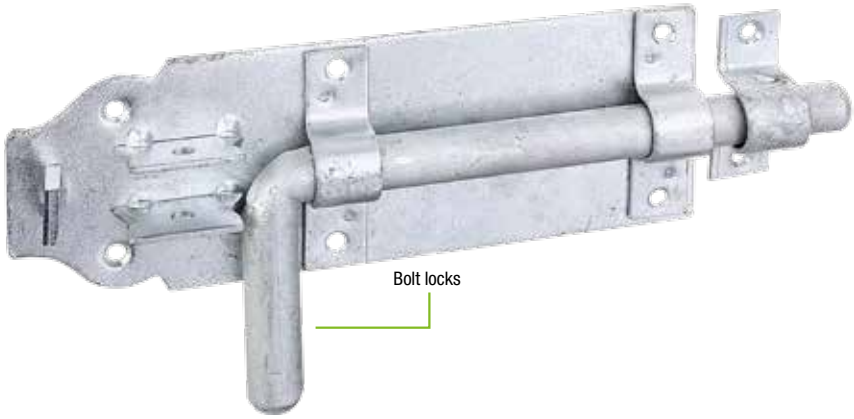
Furniture bolts

Window bolts

Security lock bolts


Lockable barn roller bolts

Security barn padlock bolts


Bolt locks

Door bolts

Barrel bolts

BOLTS

Furniture bolt
with knob handle

Extension length: 8 mm
number of holes: 2
Hole: Ø4,4 mm

Dimension a	Dimension b	Dimension c	Dimension d	Dimension e	PU	Sales unit	Pieces per sale unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: brass-plated, straight, with stop angle									
70 mm	16 mm	9 mm	13,5 mm	17 mm	25	Piece	-	0,020	**111618**
70 mm	16 mm	9 mm	13,5 mm	17 mm	10	Blister	2 pc.	0,060	**900014**
Material: steel, surface: nickel-plated, straight, with stop angle									
70 mm	16 mm	9 mm	13,5 mm	17 mm	25	Piece	-	0,020	**111663**

Elegant sliding bolt
with knob handle

Extension length: 9 mm
number of holes: 6
Hole: Ø3,3 mm

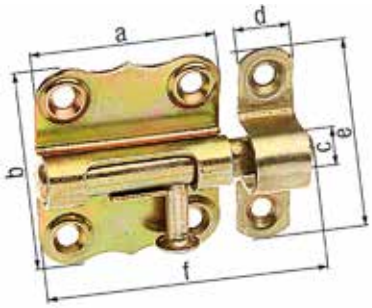
Dimension a	Dimension b	Dimension c	Dimension d	Dimension e	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: brass, surface: polished , straight, with attached staple								
80 mm	25 mm	8 mm	10 mm	25 mm	10	Piece	0,045	**113667**

Barrel bolt
with knob handle

Extension length: 13 mm
number of holes: 6
Hole: Ø3,3 mm

- If the clamped head is closed any unwanted loosening due to vibration etc.

Dimension a	Dimension b	Dimension c	Dimension d	Dimension e	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: brass, surface: polished , with attached staple								
76 mm	26 mm	Ø7,3 mm	16 mm	26 mm	10	Piece	0,073	**124526**
Material: brass, surface: nickel plated polished , with attached staple								
63 mm	26 mm	Ø7,3 mm	16 mm	26 mm	10	Piece	0,060	**124618**



Barrel bolt
with knob handle
without spring

with reinforced screw holes

- If the clamped head is closed any unwanted loosening due to vibration etc.

Dimension a	Dimension b	Dimension c	Dimension d	Dimension e	Dimension f	Extension length	number of holes	Hole	PU	Sales unit	Pieces per sale unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: yellow galvanized, with attached staple													
33 mm	35 mm	Ø7 mm	10 mm	37 mm	50 mm	16 mm	6	Ø3,8 mm	12	Piece	-	0,037	**123352**
39 mm	38 mm	Ø8 mm	10 mm	37 mm	65 mm	22 mm	4 / 2	Ø4,5 / 3,8 mm	12	Piece	-	0,052	**123369**
39 mm	38 mm	Ø8 mm	10 mm	37 mm	65 mm	22 mm	4 / 2	Ø4,5 / 3,8 mm	10	Blister	1 pc.	0,065	**901103**
47 mm	46 mm	Ø9 mm	13 mm	52 mm	80 mm	27 mm	6	Ø4,2 mm	12	Piece	-	0,082	**123376**
Material: stainless steel with attached staple													
VA 39 mm	38 mm	Ø8 mm	10 mm	37 mm	61 mm	22 mm	6	Ø4,4 mm	6	Piece	-	0,053	**327026**

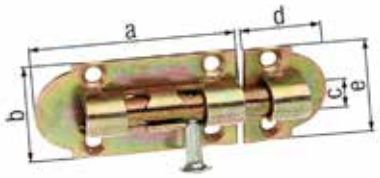
BOLTS

Barrel bolt
with knob handle
without spring

with countersunk screw holes

with pre-punched, bendable staple

- If the clamped head is closed any unwanted loosening due to vibration etc.

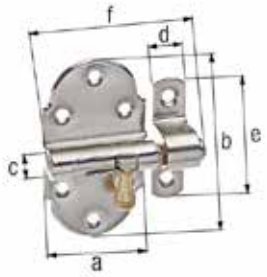


Dimension a	Dimension b	Dimension c	Dimension d	Dimension e	Extension length	number of holes	Hole	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: yellow galvanized, with attached staple											
50 mm	26 mm	Ø7 mm	22 mm	26 mm	16 mm	6	Ø4,0 mm	12	Piece	0,038	**124052**
65 mm	28 mm	Ø7 mm	22 mm	28 mm	16 mm	6	Ø4,0 mm	12	Piece	0,045	**124069**
75 mm	28 mm	Ø7 mm	22 mm	28 mm	19 mm	6	Ø4,3 mm	12	Piece	0,052	**124076**
100 mm	30 mm	Ø8 mm	27 mm	30 mm	22 mm	7	Ø4,4 mm	12	Piece	0,082	**124083**
126 mm	34 mm	Ø9 mm	33 mm	34 mm	32 mm	9	Ø5,5 mm	12	Piece	0,130	**124090**

Barrel bolt
with brass knob
with spring

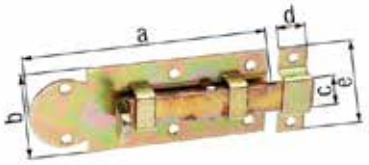
with countersunk screw holes

- If the clamped head is closed any unwanted loosening due to vibration etc.



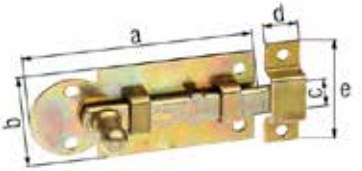
Dimension a	Dimension b	Dimension c	Dimension d	Dimension e	Dimension f	Extension length	number of holes	Hole	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: nickel-plated, polished surface, with attached staple												
35 mm	70 mm	Ø8 mm	13 mm	52 mm	60 mm	20 mm	6 / 2	Ø3,3 / 4,2 mm	10	Piece	0,065	**128852**
40 mm	75 mm	Ø9 mm	13 mm	52 mm	60 mm	20 mm	8	Ø4,2 mm	10	Piece	0,080	**128869**
45 mm	85 mm	Ø10 mm	13 mm	52 mm	80 mm	30 mm	8	Ø4,2 mm	10	Piece	0,106	**128876**
Material: steel, surface: yellow galvanized, with attached staple												
35 mm	70 mm	Ø8 mm	13 mm	52 mm	60 mm	20 mm	6 / 2	Ø3,3 / 4,2 mm	10	Piece	0,067	**128937**
40 mm	75 mm	Ø9 mm	13 mm	52 mm	60 mm	20 mm	8	Ø4,2 mm	10	Piece	0,090	**128944**
45 mm	85 mm	Ø10 mm	13 mm	52 mm	80 mm	30 mm	8	Ø4,2 mm	10	Piece	0,117	**128890**

Sliding bolt
with flat handle



Dimension a	Dimension b	Dimension c	Dimension d	Dimension e	Extension length	number of holes	Hole	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: yellow galvanized, straight, with attached staple											
80 mm	30 mm	10 mm	10 mm	30,5 mm	18 mm	6 / 2	Ø3,5 / 3,4 mm	10	Piece	0,040	**110413**

Window bolt
with knob handle



Dimension a	Dimension b	Dimension c	Dimension d	Dimension e	Extension length	number of holes	Hole	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: yellow galvanized, straight, with attached staple											
61 mm	26 mm	7,5 mm	10 mm	30 mm	13,5 mm	6	Ø3,5 mm	10	Piece	0,032	**113001**
80 mm	30 mm	10,0 mm	10 mm	30 mm	19,5 mm	8	Ø3,5 mm	10	Piece	0,053	**113018**
100 mm	30 mm	11,5 mm	13 mm	38 mm	29,0 mm	6 / 2	Ø3,5 / 3,3 mm	10	Piece	0,077	**113025**
120 mm	34 mm	13,0 mm	13 mm	38 mm	35,0 mm	6 / 2	Ø3 / 3,3 mm	10	Piece	0,104	**113032**
Material: steel, surface: yellow galvanized, cranked, with attached locking plate											
80 mm	30 mm	10,0 mm	22 mm	40 mm	12,0 mm	6 / 2	Ø3,5 / 4,7 mm	10	Piece	0,055	**113216**
100 mm	30 mm	11,5 mm	22 mm	40 mm	16,5 mm	6 / 2	Ø3,5 / 4,7 mm	10	Piece	0,079	**113223**
Material: stainless steel, straight, with attached staple											
80 mm	26 mm	10,5 mm	10 mm	40 mm	18,5 mm	8	Ø3 mm	10	Piece	0,064	**113261** VA

BOLTS

Window bolt
with knob handle

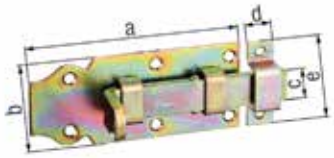
Extension length: 29 mm
number of holes: 7
Hole: Ø3,8 mm

	Dimension a	Dimension b	Dimension c	Dimension d	Dimension e	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: stainless steel, straight, with attached staple									
VA	100 mm	35 mm	12 mm	12 mm	35 mm	5	Piece	0,076	**113278**

Turning bolt

number of holes: 6

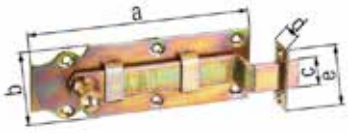
Dimension a	Dimension b	Dimension c	Dimension d	Dimension e	Extension length	Hole	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, Surface: blue galvanized, with staple										
30 mm	69 mm	19 mm	12 mm	55 mm	17 mm	Ø4,5 mm	12	Piece	0,058	**111687**
35 mm	77 mm	22 mm	13 mm	60 mm	19 mm	Ø5,0 mm	12	Piece	0,073	**111694**



Door bolt
with flat handle

with countersunk screw holes
number of holes: 6 / 2

Dimension a	Dimension b	Dimension c	Dimension d	Dimension e	Extension length	Hole	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: yellow galvanized, straight, with attached staple										
100 mm	44 mm	16 mm	13 mm	45 mm	23,0 mm	Ø5,0 / 4,0 mm	10	Piece	0,119	**134402**
120 mm	44 mm	20 mm	13 mm	45 mm	27,5 mm	Ø5,0 / 4,0 mm	10	Piece	0,138	**134419**
140 mm	52 mm	20 mm	16 mm	55 mm	36,0 mm	Ø5,0 / 4,5 mm	10	Piece	0,239	**134426**
160 mm	56 mm	22 mm	16 mm	55 mm	40,5 mm	Ø5,3 / 4,5 mm	5	Piece	0,295	**134433**
Material: steel, surface: yellow galvanized, cranked, with attached locking plate										
100 mm	44 mm	16 mm	22 mm	40 mm	19,0 mm	Ø5,0 / 4,7 mm	10	Piece	0,125	**134501**



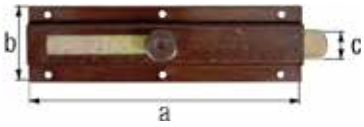
Door bolt
with knob handle

with countersunk screw holes
number of holes: 6 / 2

Dimension a	Dimension b	Dimension c	Dimension d	Dimension e	Extension length	Hole	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: yellow galvanized, straight, with attached staple										
100 mm	44 mm	16 mm	13 mm	45 mm	23,0 mm	Ø5,0 / 4,0 mm	10	Piece	0,151	**115388**
120 mm	44 mm	16 mm	13 mm	45 mm	27,0 mm	Ø5,0 / 4,0 mm	10	Piece	0,182	**115395**
140 mm	52 mm	20 mm	16 mm	55 mm	35,0 mm	Ø5,0 / 4,5 mm	10	Piece	0,262	**115401**
160 mm	56 mm	22 mm	16 mm	55 mm	41,0 mm	Ø5,3 / 4,5 mm	5	Piece	0,313	**115418**
Material: steel, surface: yellow galvanized, cranked, with attached locking plate										
100 mm	44 mm	16 mm	22 mm	40 mm	14,0 mm	Ø5,0 / 4,7 mm	10	Piece	0,154	**115609**
120 mm	44 mm	16 mm	22 mm	40 mm	18,5 mm	Ø5,0 / 4,7 mm	10	Piece	0,176	**115616**
140 mm	52 mm	20 mm	20 mm	47 mm	23,0 mm	Ø5,0 / 4,2 mm	10	Piece	0,267	**115623**
160 mm	56 mm	22 mm	20 mm	47 mm	28,0 mm	Ø5,0 / 4,2 mm	5	Piece	0,322	**115630**

BOLTS

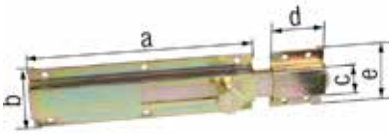
Door bolt
with knob handle



for vertical locking
Extension length: 56 mm
number of holes: 6
Hole: Ø4,5 mm

Dimension a	Dimension b	Dimension c	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: browned, without locking plate						
150 mm	40 mm	16 mm	10	Piece	0,225	**111670**
Material: steel, surface: yellow galvanized, without locking plate						
150 mm	40 mm	16 mm	10	Piece	0,225	**111786**

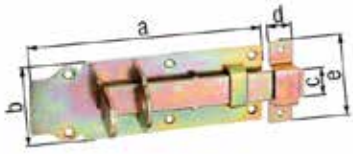
Door bolt
with knob handle



for horizontal locking
Extension length: 78 mm
number of holes: 10
Hole: Ø5,5 mm

Dimension a	Dimension b	Dimension c	Dimension d	Dimension e	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: browned, with staple								
200 mm	57 mm	25 mm	50 mm	58 mm	5	Piece	0,770	**111793**
Material: steel, surface: yellow galvanized, with staple								
200 mm	57 mm	25 mm	50 mm	58 mm	5	Piece	0,770	**111809**

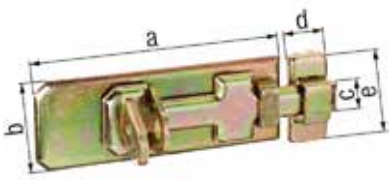
Lock bolt
with flat handle



with countersunk screw holes

Dimension a	Dimension b	Dimension c	Dimension d	Dimension e	Extension length	number of holes	Hole	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...	
Material: steel, surface: yellow galvanized, straight, with attached staple												
100 mm	44 mm	16 mm	13 mm	45 mm	27 mm	6 / 2	Ø5,0 / 4,0 mm	10	Piece	0,151	**116750**	
120 mm	44 mm	16 mm	13 mm	45 mm	33 mm	6 / 2	Ø5,0 / 4,0 mm	10	Piece	0,165	**116767**	
140 mm	52 mm	20 mm	16 mm	55 mm	41 mm	6 / 2	Ø5,0 / 4,5 mm	10	Piece	0,250	**116774**	
160 mm	56 mm	22 mm	16 mm	55 mm	44 mm	6 / 2	Ø5,5 / 4,5 mm	5	Piece	0,307	**116781**	
180 mm	64 mm	25 mm	20 mm	72 mm	56 mm	6 / 2	Ø5,5 / 4,5 mm	5	Piece	0,410	**116743**	
200 mm	64 mm	25 mm	20 mm	73 mm	65 mm	6 / 2	Ø5,5 / 4,5 mm	5	Piece	0,456	**116798**	
Material: steel, surface: yellow galvanized, cranked, with attached locking plate												
100 mm	44 mm	16 mm	22 mm	40 mm	20 mm	6 / 2	Ø5,0 / 4,7 mm	10	Piece	0,150	**116958**	
120 mm	44 mm	16 mm	22 mm	40 mm	25 mm	6 / 2	Ø5,0 / 4,7 mm	10	Piece	0,171	**117030**	
140 mm	52 mm	20 mm	20 mm	47 mm	30 mm	6 / 2	Ø5,0 / 4,2 mm	10	Piece	0,258	**117047**	
160 mm	56 mm	22 mm	20 mm	47 mm	32 mm	6 / 2	Ø5,5 / 4,2 mm	5	Piece	0,330	**116989**	
Material: stainless steel, straight, with attached staple												
100 mm	45 mm	16 mm	10 mm	46 mm	27 mm	8	Ø3,8 mm	10	Piece	0,162	**116934**	VA
120 mm	45 mm	16 mm	10 mm	46 mm	34 mm	8	Ø3,8 mm	10	Piece	0,175	**116910**	VA
140 mm	52 mm	18 mm	14 mm	61 mm	40 mm	8	Ø4,5 mm	10	Piece	0,260	**116927**	VA

BOLTS



Security lock bolt
with flat handle

with countersunk screw holes

When the slider is pushed forward, the countersunk screw holes of the locking plate are covered and the screws cannot be removed. The staple is secured by the drive-in plate which is hidden by the slider that is pushed forward.

	Dimension a	Dimension b	Dimension c	Dimension d	Dimension e	Extension length	number of holes	Hole	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: yellow galvanized, straight, with attached staple												
	80 mm	35 mm	13 mm	18 mm	41 mm	20 mm	6	Ø4,5 mm	10	Piece	0,083	**123055**
	100 mm	40 mm	15 mm	20 mm	45 mm	25 mm	6	Ø4,5 mm	10	Piece	0,135	**123062**
	120 mm	45 mm	17 mm	22 mm	50 mm	30 mm	6	Ø5,0 mm	10	Piece	0,200	**123079**
	140 mm	55 mm	20 mm	24 mm	56 mm	35 mm	6	Ø5,0 mm	5	Piece	0,301	**123086**
Material: stainless steel, straight, with attached staple												
VA	100 mm	40 mm	14 mm	20 mm	45 mm	25 mm	4 / 2	Ø5 / 4 mm	6	Piece	0,113	**327002**

Lock bolt
with flat handle

number of holes: 6 / 2

	Dimension a	Dimension b	Dimension c	Dimension d	Dimension e	Extension length	Hole	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: yellow galvanized, black painted metal sheet, straight, with attached staple											
	100 mm	44 mm	16 mm	13 mm	45 mm	27 mm	Ø5,0 / 4,0 mm	10	Piece	0,133	**116064**
	120 mm	44 mm	16 mm	13 mm	45 mm	33 mm	Ø5,0 / 4,0 mm	10	Piece	0,137	**116071**
	140 mm	52 mm	20 mm	16 mm	55 mm	41 mm	Ø5,0 / 4,5 mm	10	Piece	0,231	**116088**
	160 mm	56 mm	22 mm	16 mm	55 mm	45 mm	Ø5,5 / 4,5 mm	5	Piece	0,265	**116095**
	200 mm	64 mm	25 mm	20 mm	72 mm	66 mm	Ø5,5 / 4,5 mm	5	Piece	0,450	**116118**

Barn flush bolt
with flat handle

with countersunk screw holes

with thread for screwing the pin into the rear side of the bolt

The pin that has been screwed in on the back allows the gate to be opened from the inside.

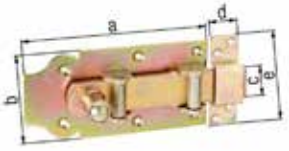
Pin length: 128 mm

number of holes: 6 / 2

Hole: Ø5,5 / 4,5 mm

Accessory note: pin not attached

	Dimension a	Dimension b	Dimension c	Dimension d	Dimension e	Extension length	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: yellow galvanized, straight, with attached staple										
	160 mm	56 mm	22 mm	16 mm	55 mm	42 mm	5	Piece	0,388	**117184**
	180 mm	64 mm	25 mm	20 mm	72 mm	57 mm	5	Piece	0,530	**117160**



Roller bolt
with knob handle

with countersunk screw holes

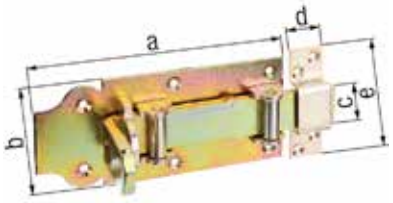
number of holes: 10

Hole: Ø5 mm

	Dimension a	Dimension b	Dimension c	Dimension d	Dimension e	Extension length	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: yellow galvanized, straight, with attached staple										
	160 mm	80 mm	30 mm	26 mm	86 mm	33 mm	5	Piece	0,850	**118006**
	180 mm	80 mm	30 mm	26 mm	86 mm	45 mm	5	Piece	0,900	**118068**

BOLTS

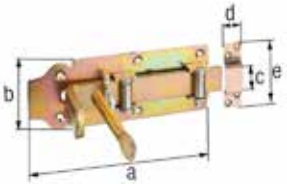
Lockable roller bolt
with flat handle



with countersunk screw holes
number of holes: 10
Hole: Ø5 mm

Dimension a	Dimension b	Dimension c	Dimension d	Dimension e	Extension length	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: yellow galvanized, straight, with attached staple									
180 mm	80 mm	30 mm	26 mm	86 mm	40 mm	3	Piece	0,900	**118563**
200 mm	80 mm	30 mm	26 mm	86 mm	45 mm	5	Piece	1,000	**118525**

Lockable barn roller bolt
with flat handle

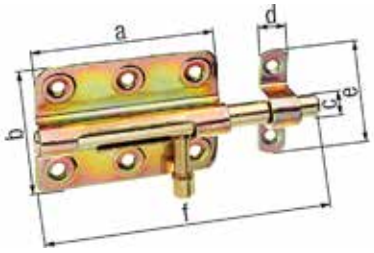


with countersunk screw holes
with thread for screwing the pin into the rear side of the bolt
The pin that has been screwed in on the back allows the gate to be opened from the inside.
Pin length: 123 mm
Extension length: 47 mm
number of holes: 10
Hole: Ø5 mm

Accessory note: pin not attached

Dimension a	Dimension b	Dimension c	Dimension d	Dimension e	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: yellow galvanized, straight, with attached staple								
200 mm	80 mm	30 mm	26 mm	86 mm	5	Piece	1,100	**118815**

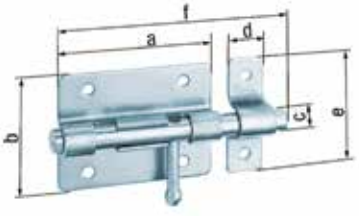
Bolt lock
with round knob



with countersunk screw holes

Dimension a	Dimension b	Dimension c	Dimension d	Dimension e	Dimension f	Extension length	number of holes	Hole	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: yellow galvanized, with attached staple												
80 mm	59 mm	Ø11 mm	16 mm	58 mm	125 mm	43 mm	6 / 2	Ø5,3 / 4,2 mm	6	Piece	0,198	**128975**
100 mm	59 mm	Ø11 mm	16 mm	58 mm	145 mm	44 mm	6 / 2	Ø5,3 / 4,2 mm	6	Piece	0,230	**128982**
Material: stainless steel with attached staple												
80 mm	59 mm	Ø11 mm	16 mm	59 mm	122 mm	41 mm	8	Ø4 mm	6	Piece	0,200	**327040** VA

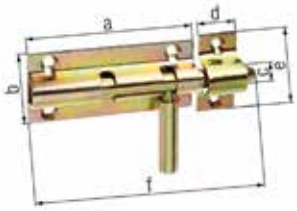
Bolt lock
with round knob



Hole: Ø5 mm

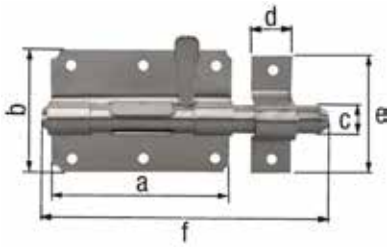
Dimension a	Dimension b	Dimension c	Dimension d	Dimension e	Dimension f	Extension length	number of holes	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, Surface: blue galvanized, with attached staple											
66 mm	52 mm	Ø10 mm	16 mm	60 mm	100 mm	34 mm	6	10	Piece	0,139	**137298**
80 mm	58 mm	Ø12 mm	16 mm	60 mm	120 mm	39 mm	8	10	Piece	0,174	**137038**
88 mm	67 mm	Ø14 mm	20 mm	60 mm	140 mm	46 mm	8	10	Piece	0,280	**137045**
100 mm	66 mm	Ø16 mm	20 mm	60 mm	160 mm	46 mm	8	10	Piece	0,395	**137052**
Material: steel, surface: cataphoretic black painting with attached staple											
66 mm	52 mm	Ø10 mm	16 mm	60 mm	100 mm	34 mm	6	10	Piece	0,174	**137281**
80 mm	58 mm	Ø12 mm	16 mm	60 mm	120 mm	39 mm	8	10	Piece	0,180	**137007**
88 mm	67 mm	Ø14 mm	20 mm	60 mm	140 mm	46 mm	8	10	Piece	0,300	**137014**
100 mm	66 mm	Ø16 mm	20 mm	60 mm	160 mm	46 mm	8	10	Piece	0,400	**137021**

BOLTS



Bolt lock
with round knob

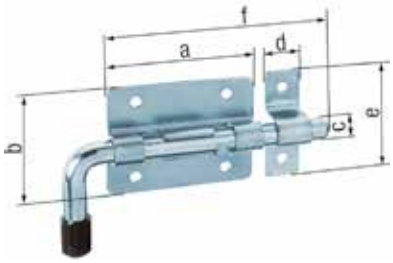
Dimension a	Dimension b	Dimension c	Dimension d	Dimension e	Dimension f	Extension length	number of holes	Hole	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: yellow galvanized, with attached staple												
80 mm	36 mm	Ø10 mm	20 mm	41 mm	110 mm	29 mm	4 / 2	Ø5,5 / 4,0 mm	10	Piece	0,160	**127763**
100 mm	41 mm	Ø12 mm	20 mm	51 mm	140 mm	37 mm	4 / 2	Ø5,0 / 4,5 mm	10	Piece	0,240	**127954**
120 mm	41 mm	Ø12 mm	20 mm	51 mm	160 mm	37 mm	6 / 2	Ø5,0 / 4,5 mm	10	Piece	0,287	**127961**
140 mm	50 mm	Ø14 mm	20 mm	51 mm	180 mm	38 mm	6 / 2	Ø5,5 / 4,5 mm	5	Piece	0,430	**128067**
160 mm	60 mm	Ø16 mm	25 mm	60 mm	210 mm	50 mm	8	Ø5,5 mm	5	Piece	0,650	**128166**



Bolt lock
with flat handle

Extension length: 47 mm
number of holes: 8
Hole: Ø5 mm

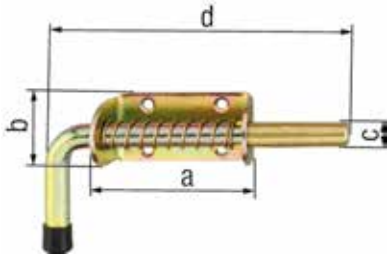
Dimension a	Dimension b	Dimension c	Dimension d	Dimension e	Dimension f	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: stainless steel with attached staple									
VA 90 mm	60 mm	Ø14 mm	20 mm	60 mm	140 mm	5	Piece	0,260	**309084**



Bolt lock
with round knob

Hole: Ø5 mm

Dimension a	Dimension b	Dimension c	Dimension d	Dimension e	Dimension f	Extension length	number of holes	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, Surface: blue galvanized, with attached staple											
66 mm	52 mm	Ø10 mm	16 mm	60 mm	110 mm	34 mm	6	10	Piece	0,161	**137571**
80 mm	58 mm	Ø12 mm	16 mm	60 mm	130 mm	38 mm	8	10	Piece	0,250	**137588**
88 mm	67 mm	Ø14 mm	20 mm	60 mm	160 mm	47 mm	8	10	Piece	0,369	**137595**
100 mm	66 mm	Ø16 mm	20 mm	60 mm	170 mm	50 mm	8	10	Piece	0,474	**137601**



Bolt lock
Type Pistolet
with round knob
with spring

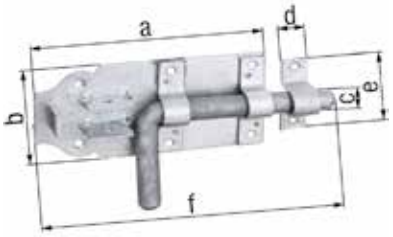
The spring and the lug keep the bolt in the upper position.
Extension length: 58 mm
number of holes: 4
Hole: Ø6 mm

Dimension a	Dimension b	Dimension c	Dimension d	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: yellow galvanized, without staple							
85 mm	40 mm	Ø14 mm	176 mm	5	Piece	0,305	**204495**
Material: steel, Surface: blue galvanized, with without staple							
85 mm	40 mm	Ø14 mm	176 mm	5	Piece	0,305	**204815**

BOLTS

Bolt lock
with round knob

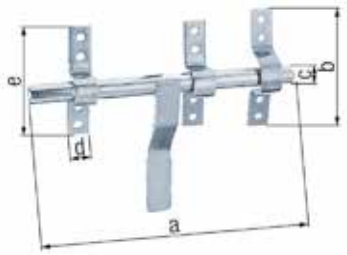
with countersunk screw holes
Extension length: 49 mm
number of holes: 6 / 2
Hole: Ø5,5 / 5 mm



Dimension a	Dimension b	Dimension c	Dimension d	Dimension e	Dimension f	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: hot galvanized, with attached staple									
160 mm	70 mm	Ø16 mm	20 mm	58 mm	210 mm	5	Piece	0,540	**124359**
180 mm	70 mm	Ø16 mm	20 mm	58 mm	230 mm	5	Piece	0,596	**124366**
200 mm	70 mm	Ø16 mm	20 mm	58 mm	250 mm	5	Piece	0,675	**124328**

Bolt lock
Type Vervelle
with flat handle

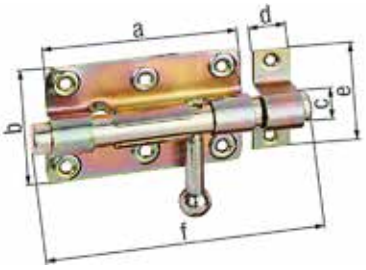
adjustable extension length
number of holes: 12
Hole: Ø6 mm



Dimension a	Dimension b	Dimension c	Dimension d	Dimension e	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, Surface: blue galvanized, with attached staple								
190 mm	93 mm	Ø14 mm	16 mm	83 mm	5	Piece	0,375	**204501**

Locking tower bolt
with round knob

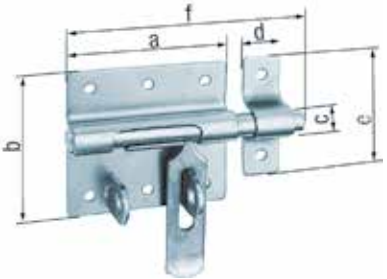
with reinforced screw holes



Dimension a	Dimension b	Dimension c	Dimension d	Dimension e	Dimension f	Extension length	number of holes	Hole	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...	
Material: steel, surface: yellow galvanized, with attached staple													
99 mm	60 mm	Ø16 mm	20 mm	58 mm	140 mm	56 mm	4 / 2 / 2	Ø4,4 / 5 / 5 x 5 mm	6	Piece	0,376	**129026**	
Material: stainless steel with attached staple													
100 mm	65 mm	Ø15,5 mm	20 mm	60 mm	153 mm	37 mm	8	Ø4,3 mm	4	Piece	0,390	**327019**	VA

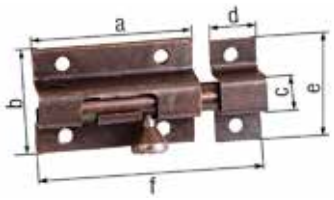
Locking tower bolt
with flat handle

number of holes: 8
Hole: Ø5 mm



Dimension a	Dimension b	Dimension c	Dimension d	Dimension e	Dimension f	Extension length	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, Surface: blue galvanized, with attached staple										
66 mm	52 mm	Ø10 mm	16 mm	60 mm	100 mm	32 mm	10	Piece	0,139	**137076**
80 mm	58 mm	Ø12 mm	16 mm	60 mm	120 mm	39 mm	10	Piece	0,199	**137083**
88 mm	67 mm	Ø14 mm	20 mm	60 mm	140 mm	48 mm	10	Piece	0,309	**137090**
100 mm	66 mm	Ø16 mm	20 mm	60 mm	160 mm	57 mm	10	Piece	0,416	**137106**
Material: steel, surface: cataphoretic black painting with attached staple										
66 mm	52 mm	Ø10 mm	16 mm	60 mm	100 mm	32 mm	10	Piece	0,160	**137304**
80 mm	58 mm	Ø12 mm	16 mm	60 mm	120 mm	39 mm	10	Piece	0,200	**137311**
88 mm	67 mm	Ø14 mm	20 mm	60 mm	140 mm	48 mm	10	Piece	0,330	**137328**
100 mm	66 mm	Ø16 mm	20 mm	60 mm	160 mm	57 mm	10	Piece	0,430	**137335**

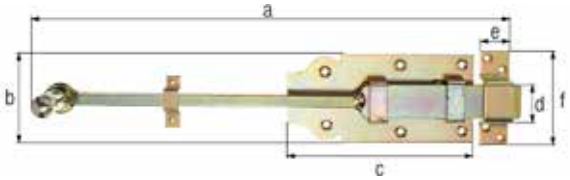
BOLTS



Locking tower bolt
with knob handle

Hole: Ø4,5 mm

Dimension a	Dimension b	Dimension c	Dimension d	Dimension e	Dimension f	Extension length	number of holes	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: browned, with attached staple											
50 mm	33 mm	Ø9 mm	15 mm	33 mm	70 mm	17 mm	6	10	Piece	0,075	**111717**
70 mm	33 mm	Ø9 mm	31 mm	33 mm	110 mm	38 mm	8	10	Piece	0,115	**111731**
90 mm	33 mm	Ø9 mm	50 mm	33 mm	150 mm	57 mm	8	10	Piece	0,155	**111755**
Material: steel, surface: yellow galvanized, with attached staple											
50 mm	33 mm	Ø9 mm	15 mm	33 mm	70 mm	17 mm	6	10	Piece	0,075	**111700**
70 mm	33 mm	Ø9 mm	31 mm	33 mm	110 mm	38 mm	8	10	Piece	0,115	**111724**
90 mm	33 mm	Ø9 mm	50 mm	33 mm	150 mm	57 mm	8	10	Piece	0,155	**111748**



Door bolt
with knob handle

with countersunk screw holes

For locking the second gate wing at the top and bottom

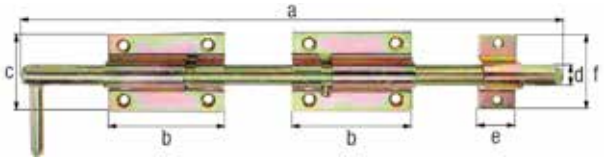
Square bar: 10 x 10 mm

Extension length: 40 mm

number of holes: 2 / 6 / 4

Hole: Ø4,7 / 5,5 / 5 mm

Dimension a	Dimension b	Dimension c	Dimension d	Dimension e	Dimension f	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: yellow galvanized, with attached staple									
406 mm	80 mm	160 mm	30 mm	26 mm	86 mm	5	Piece	0,850	**123154**



Tower drop bolt

adjustable extension length

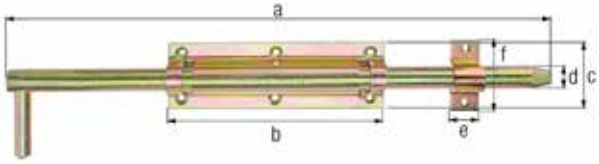
with countersunk screw holes

number of holes: 8 / 2

Hole: Ø6,5 / 5 mm

Dimension a	Dimension b	Dimension c	Dimension d	Dimension e	Dimension f	Extension length	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: yellow galvanized, with attached staple										
400 mm	90 mm	60 mm	Ø16 mm	30 mm	57 mm	50 - 105 mm	5	Piece	1,100	**128500**
600 mm	90 mm	60 mm	Ø16 mm	30 mm	57 mm	50 - 200 mm	5	Piece	1,440	**128517**

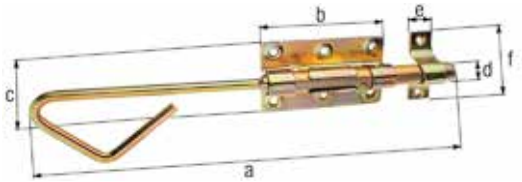
BOLTS



Tower drop bolt

with countersunk screw holes
number of holes: 8
Hole: Ø5 mm

Dimension a	Dimension b	Dimension c	Dimension d	Dimension e	Dimension f	Extension length	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: yellow galvanized, with attached staple										
400 mm	160 mm	52 mm	Ø18 mm	30 mm	57 mm	120 mm	5	Piece	1,200	**124656**
600 mm	160 mm	52 mm	Ø18 mm	30 mm	57 mm	320 mm	5	Piece	1,700	**124663**



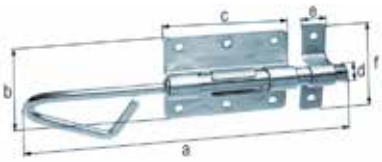
Tower drop bolt

with reinforced screw holes
Extension length: 50 mm

Dimension a	Dimension b	Dimension c	Dimension d	Dimension e	Dimension f	number of holes	Hole	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...	
Material: steel, surface: yellow galvanized, with attached staple												
320 mm	100 mm	60 mm	Ø16,0 mm	20 mm	58 mm	4 / 2 / 2	Ø4,0 / 5 / 5 x 5 mm	6	Piece	0,490	**129149**	
400 mm	100 mm	60 mm	Ø16,0 mm	20 mm	58 mm	4 / 2 / 2	Ø4,0 / 5 / 5 x 5 mm	6	Piece	0,530	**129156**	
600 mm	99 mm	60 mm	Ø16,0 mm	20 mm	58 mm	4 / 2 / 2	Ø4,3 / 5 / 5 x 5 mm	6	Piece	0,620	**129088**	
Material: stainless steel with attached staple												
320 mm	100 mm	65 mm	Ø15,5 mm	20 mm	60 mm	8	Ø4,3 mm	4	Piece	0,491	**327057**	VA

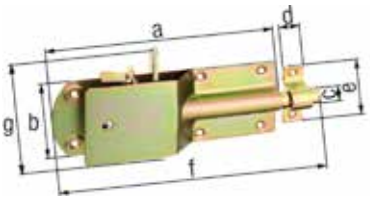
Tower drop bolt

number of holes: 8
Hole: Ø5 mm



Dimension a	Dimension b	Dimension c	Dimension d	Dimension e	Dimension f	Extension length	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, Surface: blue galvanized, with attached staple										
218 mm	80 mm	58 mm	Ø12 mm	16 mm	60 mm	39 mm	10	Piece	0,207	**137229**
300 mm	88 mm	67 mm	Ø14 mm	20 mm	60 mm	47 mm	10	Piece	0,309	**137243**
404 mm	88 mm	67 mm	Ø14 mm	20 mm	60 mm	47 mm	10	Piece	0,376	**137250**
493 mm	100 mm	66 mm	Ø16 mm	20 mm	60 mm	47 mm	10	Piece	0,461	**137274**
Material: steel, surface: cataphoretic black painting with attached staple										
218 mm	80 mm	58 mm	Ø12 mm	16 mm	60 mm	39 mm	10	Piece	0,200	**137113**
300 mm	88 mm	67 mm	Ø14 mm	20 mm	60 mm	47 mm	10	Piece	0,350	**137151**
404 mm	88 mm	67 mm	Ø14 mm	20 mm	60 mm	47 mm	10	Piece	0,425	**137168**
493 mm	100 mm	66 mm	Ø16 mm	20 mm	60 mm	47 mm	10	Piece	0,520	**137199**

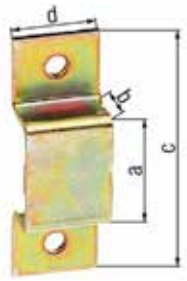
BOLTS



Security barn padlock bolt

with broad, flat handle
completely hidden catch
Extension length: 50 mm
number of holes: 6 / 2
Hole: Ø5,5 / 5 mm

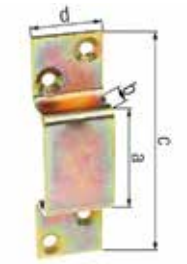
Dimension a	Dimension b	Dimension c	Dimension d	Dimension e	Dimension f	Dimension g	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: yellow galvanized, with attached staple										
200 mm	70 mm	Ø15 mm	20 mm	57 mm	250 mm	125 mm	5	Piece	0,785	**124182**



Staple

number of holes: 2

Dimension a	Dimension b	Dimension c	Dimension d	Hole	PU	Sales unit	Pieces per sale unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: yellow galvanized									
7 mm	5 mm	25 mm	8 mm	Ø3,0 mm	25	Piece	-	0,002	**132705**
12 mm	6 mm	30 mm	10 mm	Ø3,4 mm	100	Piece	-	0,003	**122072**
15 mm	7 mm	38 mm	13 mm	Ø3,0 mm	25	Piece	-	0,005	**132903**
15 mm	7 mm	38 mm	13 mm	Ø3,0 mm	100	Piece	-	0,005	**122089**
15 mm	7 mm	38 mm	13 mm	Ø3,0 mm	10	Blister	4 pc.	0,046	**901905**
20 mm	9 mm	44 mm	13 mm	Ø4,2 mm	10	Blister	4 pc.	0,052	**901912**
25 mm	12 mm	55 mm	16 mm	Ø4,8 mm	10	Blister	2 pc.	0,056	**901929**
29 mm	14 mm	73 mm	20 mm	Ø4,2 mm	10	Blister	2 pc.	0,075	**901936**
Material: steel, surface: yellow galvanized, with countersunk screw holes									
20 mm	9 mm	44 mm	13 mm	Ø4,2 mm	25	Piece	-	0,008	**122171**
20 mm	9 mm	44 mm	13 mm	Ø4,2 mm	100	Piece	-	0,008	**122294**
25 mm	12 mm	55 mm	16 mm	Ø4,8 mm	25	Piece	-	0,013	**122188**
25 mm	12 mm	55 mm	16 mm	Ø4,8 mm	100	Piece	-	0,013	**122300**
29 mm	14 mm	73 mm	20 mm	Ø4,2 mm	10	Piece	-	0,025	**122195**
29 mm	14 mm	73 mm	20 mm	Ø4,2 mm	50	Piece	-	0,025	**122119**



Staple

with countersunk screw holes
number of holes: 4
Hole: Ø4,8 mm

Dimension a	Dimension b	Dimension c	Dimension d	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: yellow galvanized							
34 mm	15,5 mm	90 mm	25 mm	50	Piece	0,053	**128616**

Staple

Dimension a	Dimension b	Dimension c	Dimension d	number of holes	Hole	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, Surface: blue galvanized									
12 mm	17 mm	46 mm	16 mm	2	Ø3,5 mm	20	Piece	0,008	**137380**
15 mm	18 mm	65 mm	19 mm	2	Ø5 mm	20	Piece	0,016	**137397**
18 mm	23 mm	77 mm	23 mm	4	Ø5 mm	20	Piece	0,023	**137403**
Material: steel, surface: yellow galvanized, black powder coated									
12 mm	17 mm	46 mm	16 mm	2	Ø3,5 mm	20	Piece	0,008	**137359**
15 mm	18 mm	65 mm	19 mm	2	Ø5 mm	20	Piece	0,016	**137366**
18 mm	23 mm	77 mm	23 mm	4	Ø5 mm	20	Piece	0,022	**137373**

BOLTS

Staple

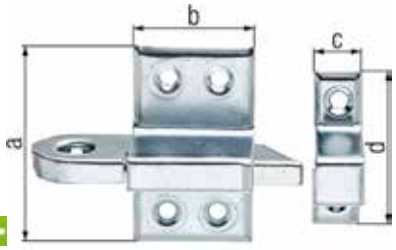
number of holes: 2

Dimension a	Dimension b	Dimension c	Dimension d	Hole	PU	Sales unit	Pieces per sale unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: yellow galvanized, with countersunk screw holes									
9 mm	12 mm	37 mm	10 mm	Ø3,8 mm	50	Piece	-	0,008	**133566**
13 mm	16 mm	52 mm	13 mm	Ø4,2 mm	6	Blister	4 pc.	0,058	**901851**
13 mm	16 mm	52 mm	13 mm	Ø4,2 mm	50	Piece	-	0,009	**133573**
18 mm	23 mm	58 mm	20 mm	Ø5,0 mm	25	Piece	-	0,028	**133580**
18 mm	24 mm	58 mm	20 mm	Ø5,0 mm	5	Blister	2 pc.	0,085	**901868**

Fanlight catch

number of holes: 6

Hole: Ø4,2 mm



Dimension a	Dimension b	Dimension c	Dimension d	PU	Sales unit	Pieces per sale unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, Surface: blue galvanized, with unattached staple								
52 mm	30 mm	13 mm	40 mm	5	Blister	1 pc.	0,095	**903503**

Latch fastener

on plate

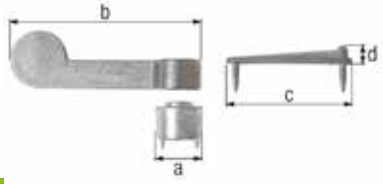
number of holes: 2

Hole: Ø4,5 mm

Dimension a	Dimension b	Dimension c	PU	Sales unit	Pieces per sale unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: yellow galvanized							
20 mm	45 mm	4,5 mm	20	Piece	-	0,042	**136000**
20 mm	45 mm	4,5 mm	5	Blister	1 pc.	0,071	**903602**

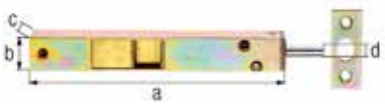
Latch fastener

with strike sheet and spacer



Dimension a	Dimension b	Dimension c	Dimension d	PU	Sales unit	Pieces per sale unit	Weight per UQ (kg)	Order no. 4004338...
Material: zinc die-casting								
Ø10 mm	60 mm	40,3 mm	5 mm	10	Blister	2 pc.	0,073	**903664**

FLUSH BOLTS FOR WINDOWS AND DOORS



Flush bolt
with slider

Dimension a	Dimension b	Dimension c	Dimension d	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: yellow galvanized, with locking plate							
100 mm	14 mm	11 mm	Ø5,5 mm	10	Piece	0,040	**126032**
120 mm	14 mm	11 mm	Ø5,5 mm	10	Piece	0,048	**126049**
160 mm	14 mm	11 mm	Ø5,5 mm	10	Piece	0,060	**126056**
160 mm	17 mm	12 mm	Ø7,5 mm	10	Piece	0,083	**126179**
200 mm	17 mm	12 mm	Ø7,5 mm	10	Piece	0,112	**126186**
250 mm	17 mm	12 mm	Ø7,5 mm	10	Piece	0,165	**126193**
Material: steel, surface: limba colour hammertone painted, with locking plate							
100 mm	14 mm	11 mm	Ø5,5 mm	10	Piece	0,044	**126063**
120 mm	14 mm	11 mm	Ø5,5 mm	10	Piece	0,055	**126070**
160 mm	14 mm	11 mm	Ø5,5 mm	10	Piece	0,075	**126087**
160 mm	17 mm	12 mm	Ø7,5 mm	10	Piece	0,085	**126100**
200 mm	17 mm	12 mm	Ø7,5 mm	10	Piece	0,110	**126117**
250 mm	17 mm	12 mm	Ø7,5 mm	10	Piece	0,160	**126124**
Material: steel, surface: silver painted, with locking plate							
160 mm	17 mm	12 mm	Ø7,5 mm	10	Piece	0,085	**126131**
200 mm	17 mm	12 mm	Ø7,5 mm	10	Piece	0,110	**126148**
250 mm	17 mm	12 mm	Ø7,5 mm	10	Piece	0,165	**126155**

Flush bolt
with lever

Dimension a	Dimension b	Dimension c	Dimension d	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: yellow galvanized, with locking plate							
200 mm	17 mm	15 mm	Ø7,5 mm	10	Piece	0,155	**126261**
220 mm	20 mm	15 mm	Ø10,0 mm	10	Piece	0,150	**126384**
250 mm	17 mm	15 mm	Ø7,5 mm	10	Piece	0,175	**126278**
250 mm	20 mm	15 mm	Ø10,0 mm	10	Piece	0,210	**126391**
400 mm	17 mm	15 mm	Ø7,5 mm	10	Piece	0,295	**126285**
400 mm	20 mm	15 mm	Ø10,0 mm	10	Piece	0,340	**126407**
Material: steel, surface: limba colour hammertone painted, with locking plate							
200 mm	17 mm	15 mm	Ø7,5 mm	10	Piece	0,154	**126209**
220 mm	20 mm	15 mm	Ø10,0 mm	10	Piece	0,150	**126322**
250 mm	17 mm	15 mm	Ø7,5 mm	10	Piece	0,185	**126216**
250 mm	20 mm	15 mm	Ø10,0 mm	10	Piece	0,184	**126339**
400 mm	17 mm	15 mm	Ø7,5 mm	10	Piece	0,300	**126223**
400 mm	20 mm	15 mm	Ø10,0 mm	10	Piece	0,280	**126346**
Material: steel, surface: silver painted, with locking plate							
200 mm	17 mm	15 mm	Ø7,5 mm	10	Piece	0,154	**126230**
220 mm	20 mm	15 mm	Ø10,0 mm	10	Piece	0,150	**126353**
250 mm	17 mm	15 mm	Ø7,5 mm	10	Piece	0,185	**126247**
250 mm	20 mm	15 mm	Ø10,0 mm	10	Piece	0,184	**126360**
400 mm	17 mm	15 mm	Ø7,5 mm	10	Piece	0,270	**126254**
400 mm	20 mm	15 mm	Ø10,0 mm	10	Piece	0,280	**126377**
Material: steel, surface: nickel-plated, polished surface, with locking plate							
200 mm	17 mm	15 mm	Ø7,5 mm	10	Piece	0,153	**126292**
250 mm	17 mm	15 mm	Ø7,5 mm	10	Piece	0,185	**126308**
400 mm	17 mm	15 mm	Ø7,5 mm	10	Piece	0,273	**126315**

FLUSH BOLTS FOR WINDOWS AND DOORS

Flush bolt
with lever

Extension length: 15 mm
number of holes: 2
Hole: Ø3,5 mm

Dimension a	Dimension b	Dimension c	Dimension d	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: yellow galvanized, with locking plate							
200 mm	16 mm	13 mm	Ø8 mm	12	Piece	0,092	**111762**
Material: steel, surface: browned, with locking plate							
200 mm	16 mm	13 mm	Ø8 mm	12	Piece	0,092	**111779**

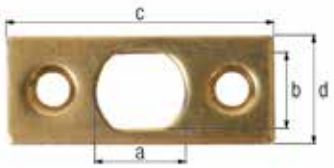
Door flush bolt
with lever type „Basquil“

with brass-plated lever and drawn guide bushing
number of holes: 2
Hole: Ø5 mm

Dimension a	Dimension b	Dimension c	Dimension d	Dimension e	Dimension f	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: nickel-plated, with locking plate									
200 mm	23 mm	35 mm	Ø9 mm	16 mm	40,5 mm	10	Piece	0,150	**121365**
250 mm	23 mm	35 mm	Ø9 mm	16 mm	40,5 mm	10	Piece	0,175	**121372**

Locking plate
for flush bolts

with countersunk screw holes
number of holes: 2
Hole: Ø5 mm



Dimension a	Dimension b	Dimension c	Dimension d	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: yellow galvanized							
13 mm	11 mm	40,5 mm	16 mm	25	Piece	0,007	**132408**

Spring bushing
for bolt with round bar

Dimension a	Dimension b	Dimension c	Dimension d	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: brass, for countersinking							
Ø10 mm	Ø20 mm	Ø14 mm	28,0 mm	20	Piece	0,015	**121501**
Ø18 mm	Ø30 mm	Ø22 mm	29,5 mm	20	Piece	0,037	**121518**

TIMBER CONNECTORS

The matching connection for every design

Advantages

- Comprehensive product line with over 300 items
- Compliant with Building Products Regulation 305/2011
- European technical approvals and these declarations
- Characteristic supporting frameworks for static wooden structures

With more than 300 items GAH offers a comprehensive product line of timber connectors for timber work.

Depending on which timber connector is used, connections between wood-wood, wood-concrete or wood-steel can be realised. The timber connectors are connected with the help of screws or anchor nails in the wood or with pins and metal dowels in concrete or steel.

For statically relevant wooden structures the timber connectors have European technical approvals which contain characteristic supporting frameworks for the connectors and provide information about professional installation.

Through galvanising the timber connector obtain good protection against the influence of weather.

For statically compatible timber connectors

More transparency and safety for you – from GAH!

With the CE label you enjoy a significant plus on transparency and safety when purchasing and using our timber connectors and post supports. Since the timber connectors relevant to static structures have European technical approval. With it we offer the standard of the German building component supplier sector.

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- CE-labelled products as ever have all the excellent GAH product properties! And also offer dealers and users a significant plus on transparency when it comes to quality and safety.
- Focus on what's important: Your construction tasks. We take care of the rest according to the CE requirements. That is, load capacity, safety, durability and the compliance with applicable regulations such as ISO 9001 certification!
- We will do everything for you to be successful! Provide our expertise and our experience so that you install products with excellent properties. As a company we are responsible for this with our certifications and quality requirements.

Basic objectives

Behind the CE label is a whole range of basic objectives and a significant plus on transparency and product safety. Only those products that meet all the objectives and requirements may bear the CE label.

The CE label and the 6 requirements of Building Products Regulation 305/2011:

- Mechanical stability and stability under load
- Fire prevention
- Hygiene, health and environmental protection
- Safety in use
- Noise protection
- Energy savings and thermal protection

- The CE label guarantees the free trade of the product
- The CE label means unrestricted competition

The requirements for the manufacturer:

- Proof that its products conform to guidelines
- Availability of a production monitoring system
- Drawing up of a declaration of performance

Stahl

CE label

Time for new quality

- The CE label is a promise of the fulfillment of common objectives with commerce and handicraft
- As well as a guarantee of more transparency and safety

And so all our timber connectors and post supports for static designs fulfill the CE label.

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LEISTUNGSERKLÄRUNG

gem. Verordnung (EU) 305/2011 · Nr. GAH 6009

GAH ALBERTS
Ideen für Haus und Garten

1 ETA 08/0171
GAH Balkenschuhe Typ A 1,5 mm und 2 mm und Typ B

2 **Balkenschuhe Typ A 2,0 mm Bauformen 260 mm, 320 mm, 380 mm, 440 mm, 500 mm**
Balkenschuhe Typ A 1,5 mm Bauformen 260 mm, 320 mm, 380 mm
Balkenschuhe Typ B 2,0 mm Bauformen 238 mm, 260 mm, 320 mm B1, 320 mm, 380 mm, 440 mm, 500 mm
Die Balkenschuhe sind mit Herstellerzeichen, CE und der Nummer des Karlsruher Instituts für Technologie gekennzeichnet. Alle weiteren Angaben, wie das Fertigungsdatum sind auf dem Verpackungsetikett angegeben.

3 Die Balkenschuhe sind für die Verbindung von tragenden Holzbauteilen bestimmt, wie eine Verbindung zwischen Holz/Holz, Holz/Beton oder Holz/Stahl, Typ B ist nur für Holz/Holz Verbindungen.

4 Gust. Alberts GmbH & Co. KG
Gewerbegebiet Grünenthal
58849 Herscheid

5 entfällt

6 System der Leistungsbeständigkeit: 2+

7 entfällt

8 Das Karlsruher Institut für Technologie (KIT), NB-Nr. 0769, hat die Erstinspektion des Werkes und der werkseigenen Produktionskontrolle sowie die laufende Überwachung, Bewertung und Evaluierung der werkseigenen Produktionskontrolle nach dem System 2+ vorgenommen und folgendes ausgestellt: Bescheinigung der Konformität zur werkseigenen Produktionskontrolle, Nr. 0769-CPD-6009.

9 **Erklärte Leistung**

Wesentliche Merkmale	Leistung	Harmonisierte techn. Spezifikation	
Charakteristische Tragfähigkeit	siehe Anhang B der ETA 08/0171		
Steifigkeit	Keine Leistung festgelegt		
Duktilität	Keine Leistung festgelegt		
Sicherheit beim Brandfall Brandverhalten	Die Balkenschuhe sind aus Stahl gefertigt, klassifiziert als Euroklasse A1 nach EN 1350-1	EN 1350-1	ETA 08/0171 ETAG 015 Dreidimensionale Nagelplatten
Hygiene, Gesundheit und Umweltschutz	Keine Gefahrstoffe enthalten		
Dauerhaftigkeit und Gebrauchstauglichkeit	Die Balkenschuhe sind mit zufriedenstellender Dauerhaftig- und Gebrauchstauglichkeit bewertet, wenn sie wenn sie in Holzkonstruktionen mit Holzarten die in Eurocode 5 beschrieben sind, verwendet werden und unterliegen den Bedingungen der Serviceklassen 1 und 2, rostfreie Edelstähle Serviceklasse 3.		
Identifizierung	siehe Anhang A der ETA 08/0171		

10 **Die Leistung des Produkts gemäß den Nummern 1 und 2 entspricht der erklärten Leistung nach Nummer 9. Verantwortlich für die Erstellung dieser Leistungserklärung ist allein der Hersteller gemäß Nummer 4. Unterzeichnet für den Hersteller und im Namen des Herstellers von:**

Peter Feldmann	**Leiter Qualitätsmanagement**
Name	Funktion
Herscheid, den 22. Mai 2014	**i.A.**
Ort / Datum der Ausstellung	Unterschrift

LEISTUNGSERKLÄRUNG

gem. Verordnung (EU) 305/2011 · Nr. GAH 6091

GAH ALBERTS
Ideen für Haus und Garten

1 ETA 12/0584
GAH Gerberverbinder

2 **Typ 8659 in den Längen 120, 140, 160, 180, 200, 220, 240, 260, 280, 300, 320, 340, 360**
Die Gerberverbinder sind mit Herstellerzeichen, CE und der Nummer des Karlsruher Instituts für Technologie gekennzeichnet. Alle weiteren Angaben, wie das Fertigungsdatum sind auf dem Verpackungsetikett angegeben.

3 Die Gerberverbinder sind für die Verbindung von tragenden Holz-/Holzbauteilen bestimmt, wie eine Verbindung zwischen zwei Pfetten.

4 Gust. Alberts GmbH & Co. KG
Gewerbegebiet Grünenthal
58849 Herscheid

5 entfällt

6 System der Leistungsbeständigkeit: 2+

7 entfällt

8 Das Karlsruher Institut für Technologie (KIT), NB-Nr. 0769, hat die Erstinspektion des Werkes und der werkseigenen Produktionskontrolle sowie die laufende Überwachung, Bewertung und Evaluierung der werkseigenen Produktionskontrolle nach dem System 2+ vorgenommen und folgendes ausgestellt: Bescheinigung der Konformität zur werkseigenen Produktionskontrolle, Nr. 0769-CPD-6091.

9 **Erklärte Leistung**

Wesentliche Merkmale	Leistung	Harmonisierte techn. Spezifikation
Charakteristische Tragfähigkeit	siehe Anhang B der ETA 12/0584	
Steifigkeit	Keine Leistung festgelegt	ETA 12/0584 ETAG 015 Dreidimensionale Nagelplatten
Duktilität	Keine Leistung festgelegt	
Sicherheit beim Brandfall Brandverhalten	Die Gerberverbinder sind aus Stahl gefertigt, klassifiziert als Euroklasse A1 nach EN 1350-1	EN 1350-1
Hygiene, Gesundheit und Umweltschutz	Keine Gefahrstoffe enthalten	
Dauerhaftigkeit und Gebrauchstauglichkeit	Die Gerberverbinder sind mit zufriedenstellender Dauerhaftig- und Gebrauchstauglichkeit bewertet, wenn sie in Holzkonstruktionen mit Holzarten die in Eurocode 5 beschrieben sind verwendet werden und unterliegen den Bedingungen der Serviceklassen 1 und 2, rostfreie Edelstähle Serviceklasse 3.	
Identifizierung	siehe Anhang A der ETA 12/0584	

10 **Die Leistung des Produkts gemäß den Nummern 1 und 2 entspricht der erklärten Leistung nach Nummer 9. Verantwortlich für die Erstellung dieser Leistungserklärung ist allein der Hersteller gemäß Nummer 4. Unterzeichnet für den Hersteller und im Namen des Herstellers von:**

Peter Feldmann	**Leiter Qualitätsmanagement**
Name	Funktion
Herscheid, den 31. Juli 2013	**i.A.**
Ort / Datum der Ausstellung	Unterschrift

LEISTUNGSERKLÄRUNG

gem. Verordnung (EU) 305/2011 · Nr. GAH 6007

GAH ALBERTS
Ideen für Haus und Garten

1 ETA 08/0165
GAH Winkelverbinder

2 **Typ Nr.:**
8612, 8613, 8614, 8615, 8617, 8620, 8621, 8623, 8624, 8625, 8625 FH, 8626, 8626 FH, 8627, 8632 FH, 8633 FH, 8634, 8635, 8636, 8637, 8638, 8640, 8641, 8644, 8645, 8622, 8628, 8629, 8632, 8633, 8654, 8655, 8791, 8792, 8793, 8794.
Die Winkelverbinder sind mit Herstellerzeichen, CE und der Nummer des Karlsruher Instituts für Technologie gekennzeichnet. Alle weiteren Angaben, wie das Fertigungsdatum sind auf dem Verpackungsetikett angegeben.

3 Die Winkelverbinder sind für die Verbindung von tragenden Holzbauteilen bestimmt, wie eine Verbindung zwischen einem Holzträger und einer Pfette.

4 Gust. Alberts GmbH & Co. KG
Gewerbegebiet Grünenthal
58849 Herscheid

5 entfällt

6 System der Leistungsbeständigkeit: 2+

7 entfällt

8 Das Karlsruher Institut für Technologie (KIT), NB-Nr. 0769, hat die Erstinspektion des Werkes und der werkseigenen Produktionskontrolle sowie die laufende Überwachung, Bewertung und Evaluierung der werkseigenen Produktionskontrolle nach dem System 2+ vorgenommen und folgendes ausgestellt: Bescheinigung der Konformität zur werkseigenen Produktionskontrolle, Nr. 0769-CPD-6007.

9 **Erklärte Leistung**

Wesentliche Merkmale	Leistung	Harmonisierte techn. Spezifikation	
Charakteristische Tragfähigkeit	siehe Anhang B der ETA 08/0165		
Steifigkeit	Keine Leistung festgelegt		ETA 08/0165 ETAG 015 Dreidimensionale Nagelplatten
Duktilität	Keine Leistung festgelegt		
Sicherheit beim Brandfall Brandverhalten	Die Winkelverbinder sind aus Stahl gefertigt, klassifiziert als Euroklasse A1 nach EN 1350-1	EN 1350-1	
Hygiene, Gesundheit und Umweltschutz	Keine Gefahrstoffe enthalten		
Dauerhaftigkeit und Gebrauchstauglichkeit	Die Winkelverbinder sind mit zufriedenstellender Dauerhaftig- und Gebrauchstauglichkeit bewertet, wenn sie in Holzkonstruktionen mit Holzarten die in Eurocode 5 beschrieben sind, verwendet werden und unterliegen den Bedingungen der Serviceklassen 1 und 2, rostfreie Edelstähle Serviceklasse 3.		
Nachhaltiger Gebrauch natürlicher Ressourcen	keine Leistung festgelegt		
Identifizierung	siehe Anhang A der ETA 08/0165		

10 **Die Leistung des Produkts gemäß den Nummern 1 und 2 entspricht der erklärten Leistung nach Nummer 9. Verantwortlich für die Erstellung dieser Leistungserklärung ist allein der Hersteller gemäß Nummer 4. Unterzeichnet für den Hersteller und im Namen des Herstellers von:**

Peter Feldmann	**Leiter Qualitätsmanagement**
Name	Funktion
Herscheid, den 15. Oktober 2014	**i.A.**
Ort / Datum der Ausstellung	Unterschrift

LEISTUNGSERKLÄRUNG

gem. Verordnung (EU) 305/2011 · Nr. GAH 6008

GAH ALBERTS
Ideen für Haus und Garten

1 ETA 08/0170
GAH Sparrenpfettenanker

2 **Typ Nr.: 8646/ 8647 170 rechts/links, 8648/ 8649 210 rechts/links**
8650/ 8651 250 rechts/links
Die Sparrenpfettenanker sind mit Herstellerzeichen, CE und der Nummer des Karlsruher Instituts für Technologie gekennzeichnet. Alle weiteren Angaben, wie das Fertigungsdatum sind auf dem Verpackungsetikett angegeben.

3 Die Sparrenpfettenanker sind für die Verbindung von tragenden Holzbauteilen bestimmt, wie eine Verbindung zwischen einem Holzbalken und einer Pfette.

4 Gust. Alberts GmbH & Co. KG
Gewerbegebiet Grünenthal
58849 Herscheid

5 entfällt

6 System der Leistungsbeständigkeit: 2+

7 entfällt

8 Das Karlsruher Institut für Technologie (KIT), NB-Nr. 0769, hat die Erstinspektion des Werkes und der werkseigenen Produktionskontrolle sowie die laufende Überwachung, Bewertung und Evaluierung der werkseigenen Produktionskontrolle nach dem System 2+ vorgenommen und folgendes ausgestellt: Bescheinigung der Konformität zur werkseigenen Produktionskontrolle, Nr. 0769-CPD-6008.

9 **Erklärte Leistung**

Wesentliche Merkmale	Leistung	Harmonisierte techn. Spezifikation
Charakteristische Tragfähigkeit	siehe Anhang B der ETA 08/0170	
Steifigkeit	Keine Leistung festgelegt	ETA 08/0170 ETAG 015 Dreidimensionale Nagelplatten
Duktilität	Keine Leistung festgelegt	
Sicherheit beim Brandfall Brandverhalten	Die Sparrenpfettenanker sind aus Stahl gefertigt, klassifiziert als Euroklasse A1 nach EN 1350-1	EN 1350-1
Hygiene, Gesundheit und Umweltschutz	Keine Gefahrstoffe enthalten	
Dauerhaftigkeit und Gebrauchstauglichkeit	Die Sparrenpfettenanker sind mit zufriedenstellender Dauerhaftig- und Gebrauchstauglichkeit bewertet, wenn sie in Holzkonstruktionen mit Holzarten die in Eurocode 5 beschrieben sind, verwendet werden und unterliegen den Bedingungen der Serviceklassen 1 und 2, rostfreie Edelstähle Serviceklasse 3.	
Identifizierung	siehe Anhang A der ETA 08/0170	

10 **Die Leistung des Produkts gemäß den Nummern 1 und 2 entspricht der erklärten Leistung nach Nummer 9. Verantwortlich für die Erstellung dieser Leistungserklärung ist allein der Hersteller gemäß Nummer 4. Unterzeichnet für den Hersteller und im Namen des Herstellers von:**

Peter Feldmann	**Leiter Qualitätsmanagement**
Name	Funktion
Herscheid, den 31. Juli 2013	**i.A.**
Ort / Datum der Ausstellung	Unterschrift

LEISTUNGSERKLÄRUNG

gem. Verordnung (EU) 305/2011 · Nr. GAH 6054

GAH ALBERTS
Ideen für Haus und Garten

1 DIN EN14545:2009-2
GAH Lochbleche

2 Typ 8600, 8602, 8604, 8605, 8606, 8609, 8610, 8611, 8640, 8642, 8719, 8719 LO, 8720, 8720 LO, 8721, 8721 LO, 8740, 8741, 8744, 8745, 8746, 8747, 8748, 8750, 8752
Die Lochbleche sind mit Herstellerzeichen, CE und der Nummer des Karlsruher Instituts für Technologie gekennzeichnet. Alle weiteren Angaben, wie das Fertigungsdatum sind auf dem Verpackungsetikett angegeben.

0769
CE
GAH

3 Die Lochbleche sind für die Verbindung von tragenden Holzbauteilen bestimmt, in den Blechstärken 2,0mm, 2,5mm und 3mm

4 Gust. Alberts GmbH & Co. KG
Gewerbegebiet Grünenthal
58849 Herscheid

5 entfällt

6 System der Leistungsbeständigkeit: 2+

7 entfällt

8 Das Karlsruher Institut für Technologie (KIT), NB-Nr. 0769, hat die Erstinspektion des Werkes und der werkseigenen Produktionskontrolle sowie die laufende Überwachung, Bewertung und Evaluierung der werkseigenen Produktionskontrolle nach dem System 2+ vorgenommen und folgendes ausgestellt: Bescheinigung der Konformität zur werkseigenen Produktionskontrolle, Nr. 0769-CPD-6054.

9 **Erklärte Leistung**

Wesentliche Merkmale	Leistung	Harmonisierte techn. Spezifikation
Charakteristische Tragfähigkeit	DIN EN 14545:2009-02 6.3.1	EN 1995 1.1
Sicherheit beim Brandfall Brandverhalten	Die Lochbleche sind aus Stahl gefertigt, klassifiziert als Euroklasse A1 nach EN 1350-1	EN 1350-1
Stahlgüte	DX 51D Z 275 1.4016, 1.4301, 1.4401, 1.4541, 1.4571	EN 10346: 2009 EN 10088-2:2005
mechanische Werte	$R_{eH} \geq 250MPa$, $R_m \geq 270MPa$, $A_0 \geq 22\%$	
Korrosionsschutz	Nutzungsklasse 1/2/3	EN 1995:2013
Dauerhaftigkeit und Gebrauchstauglichkeit	Die Lochbleche entsprechen der DIN EN 14545: 2009-2 , für die Verwendung in Holzkonstruktionen mit Holzarten die in Eurocode 5 beschrieben sind und unterliegen den Bedingungen der Serviceklassen 1 und 2, rostfreie Edelstähle Serviceklasse 3.	

DIN EN 14545: 2009-2

10 Die Leistung des Produkts gemäß den Nummern 1 und 2 entspricht der erklärten Leistung nach Nummer 9. Verantwortlich für die Erstellung dieser Leistungserklärung ist allein der Hersteller gemäß Nummer 4. Unterzeichnet für den Hersteller und im Namen des Herstellers von:

Peter Feldmann	**Leiter Qualitätssicherung**
Name	Funktion
Herscheid, den 31. Juli 2013	**i.A.**
Ort / Datum der Ausstellung	Unterschrift

NOTES

TIMBER CONNECTORS

Heavy-duty angle bracket
reinforced

	Dimension a	Dimension b	Dimension c	material thickness	number of holes	Hole	PU	Sales unit	Pieces per sale unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: sendzimir galvanized, with CE marking according to ETA 080165											
CE	90 mm	50 mm	50 mm	2,5 mm	3 / 10	Ø13 / 5 mm	50	Piece	-	0,118	**334666**
CE GP	90 mm	50 mm	50 mm	2,5 mm	3 / 10	Ø13 / 5 mm	1	Cardboard Box	50 pc.	5,900	**333492**
CE	70 mm	70 mm	55 mm	2,5 mm	2 / 16	Ø11 / 5 mm	50	Piece	-	0,152	**330354**
CE GP	70 mm	70 mm	55 mm	2,5 mm	2 / 16	Ø11 / 5 mm	4	Package	12 pc.	1,582	**330330**
CE GP	70 mm	70 mm	55 mm	2,5 mm	2 / 16	Ø11 / 5 mm	1	Cardboard Box	50 pc.	6,800	**333461**
CE	90 mm	90 mm	65 mm	2,5 mm	4 / 18	Ø11 / 5 mm	25	Piece	-	0,200	**330552**
CE GP	90 mm	90 mm	65 mm	2,5 mm	4 / 18	Ø11 / 5 mm	4	Package	12 pc.	2,400	**330514**
CE GP	90 mm	90 mm	65 mm	2,5 mm	4 / 18	Ø11 / 5 mm	1	Cardboard Box	25 pc.	5,000	**333478**
CE	90 mm	50 mm	80 mm	2,5 mm	5 / 16	Ø13 / 5 mm	50	Piece	-	0,186	**334659**
CE	105 mm	105 mm	90 mm	3,0 mm	4 / 22	Ø13 / 5 mm	25	Piece	-	0,397	**330606**
CE GP	105 mm	105 mm	90 mm	3,0 mm	4 / 22	Ø13 / 5 mm	2	Package	12 pc.	4,764	**330521**
CE GP	105 mm	105 mm	90 mm	3,0 mm	4 / 22	Ø13 / 5 mm	1	Cardboard Box	25 pc.	9,925	**333485**
Material: steel, surface: galvanized, white powder coated, with CE marking according to ETA 080165											
CE	70 mm	70 mm	55 mm	2,5 mm	2 / 16	Ø11 / 5 mm	50	Piece	-	0,141	**330378**
CE	90 mm	90 mm	65 mm	2,5 mm	2 / 24	Ø11 / 5 mm	25	Piece	-	0,195	**330576**
Material: stainless steel											
VA	70 mm	70 mm	55 mm	2,0 mm	2 / 16	Ø11 / 5 mm	25	Piece	-	0,136	**335212**
VA	90 mm	90 mm	65 mm	2,0 mm	2 / 10 / 14	Ø11 / 7,5 / 5 mm	10	Piece	-	0,205	**335250**
VA	105 mm	105 mm	90 mm	2,5 mm	2 / 28	Ø14 / 7,5 mm	25	Piece	-	0,312	**335267**

Heavy-duty angle bracket
reinforced

material thickness: 2 mm
number of holes: 2 / 13
Hole: Ø11 x 22 / 5 mm

	Dimension a	Dimension b	Dimension c	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: sendzimir galvanized, with CE marking according to ETA 080165							
CE	50 mm	77 mm	64 mm	50	Piece	0,125	**335717**

Heavy-duty angle bracket
reinforced

material thickness: 2,5 mm
number of holes: 1 / 3 / 28
Hole: Ø11 x 33 / 11 / 5 mm

	Dimension a	Dimension b	Dimension c	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: sendzimir galvanized, with CE marking according to ETA 080165							
CE	150 mm	150 mm	65 mm	25	Piece	0,380	**335724**

Angle bracket
reinforced
with fixing claw for driving in

material thickness: 2 mm

- Angle bracket with extended claw fastener that holds the connecter securely to the wood after being driven in and thereby allows the unit to be screwed together easily.

Dimension a	Dimension b	Dimension c	number of holes	Hole	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, sendzimir galvanized								
70 mm	70 mm	55 mm	2 / 16	Ø11 / 4,5 mm	25	Piece	0,109	**339807**
90 mm	90 mm	65 mm	2 / 10 / 14	Ø11 / 7,5 / 4,5 mm	25	Piece	0,130	**339814**

TIMBER CONNECTORS

Timber connector

material thickness: 4 mm
slotted hole: 13,5 x 24,5 mm

Dimension a	Dimension b	Dimension c	number of holes	Hole	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...	
Material: steel, surface: hot galvanized, with CE marking according to ETA 080214									
95 mm	85 mm	65 mm	1 / 13	11 / 5 mm	25	Piece	0,322	**330842**	CE
135 mm	85 mm	65 mm	11 / 18	11 / 5 mm	25	Piece	0,405	**330897**	CE
285 mm	85 mm	65 mm	1 / 30 / 3	11 / 5 / 3 mm	25	Piece	0,695	**330996**	CE

Angle bracket

Dimension a	Dimension b	Dimension c	material thickness	number of holes	Hole	PU	Sales unit	Pieces per sale unit	Weight per UQ (kg)	Order no. 4004338...	
Material: steel, sendzimir galvanized											
40 mm	40 mm	20 mm	2,0 mm	6	Ø5,0 mm	100	Piece	-	0,025	**330156**	
40 mm	40 mm	20 mm	2,0 mm	6	Ø5,0 mm	12	Package	25 pc.	0,605	**330187**	GP
40 mm	40 mm	40 mm	2,0 mm	8	Ø5,0 mm	50	Piece	-	0,048	**330200**	
40 mm	40 mm	40 mm	2,0 mm	8	Ø5,0 mm	6	Package	25 pc.	1,247	**330194**	GP
40 mm	40 mm	40 mm	2,0 mm	8	Ø5,0 mm	1	Cardboard Box	50 pc.	2,400	**333645**	GP
100 mm	100 mm	60 mm	2,5 mm	28	Ø5,0 mm	50	Piece	-	0,215	**353063**	
Material: steel, surface: sendzimir galvanized, with CE marking according to ETA 080165											
50 mm	50 mm	35 mm	2,5 mm	2 / 12	Ø11 / 5,0 mm	50	Piece	-	0,053	**330309**	CE
50 mm	50 mm	35 mm	2,5 mm	2 / 12	Ø11 / 5,0 mm	10	Package	6 pc.	0,318	**332334**	CE GP
50 mm	50 mm	35 mm	2,5 mm	2 / 12	Ø11 / 5,0 mm	6	Package	25 pc.	1,400	**330323**	CE GP
50 mm	50 mm	40 mm	2,0 mm	8	Ø5,0 mm	50	Piece	-	0,060	**330255**	CE
50 mm	50 mm	40 mm	2,0 mm	8	Ø5,0 mm	6	Package	25 pc.	1,567	**330316**	CE GP
50 mm	50 mm	40 mm	2,0 mm	8	Ø5,0 mm	1	Cardboard Box	50 pc.	3,000	**333515**	CE GP
80 mm	80 mm	40 mm	2,0 mm	12	Ø5,0 mm	50	Piece	-	0,085	**330644**	CE
90 mm	90 mm	40 mm	3,0 mm	4 / 16	Ø11 / 5,0 mm	50	Piece	-	0,150	**330408**	CE
90 mm	90 mm	40 mm	3,0 mm	4 / 16	Ø11 / 5,0 mm	10	Package	6 pc.	0,900	**332914**	CE GP
90 mm	90 mm	40 mm	3,0 mm	4 / 16	Ø11 / 5,0 mm	1	Cardboard Box	50 pc.	7,500	**333560**	CE GP
100 mm	100 mm	40 mm	2,0 mm	14	Ø5,0 mm	50	Piece	-	0,115	**353216**	CE
60 mm	60 mm	45 mm	2,5 mm	2 / 12	Ø11 / 5,0 mm	50	Piece	-	0,092	**330835**	CE
70 mm	70 mm	55 mm	2,5 mm	2 / 16	Ø11 / 5,0 mm	50	Piece	-	0,130	**339630**	CE
70 mm	70 mm	55 mm	2,5 mm	2 / 16	Ø11 / 5,0 mm	10	Package	6 pc.	0,780	**332938**	CE GP
70 mm	70 mm	55 mm	2,5 mm	2 / 16	Ø11 / 5,0 mm	1	Cardboard Box	50 pc.	6,500	**333546**	CE GP
40 mm	60 mm	60 mm	2,5 mm	2 / 13	Ø11 / 5,0 mm	10	Package	6 pc.	0,660	**332525**	CE GP
40 mm	60 mm	60 mm	2,5 mm	2 / 13	Ø11 / 5,0 mm	50	Piece	-	0,110	**334369**	CE
60 mm	80 mm	60 mm	2,5 mm	3 / 18	Ø11 / 5,0 mm	10	Package	6 pc.	0,960	**332976**	CE GP
60 mm	80 mm	60 mm	2,5 mm	3 / 18	Ø11 / 5,0 mm	50	Piece	-	0,160	**334352**	CE
100 mm	60 mm	60 mm	2,5 mm	3 / 21	Ø11 / 5,0 mm	50	Piece	-	0,167	**330149**	CE
90 mm	90 mm	65 mm	2,5 mm	5 / 17	Ø11 / 5,0 mm	25	Piece	-	0,202	**330453**	CE
90 mm	90 mm	65 mm	2,5 mm	5 / 17	Ø11 / 5,0 mm	10	Package	6 pc.	1,212	**333614**	CE GP
90 mm	90 mm	65 mm	2,5 mm	5 / 17	Ø11 / 5,0 mm	1	Cardboard Box	25 pc.	5,050	**333522**	CE GP
105 mm	105 mm	90 mm	3,0 mm	4 / 24	Ø13 / 5,0 mm	25	Piece	-	0,402	**330507**	CE
105 mm	105 mm	90 mm	3,0 mm	4 / 24	Ø13 / 5,0 mm	1	Cardboard Box	25 pc.	10,050	**333577**	CE GP
Material: steel, surface: galvanized and white powder coated											
40 mm	40 mm	40 mm	2,0 mm	8	Ø5,0 mm	50	Piece	-	0,048	**330224**	
Material: steel, surface: galvanized, white plastic coated, with CE marking according to ETA 080165											
50 mm	50 mm	40 mm	2,0 mm	8	Ø5,0 mm	50	Piece	-	0,060	**330286**	CE
Material: stainless steel											
50 mm	50 mm	35 mm	2,0 mm	2 / 12	Ø11 / 4,5 mm	20	Piece	-	0,046	**327156**	VA
40 mm	40 mm	40 mm	2,0 mm	8	Ø4,5 mm	25	Piece	-	0,054	**361020**	VA
50 mm	50 mm	40 mm	2,0 mm	8	Ø5,0 mm	50	Piece	-	0,064	**335205**	VA

TIMBER CONNECTORS

Angle bracket
continued from page 47

	Dimension a	Dimension b	Dimension c	material thickness	number of holes	Hole	PU	Sales unit	Pieces per sale unit	Weight per UQ (kg)	Order no. 4004338...
VA	70 mm	70 mm	55 mm	2,0 mm	2 / 16	Ø11 / 5,0 mm	20	Piece	-	0,109	**327149**

Angle bracket

for corner joints
material thickness: 2 mm
number of holes: 16
Hole: Ø5 mm

Dimension a	Dimension b	Dimension c	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, sendzimir galvanized						
40 mm	40 mm	100 mm	25	Piece	0,120	**335755**

Angle bracket
angled at 135°

Hole: Ø11 / 5 mm

Dimension a	Dimension b	Dimension c	material thickness	number of holes	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, sendzimir galvanized								
50 mm	50 mm	35 mm	2,5 mm	2 / 12	50	Piece	0,068	**335502**
90 mm	90 mm	40 mm	3,0 mm	4 / 16	50	Piece	0,137	**335557**
90 mm	90 mm	65 mm	2,5 mm	2 / 24	25	Piece	0,198	**335601**

Perforated angle plate

Hole: Ø5 mm

	Dimension a	Dimension b	Dimension c	material thickness	number of holes	PU	Sales unit	Pieces per sale unit	Weight per UQ (kg)	Order no. 4004338...
	Material: steel, surface: sendzimir galvanized, with CE marking according to ETA 080165									
CE	60 mm	60 mm	40 mm	2,5 mm	12	50	Piece	-	0,083	**330705**
CE EP	60 mm	60 mm	40 mm	2,5 mm	12	8	Package	15 pc.	1,240	**330538**
CE EP	60 mm	60 mm	40 mm	2,5 mm	12	1	Cardboard Box	50 pc.	4,280	**333447**
CE	60 mm	60 mm	50 mm	2,0 mm	16	50	Piece	-	0,085	**331481**
CE	40 mm	40 mm	60 mm	2,5 mm	12	50	Piece	-	0,090	**330651**
CE EP	40 mm	40 mm	60 mm	2,5 mm	12	4	Package	20 pc.	1,800	**339067**
CE EP	40 mm	40 mm	60 mm	2,5 mm	12	1	Cardboard Box	50 pc.	4,260	**333430**
CE	60 mm	60 mm	60 mm	2,5 mm	18	50	Piece	-	0,129	**330750**
CE EP	60 mm	60 mm	60 mm	2,5 mm	18	4	Package	15 pc.	1,880	**330545**
CE EP	60 mm	60 mm	60 mm	2,5 mm	18	1	Cardboard Box	50 pc.	6,450	**333454**
CE	80 mm	80 mm	60 mm	2,5 mm	27	50	Piece	-	0,166	**331498**
CE	60 mm	60 mm	80 mm	2,5 mm	20	25	Piece	-	0,157	**330804**
CE	80 mm	80 mm	80 mm	2,5 mm	28	25	Piece	-	0,227	**330859**
CE	100 mm	100 mm	80 mm	2,5 mm	36	25	Piece	-	0,298	**332068**
CE	100 mm	100 mm	100 mm	2,5 mm	40	25	Piece	-	0,369	**330903**
	Material: steel, surface: galvanized, white powder coated, with CE marking according to ETA 080165									
CE	60 mm	60 mm	40 mm	2,5 mm	12	50	Piece	-	0,060	**330729**
CE	60 mm	60 mm	60 mm	2,5 mm	18	50	Piece	-	0,120	**330774**
	Material: stainless steel									
VA	60 mm	60 mm	40 mm	2,0 mm	12	10	Piece	-	0,086	**361044**
VA	40 mm	40 mm	60 mm	2,0 mm	12	25	Piece	-	0,088	**361037**
VA	60 mm	60 mm	60 mm	2,0 mm	18	25	Piece	-	0,128	**335311**

TIMBER CONNECTORS

Perforated angle plate
with fixing claw for driving in

material thickness: 1,5 mm

Hole: Ø4,5 mm

- Perforated plate angle connector with extended claw fastener that holds the connecter securely to the wood after being driven in and thereby allows the unit to be screwed together easily.

Dimension a	Dimension b	Dimension c	number of holes	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, sendzimir galvanized							
60 mm	60 mm	40 mm	12	25	Piece	0,074	**339821**
60 mm	60 mm	60 mm	16	25	Piece	0,107	**339838**

Joist hanger
Type A

Dimension a	Dimension b	Dimension c	material thickness	number of holes	Hole	PU	Sales unit	Pieces per sale unit	Weight per UQ (kg)	Order no. 4004338...	
Material: steel, surface: sendzimir galvanized, with CE marking according to ETA 080171											
34 mm	143 mm	104 mm	2,0 mm	4 / 30	Ø11 / 5 mm	25	Piece	-	0,335	**335335**	CE
40 mm	110 mm	110 mm	2,0 mm	4 / 22	Ø9 / 5 mm	25	Piece	-	0,280	**334505**	CE
45 mm	110 mm	115 mm	2,0 mm	4 / 22	Ø9 / 5 mm	25	Piece	-	0,315	**335984**	CE
40 mm	140 mm	110 mm	2,0 mm	4 / 28	Ø11 / 5 mm	25	Piece	-	0,331	**353773**	CE
50 mm	68 mm	120 mm	2,0 mm	2 / 13	Ø9 / 5 mm	25	Piece	-	0,282	**353780**	CE
50 mm	105 mm	120 mm	2,0 mm	4 / 22	Ø9 / 5 mm	25	Piece	-	0,290	**334512**	CE
50 mm	135 mm	120 mm	2,0 mm	4 / 30	Ø11 / 5 mm	25	Piece	-	0,335	**335120**	CE
60 mm	80 mm	130 mm	2,0 mm	2 / 16	Ø9 / 5 mm	25	Piece	-	0,286	**354947**	CE
60 mm	100 mm	138 mm	2,0 mm	4 / 22	Ø9 / 5 mm	25	Piece	-	0,285	**331252**	CE
60 mm	100 mm	138 mm	2,0 mm	4 / 22	Ø9 / 5 mm	6	Package	6 pc.	1,692	**331375**	CE EP
60 mm	100 mm	138 mm	2,0 mm	4 / 22	Ø9 / 5 mm	1	Cardboard Box	25 pc.	7,500	**333294**	CE EP
60 mm	130 mm	130 mm	2,0 mm	4 / 32	Ø11 / 5 mm	25	Piece	-	0,330	**353797**	CE
60 mm	160 mm	130 mm	2,0 mm	4 / 34	Ø11 / 5 mm	25	Piece	-	0,400	**353162**	CE
64 mm	65 mm	134 mm	2,0 mm	2 / 13	Ø9 / 5 mm	25	Piece	-	0,243	**334536**	CE
64 mm	98 mm	134 mm	2,0 mm	4 / 22	Ø9 / 5 mm	25	Piece	-	0,285	**334529**	CE
64 mm	128 mm	134 mm	2,0 mm	4 / 30	Ø11 / 5 mm	25	Piece	-	0,335	**335144**	CE
64 mm	158 mm	134 mm	2,0 mm	4 / 34	Ø11 / 5 mm	25	Piece	-	0,470	**353803**	CE
70 mm	95 mm	140 mm	2,0 mm	4 / 22	Ø9 / 5 mm	25	Piece	-	0,304	**333850**	CE
70 mm	125 mm	140 mm	2,0 mm	4 / 30	Ø11 / 5 mm	25	Piece	-	0,370	**335151**	CE
70 mm	155 mm	140 mm	2,0 mm	4 / 34	Ø11 / 5 mm	25	Piece	-	0,445	**353827**	CE
76 mm	90 mm	146 mm	2,0 mm	4 / 22	Ø9 / 5 mm	25	Piece	-	0,304	**335342**	CE
76 mm	122 mm	146 mm	2,0 mm	4 / 30	Ø11 / 5 mm	25	Piece	-	0,365	**353834**	CE
76 mm	152 mm	146 mm	2,0 mm	4 / 34	Ø11 / 5 mm	25	Piece	-	0,385	**335168**	CE
76 mm	182 mm	160 mm	2,0 mm	4 / 40	Ø11 / 5 mm	25	Piece	-	0,528	**353858**	CE
80 mm	120 mm	150 mm	2,0 mm	4 / 30	Ø11 / 5 mm	25	Piece	-	0,380	**331306**	CE
80 mm	120 mm	150 mm	2,0 mm	4 / 30	Ø11 / 5 mm	4	Package	6 pc.	2,220	**331382**	CE EP
80 mm	120 mm	150 mm	2,0 mm	4 / 30	Ø11 / 5 mm	1	Cardboard Box	25 pc.	10,000	**333317**	CE EP
80 mm	150 mm	150 mm	2,0 mm	4 / 34	Ø11 / 5 mm	25	Piece	-	0,445	**335182**	CE
80 mm	180 mm	170 mm	2,0 mm	4 / 40	Ø11 / 5 mm	25	Piece	-	0,536	**354725**	CE
90 mm	145 mm	160 mm	2,0 mm	4 / 34	Ø11 / 5 mm	25	Piece	-	0,465	**333836**	CE
100 mm	140 mm	170 mm	2,0 mm	4 / 34	Ø11 / 5 mm	25	Piece	-	0,440	**331351**	CE
100 mm	140 mm	170 mm	2,0 mm	4 / 34	Ø11 / 5 mm	4	Package	6 pc.	2,640	**331399**	CE EP
100 mm	140 mm	170 mm	2,0 mm	4 / 34	Ø11 / 5 mm	1	Cardboard Box	10 pc.	4,550	**333324**	CE EP
100 mm	200 mm	190 mm	2,0 mm	4 / 46	Ø11 / 5 mm	25	Piece	-	0,592	**335243**	CE
120 mm	190 mm	210 mm	2,0 mm	4 / 46	Ø11 / 5 mm	25	Piece	-	0,620	**354770**	CE
Material: steel, surface: sendzimir galvanized, with CE marking according to ETA 090021											
120 mm	160 mm	210 mm	2,0 mm	4 / 40	Ø11 / 5 mm	10	Piece	-	0,540	**331405**	CE
140 mm	180 mm	228 mm	2,0 mm	4 / 46	Ø11 / 5 mm	10	Piece	-	0,640	**331450**	CE
160 mm	200 mm	240 mm	2,5 mm	8 / 48	Ø13 / 5 mm	25	Piece	-	0,904	**335007**	CE
180 mm	220 mm	270 mm	2,5 mm	6 / 68	Ø13 / 5 mm	10	Piece	-	0,995	**335014**	CE
200 mm	240 mm	280 mm	2,5 mm	6 / 76	Ø13 / 5 mm	10	Piece	-	1,106	**335021**	CE
Material: stainless steel											
60 mm	100 mm	130 mm	2,0 mm	4 / 22	Ø9 / 5 mm	25	Piece	-	0,282	**335410**	VA
80 mm	120 mm	150 mm	2,0 mm	4 / 30	Ø11 / 5 mm	25	Piece	-	0,370	**335427**	VA

TIMBER CONNECTORS

Figure version left

Joist hanger

Type A

two parts

material thickness: 2 mm

	Dimension a	Dimension b	Dimension c	number of holes	Hole	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
	Material: steel, surface: sendzimir galvanized, left								
	25 mm	140 mm	40 mm	20	Ø5 mm	25	Piece	0,202	**331559**
	Material: steel, surface: sendzimir galvanized, right								
	25 mm	140 mm	40 mm	20	Ø5 mm	25	Piece	0,202	**331504**
	Material: steel, surface: sendzimir galvanized, left, with CE marking according to ETA 090021								
CE	30 mm	100 mm	38 mm	22	Ø5 mm	25	Piece	0,135	**335649**
	Material: steel, surface: sendzimir galvanized, right, with CE marking according to ETA 090021								
CE	30 mm	100 mm	38 mm	22	Ø5 mm	25	Piece	0,135	**335632**

Joist hanger

Type B

material thickness: 2 mm

	Dimension a	Dimension b	number of holes	Hole	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
	Material: steel, surface: sendzimir galvanized, with CE marking according to ETA 080171							
CE	40 mm	110 mm	4 / 17	Ø9 / 5 mm	25	Piece	0,282	**353926**
CE	60 mm	100 mm	4 / 17	Ø9 / 5 mm	25	Piece	0,245	**353902**
CE	64 mm	128 mm	4 / 28	Ø11 / 5 mm	25	Piece	0,402	**335229**
CE	76 mm	152 mm	4 / 34	Ø11 / 5 mm	25	Piece	0,456	**354954**
CE	80 mm	120 mm	4 / 30	Ø11 / 5 mm	25	Piece	0,370	**335359**
CE	100 mm	140 mm	4 / 34	Ø11 / 5 mm	10	Piece	0,440	**335403**
	Material: steel, surface: sendzimir galvanized, with CE marking according to ETA 090021							
CE	120 mm	160 mm	4 / 42	Ø13 / 5 mm	10	Piece	0,507	**335458**
CE	140 mm	180 mm	4 / 48	Ø13 / 5 mm	25	Piece	0,577	**331238**

Figure version right

Rafter purlin anchor

material thickness: 2 mm

Hole: Ø5 mm

	Dimension a	Dimension b	Dimension c	number of holes	PU	Sales unit	Pieces per sale unit	Weight per UQ (kg)	Order no. 4004338...
	Material: steel, surface: sendzimir galvanized, right, with CE marking according to ETA 080170								
CE	32 mm	32 mm	170 mm	20	25	Piece	-	0,095	**330958**
CE eco	32 mm	32 mm	170 mm	20	1	Cardboard Box	50 pc.	4,600	**333591**
CE	32 mm	32 mm	210 mm	28	25	Piece	-	0,132	**331054**
CE	32 mm	32 mm	250 mm	36	25	Piece	-	0,168	**331153**
	Material: steel, surface: sendzimir galvanized, left, with CE marking according to ETA 080170								
CE	32 mm	32 mm	170 mm	20	25	Piece	-	0,095	**331009**
CE eco	32 mm	32 mm	170 mm	20	1	Cardboard Box	50 pc.	4,600	**333584**
CE	32 mm	32 mm	210 mm	28	25	Piece	-	0,131	**331108**
CE	32 mm	32 mm	250 mm	36	25	Piece	-	0,168	**331207**
	Material: steel, surface: sendzimir galvanized, right and left, with CE marking according to ETA 080170								
CE	32 mm	32 mm	170 mm	20	100	Piece	-	0,095	**334277**
CE eco	32 mm	32 mm	170 mm	20	4	Package	12 pc.	1,195	**330941**
CE	32 mm	32 mm	210 mm	28	100	Piece	-	0,132	**334284**
CE	32 mm	32 mm	250 mm	36	50	Piece	-	0,168	**334291**
	Material: stainless steel, right								
VA	32 mm	32 mm	170 mm	20	25	Piece	-	0,094	**335366**
	Material: stainless steel, left								
VA	32 mm	32 mm	170 mm	20	25	Piece	-	0,094	**335373**

TIMBER CONNECTORS

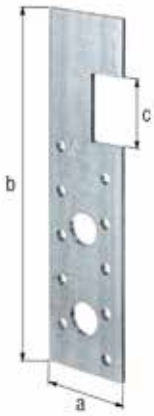
Rafter purlin anchor

multifunctional
material thickness: 2 mm
Hole: Ø5 mm

Dimension a	Dimension b	Dimension c	number of holes	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...	
Material: steel, surface: sendzimir galvanized, with CE marking according to ETA 080186								
33 mm	33 mm	170 mm	14	100	Piece	0,083	**338077**	CE
33 mm	33 mm	210 mm	18	100	Piece	0,103	**338084**	CE
33 mm	33 mm	250 mm	22	100	Piece	0,124	**338091**	CE

Anchor

material thickness: 3 mm

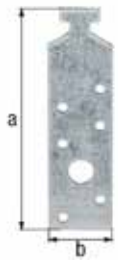


Dimension a	Dimension b	Dimension c	number of holes	Hole	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, sendzimir galvanized								
40 mm	160 mm	30 mm	2 / 10	Ø14 / 4,5 mm	50	Piece	0,120	**338480**
50 mm	180 mm	30 mm	2 / 12	Ø13 / 5,0 mm	50	Piece	0,190	**339982**
50 mm	200 mm	30 mm	2 / 14	Ø13 / 5,0 mm	50	Piece	0,220	**339999**
50 mm	220 mm	30 mm	2 / 14	Ø13 / 5,0 mm	50	Piece	0,240	**340032**

Profile anchor

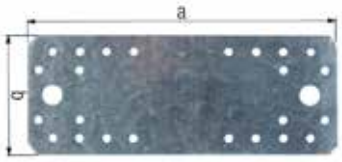
for Halfen channels

material thickness: 3 mm
Hole: Ø13 / 5 mm



Dimension a	Dimension b	number of holes	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: sendzimir galvanized, for Halfen channels 28/15						
120 mm	34 mm	1 / 6	100	Piece	0,060	**334550**
160 mm	34 mm	1 / 10	100	Piece	0,110	**334468**
180 mm	34 mm	2 / 10	100	Piece	0,100	**334475**
200 mm	34 mm	2 / 12	100	Piece	0,130	**334482**
Material: steel, surface: sendzimir galvanized, for Halfen channels 38/17						
140 mm	34 mm	1 / 10	100	Piece	0,090	**334642**
160 mm	34 mm	2 / 10	100	Piece	0,110	**334499**

TIMBER CONNECTORS



Flat connector

Dimension a	Dimension b	material thickness	number of holes	Hole	PU	Sales unit	Pieces per sale unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: sendzimir galvanized, with CE marking according to DIN EN 14545									
100 mm	35 mm	2,5 mm	2 / 12	Ø11 / 5 mm	50	Piece	-	0,057	**330002**
100 mm	35 mm	2,5 mm	2 / 12	Ø11 / 5 mm	6	Package	25 pc.	1,490	**330088**
100 mm	35 mm	2,5 mm	2 / 12	Ø11 / 5 mm	1	Cardboard Box	50 pc.	2,850	**333379**
60 mm	40 mm	2,0 mm	6	Ø5 mm	25	Piece	-	0,034	**331412**
80 mm	40 mm	2,0 mm	8	Ø5 mm	25	Piece	-	0,047	**331429**
100 mm	40 mm	2,0 mm	10	Ø5 mm	25	Piece	-	0,058	**331436**
180 mm	40 mm	3,0 mm	4 / 16	Ø11 / 5 mm	50	Piece	-	0,140	**330101**
180 mm	40 mm	3,0 mm	4 / 16	Ø11 / 5 mm	1	Cardboard Box	50 pc.	7,000	**333386**
135 mm	55 mm	2,5 mm	2 / 16	Ø11 / 5 mm	50	Piece	-	0,156	**330057**
135 mm	55 mm	2,5 mm	2 / 16	Ø11 / 5 mm	4	Package	15 pc.	2,320	**339050**
135 mm	55 mm	2,5 mm	2 / 16	Ø11 / 5 mm	1	Cardboard Box	50 pc.	6,750	**333362**
175 mm	65 mm	2,5 mm	2 / 24	Ø11 / 5 mm	50	Piece	-	0,198	**339753**
190 mm	90 mm	3,0 mm	2 / 24	Ø13 / 5 mm	25	Piece	-	0,345	**335700**
Material: steel, surface: galvanized, white powder coated, with CE marking according to DIN EN 14545									
100 mm	35 mm	2,5 mm	2 / 12	Ø11 / 5 mm	50	Piece	-	0,055	**330026**
180 mm	40 mm	3,0 mm	4 / 16	Ø11 / 5 mm	50	Piece	-	0,150	**330125**
135 mm	55 mm	2,5 mm	2 / 16	Ø11 / 5 mm	50	Piece	-	0,135	**330071**
Material: stainless steel									
100 mm	35 mm	2,0 mm	2 / 12	Ø11 / 5 mm	25	Piece	-	0,048	**361006**
135 mm	55 mm	2,0 mm	2 / 16	Ø11 / 5 mm	50	Piece	-	0,107	**361013**

Flat connector

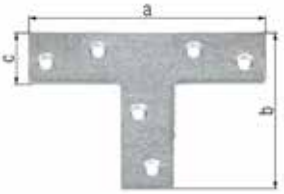
T shaped

material thickness: 2,5 mm

number of holes: 4 / 20

Hole: Ø11 / 5 mm

Dimension a	Dimension b	Dimension c	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, sendzimir galvanized						
160 mm	142 mm	45 mm	20	Piece	0,215	**353322**



Flat connector

T shaped

material thickness: 2 mm

number of holes: 6

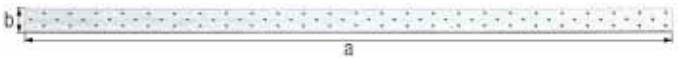
Dimension a	Dimension b	Dimension c	Hole	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, sendzimir galvanized							
70 mm	50 mm	16 mm	Ø3,8 mm	50	Piece	0,025	**333003**
140 mm	110 mm	30 mm	Ø5,0 mm	25	Piece	0,091	**335052**

TIMBER CONNECTORS

Perforated plate

material thickness: 2 mm

Dimension a	Dimension b	number of holes	Hole	PU	Sales unit	Pieces per sale unit	Weight per UQ (kg)	Order no. 4004338...	
Material: steel, sendzimir galvanized									
240 mm	100 mm	54	Ø5 mm	25	Piece	-	0,364	**353421**	
260 mm	100 mm	2 / 61	Ø11 / 5 mm	25	Piece	-	0,405	**333874**	
Material: steel, surface: sendzimir galvanized, with CE marking according to DIN EN 14545									
120 mm	40 mm	10	Ø5 mm	50	Piece	-	0,066	**334451**	CE
160 mm	40 mm	12	Ø5 mm	50	Piece	-	0,091	**337704**	CE
140 mm	60 mm	19	Ø5 mm	50	Piece	-	0,125	**331467**	CE
200 mm	60 mm	2 / 26	Ø11 / 5 mm	25	Piece	-	0,171	**331955**	CE
200 mm	60 mm	2 / 26	Ø11 / 5 mm	4	Package	12 pc.	2,080	**339074**	CE EP
200 mm	60 mm	2 / 26	Ø11 / 5 mm	1	Cardboard Box	25 pc.	4,275	**333393**	CE EP
240 mm	60 mm	2 / 32	Ø11 / 5 mm	25	Piece	-	0,210	**331962**	CE
240 mm	60 mm	2 / 32	Ø11 / 5 mm	1	Cardboard Box	25 pc.	5,200	**333416**	CE EP
200 mm	80 mm	2 / 38	Ø11 / 5 mm	25	Piece	-	0,230	**331993**	CE
200 mm	80 mm	2 / 38	Ø11 / 5 mm	1	Cardboard Box	25 pc.	5,600	**333423**	CE EP
240 mm	80 mm	2 / 46	Ø11 / 5 mm	25	Piece	-	0,280	**332006**	CE
300 mm	80 mm	2 / 58	Ø11 / 5 mm	25	Piece	-	0,360	**331474**	CE
200 mm	100 mm	2 / 46	Ø11 / 5 mm	25	Piece	-	0,294	**332020**	CE
300 mm	100 mm	2 / 71	Ø11 / 5 mm	20	Piece	-	0,443	**332037**	CE
200 mm	120 mm	57	Ø5 mm	25	Piece	-	0,360	**333843**	CE
240 mm	120 mm	69	Ø5 mm	25	Piece	-	0,430	**333782**	CE
300 mm	120 mm	77	Ø5 mm	25	Piece	-	0,530	**333799**	CE



Perforated steel strip

material thickness: 2 mm
Hole: Ø5 mm

Dimension a	Dimension b	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...	
Material: steel, surface: sendzimir galvanized, with CE marking according to DIN EN 14545						
1000 mm	40 mm	1	Piece	0,600	**334956**	CE
1200 mm	60 mm	1	Piece	1,100	**339395**	CE
1200 mm	80 mm	1	Piece	1,400	**339166**	CE
1200 mm	100 mm	1	Piece	1,700	**339173**	CE
1200 mm	120 mm	1	Piece	2,130	**340247**	CE
1200 mm	140 mm	1	Piece	2,490	**340254**	CE
1200 mm	160 mm	1	Piece	2,700	**340261**	CE
1200 mm	180 mm	1	Piece	3,200	**340278**	CE
1200 mm	200 mm	1	Piece	3,400	**340285**	CE

Perforated steel strip

with two suspension holes
material thickness: 2 mm
Hole: Ø11 / 5 mm

Dimension a	Dimension b	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...	
Material: steel, surface: sendzimir galvanized, with CE marking according to DIN EN 14545						
960 mm	60 mm	1	Piece	0,840	**339401**	CE
960 mm	80 mm	1	Piece	1,120	**339418**	CE
960 mm	100 mm	1	Piece	1,410	**339425**	CE

TIMBER CONNECTORS

Gerber connector

Hole: Ø5 mm
material thickness: 2 mm

Dimension a	Dimension b	Dimension c	number of holes	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: sendzimir galvanized, with CE marking according to ETA 120584							
140 mm	180 mm	20 mm	35	10	Piece	0,460	**340063**
160 mm	180 mm	20 mm	41	10	Piece	0,500	**340070**
180 mm	180 mm	20 mm	47	10	Piece	0,550	**340087**
220 mm	180 mm	20 mm	59	10	Piece	0,610	**340094**
260 mm	180 mm	20 mm	71	10	Piece	0,680	**340186**
300 mm	180 mm	20 mm	83	10	Piece	0,780	**340193**

Gerber connector

Type B

Hole: Ø5 mm
material thickness: 2 mm

Dimension a	Dimension b	Dimension c	number of holes	PU	Sales unit	Pieces per sale unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: sendzimir galvanized, with CE marking according to ETA 120584								
129 mm	180 mm	30 mm	28	25	pair	2 pc.	0,461	**335113**
154 mm	180 mm	30 mm	36	25	pair	2 pc.	0,561	**335199**
179 mm	180 mm	30 mm	36	20	pair	2 pc.	0,611	**335274**
204 mm	180 mm	30 mm	40	20	pair	2 pc.	0,706	**335298**

Mending plate with spikes

length of nail: 8 mm
material thickness: 1 mm

Dimension a	Dimension b	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: sendzimir galvanized, for driving in					
102 mm	25 mm	100	Piece	0,020	**350161**
127 mm	38 mm	100	Piece	0,027	**350178**

Flat steel anchor

material thickness: 2 mm
Hole: Ø5 mm

Dimension a	Dimension b	Dimension c	number of holes	PU	Sales unit	Pieces per sale unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, sendzimir galvanized, for setting in concrete, with CE marking according to ETA 080165								
205 mm	40 mm	40 mm	18	10	Piece	-	0,147	**332105**
205 mm	40 mm	40 mm	18	1	Collar	10 pc.	1,470	**333348**
285 mm	40 mm	40 mm	24	10	Piece	-	0,197	**332150**
400 mm	40 mm	40 mm	33	10	Piece	-	0,245	**332204**
500 mm	40 mm	40 mm	41	10	Piece	-	0,280	**332075**

TIMBER CONNECTORS

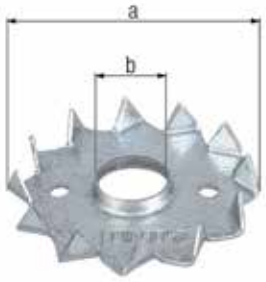
Builders band

Hole: Ø5 mm

Dimension a	material thickness	Length	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...	
Material: steel, surface: sendzimir galvanized, with CE marking according to DIN EN 14545							
40 mm	1,5 mm	50 m	1	Piece	21,000	**339852**	CE
40 mm	2,0 mm	10 m	1	Piece	6,080	**339043**	CE
40 mm	2,0 mm	50 m	1	Piece	29,090	**339036**	CE
60 mm	1,5 mm	50 m	1	Piece	33,000	**339883**	CE
60 mm	2,0 mm	50 m	1	Piece	44,000	**339890**	CE

Toothed timber connector

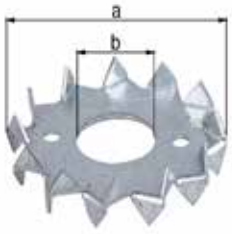
Type C2, one-sided with tooth
according to EN912 (DIN 1052)



Dimension a	Dimension b	for screws	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...	
Material: steel, surface: sendzimir galvanized, with CE marking according to DIN EN 14545							
Ø48 mm	Ø12 mm	M12	300	Piece	0,010	**334413**	CE
Ø62 mm	Ø12 mm	M12	100	Piece	0,025	**334420**	CE
Ø75 mm	Ø16 mm	M16	100	Piece	0,042	**337438**	CE

Toothed timber connector

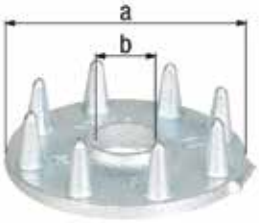
Type C1, two-sided with tooth
according to EN912 (DIN 1052)



Dimension a	Dimension b	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...	
Material: steel, surface: sendzimir galvanized, with CE marking according to DIN EN 14545						
Ø48 mm	Ø17 mm	200	Piece	0,015	**334437**	CE
Ø62 mm	Ø21 mm	200	Piece	0,030	**334444**	CE
Ø75 mm	Ø26 mm	100	Piece	0,060	**338039**	CE

Timber connector with spikes

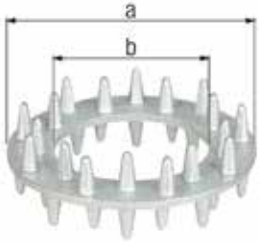
Type C11, one-sided with spikes
according to EN912 (DIN 1052)



Dimension a	Dimension b	for screws	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...	
Material: annealed cast iron, surface: galvanized, with CE marking according to DIN EN 14545							
Ø50 mm	Ø12 mm	M12	50	Piece	0,050	**337452**	CE
Ø65 mm	Ø16 mm	M16	50	Piece	0,080	**337469**	CE
Ø80 mm	Ø20 mm	M20	25	Piece	0,130	**337476**	CE
Ø95 mm	Ø21 mm	M20	25	Piece	0,155	**335090**	CE
Ø115 mm	Ø21 mm	M20	25	Piece	0,215	**335106**	CE

Timber connector with spikes

Type C10, two-sided with spikes
according to EN912 (DIN 1052)



Dimension a	Dimension b	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...	
Material: annealed cast iron, surface: galvanized, with CE marking according to DIN EN 14545						
Ø50 mm	Ø30 mm	50	Piece	0,040	**337544**	CE
Ø65 mm	Ø35 mm	50	Piece	0,080	**337551**	CE
Ø80 mm	Ø50 mm	25	Piece	0,110	**337568**	CE
Ø95 mm	Ø65 mm	25	Piece	0,130	**337483**	CE
Ø115 mm	Ø85 mm	25	Piece	0,180	**337490**	CE

TIMBER CONNECTORS

Rafter shoe connector
for fixing on wood

Total height: 140 mm
material thickness: 2,5 mm
Hole: Ø5 mm

Dimension a	Dimension b	Dimension c	number of holes	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: hot galvanized							
60 mm	300 mm	64 mm	25	1	Piece	1,000	**334765**
80 mm	300 mm	84 mm	33	1	Piece	1,120	**340346**
100 mm	300 mm	104 mm	43	1	Piece	1,350	**340353**
120 mm	300 mm	124 mm	35	1	Piece	1,700	**334871**

Rafter shoe connector
for fixing on the wall

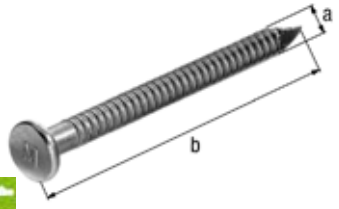
Total height: 140 mm
material thickness: 2,5 mm
number of holes: 2 / 8
Hole: Ø17 / 5 mm

Dimension a	Dimension b	Dimension c	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: hot galvanized						
80 mm	170 mm	220 mm	1	Piece	1,250	**340360**
100 mm	170 mm	240 mm	1	Piece	1,430	**340377**
60 mm	170 mm	200 mm	1	Piece	1,350	**334888**
120 mm	170 mm	260 mm	1	Piece	1,950	**334994**

NAILS AND BAR DOWELS

Anchor nail

Anchor nails are classified as class III load range as per DIN 1052



Dimension a	Dimension b	PU	Sales unit	Pieces per sale unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: galvanized, in box, with CE marking according to DIN EN 14592						
Ø3,1 mm	40 mm	4	Packing	50 pc.	0,145	**331740**
Ø4,0 mm	40 mm	4	Packing	50 pc.	0,230	**331634**
Ø4,0 mm	50 mm	4	Packing	50 pc.	0,280	**331788**
Ø4,0 mm	60 mm	4	Packing	50 pc.	0,322	**331931**
Material: steel, surface: galvanized, bulk pack in cardboard box, with CE marking according to DIN EN 14592						
Ø4,0 mm	40 mm	1	Cardboard Box	250 pc.	1,090	**331610**
Ø4,0 mm	40 mm	1	Cardboard Box	1250 pc.	5,000	**354176**
Ø4,0 mm	50 mm	1	Cardboard Box	250 pc.	1,340	**331764**
Ø4,0 mm	50 mm	1	Cardboard Box	1000 pc.	5,000	**354183**
Ø4,0 mm	60 mm	1	Cardboard Box	250 pc.	1,610	**331917**
Ø4,0 mm	60 mm	1	Cardboard Box	800 pc.	5,000	**354190**
Material: steel, surface: galvanized, bulk pack in box, with CE marking according to DIN EN 14592						
Ø4,0 mm	40 mm	1	Package	250 pc.	1,130	**334703**
Ø4,0 mm	50 mm	1	Packing	250 pc.	1,340	**334710**
Ø4,0 mm	60 mm	1	Packing	250 pc.	1,648	**334727**
Material: stainless steel, in hanging box, with CE marking according to DIN EN 14592						
Ø4,0 mm	50 mm	6	Packing	50 pc.	0,268	**361051**

Screw nail

for timber connector which need to be released later

- The nail screw can be driven in like a nail.
- A force-fit connection is made.
- Adjustment possible after installation.
- Easy, non-destructive disassembly is possible.

Dimension a	Dimension b	PU	Sales unit	Pieces per sale unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: galvanized, in transparent box						
Ø4 mm	40 mm	4	Packing	50 pc.	0,230	**338602**
Ø4 mm	50 mm	4	Packing	50 pc.	0,290	**338619**

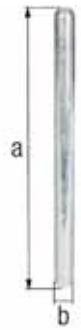
Rafter nail

with grooves

Anchor nails are classified as class III load range as per DIN 1052

Dimension a	Dimension b	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: galvanized					
110 mm	Ø6 mm	250	Piece	0,030	**340384**
150 mm	Ø6 mm	250	Piece	0,040	**340391**
180 mm	Ø6 mm	100	Piece	0,040	**340445**
210 mm	Ø6 mm	100	Piece	0,050	**340452**
230 mm	Ø6 mm	100	Piece	0,050	**340469**
260 mm	Ø6 mm	100	Piece	0,060	**340476**
280 mm	Ø6 mm	100	Piece	0,070	**340483**
300 mm	Ø6 mm	100	Piece	0,070	**340490**

NAILS AND BAR DOWELS



Bar dowel

Dimension a	Dimension b	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: bright zinc coating					
80 mm	10 mm	100	Piece	0,050	**335786**
90 mm	10 mm	100	Piece	0,060	**335793**
140 mm	10 mm	100	Piece	0,090	**335830**
70 mm	12 mm	100	Piece	0,060	**334680**
80 mm	12 mm	100	Piece	0,070	**334697**
100 mm	12 mm	100	Piece	0,090	**334758**
120 mm	12 mm	100	Piece	0,110	**334772**
140 mm	12 mm	100	Piece	0,120	**334789**
160 mm	12 mm	100	Piece	0,140	**334796**
200 mm	12 mm	100	Piece	0,180	**334840**
220 mm	12 mm	100	Piece	0,200	**334857**

NOTES

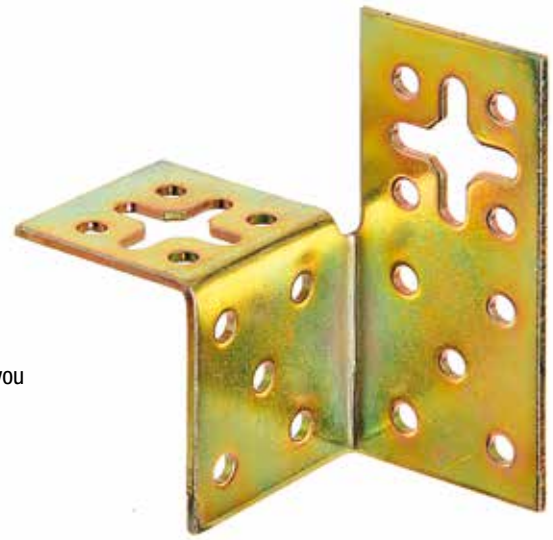
ANGLE BRACKETS AND MENDING PLATES

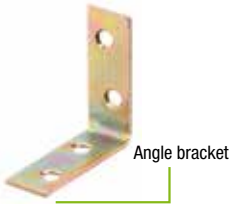
Always the right solution

Advantages

- Comprehensive product line with over 200 items
- With surfaces for the decorative area
- Bulk packaging as a price advantage for the end customer

Angle brackets and mending plates for every application. Whether angle brackets or curtain angles with over 200 items you will definitely find the right fastening.




Angle bracket

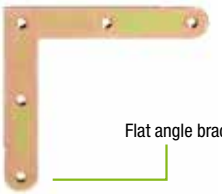
Wide angle bracket

Corner plate

Wide angle bracket

Flat angle bracket

Wide angle bracket


Flat angle bracket

Corner plate

Curtain angle

Joist hanger angle bracket

Builders band

Flat connector

Adjustable angle connector

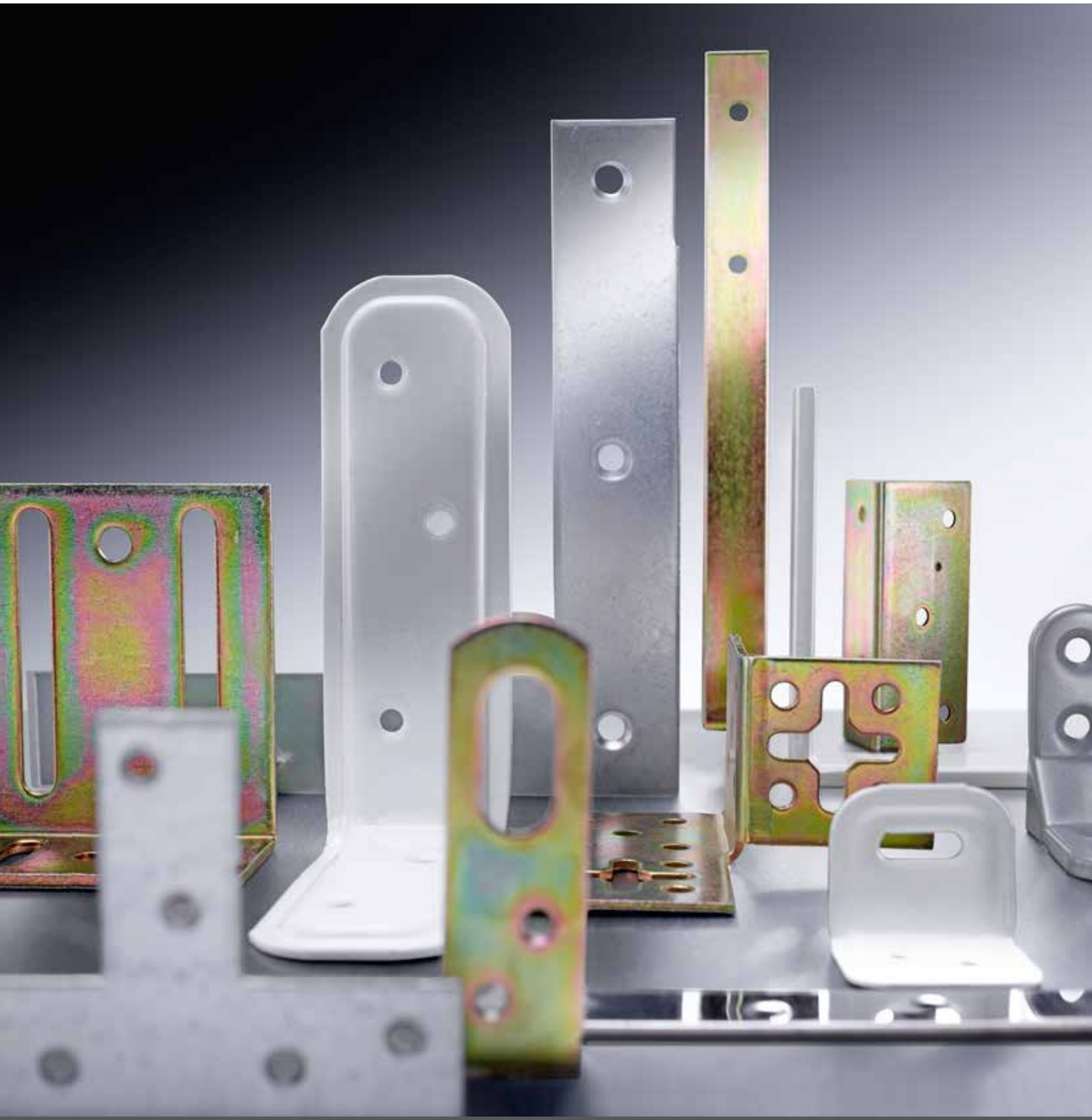
Kitchen frame eye

Adjustable connector

Decorative angle bracket

Supporting angle bracket

Stahl

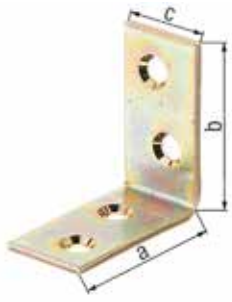


ANGLE BRACKETS, MENDING PLATES

Angle bracket

with countersunk screw holes on both sides

Dimension a	Dimension b	Dimension c	material thickness	number of holes	Hole	PU	Sales unit	Pieces per sale unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: yellow galvanized										
25 mm	25 mm	14 mm	1,75 mm	4	Ø4,5 mm	100	Piece	-	0,008	**339180**
25 mm	25 mm	14 mm	1,75 mm	4	Ø4,5 mm	10	Package	12 pc.	0,091	**336066**
25 mm	25 mm	14 mm	1,75 mm	4	Ø4,5 mm	10	Package	50 pc.	0,420	**339463**
25 mm	25 mm	14 mm	1,75 mm	4	Ø4,5 mm	10	Blister	4 pc.	0,058	**336028**
30 mm	30 mm	14 mm	1,75 mm	4	Ø4,5 mm	100	Piece	-	0,010	**339197**
30 mm	30 mm	14 mm	1,75 mm	4	Ø4,5 mm	10	Package	12 pc.	0,119	**336011**
30 mm	30 mm	14 mm	1,75 mm	4	Ø4,5 mm	10	Blister	4 pc.	0,059	**336073**
40 mm	40 mm	15 mm	1,75 mm	4	Ø4,5 mm	100	Piece	-	0,015	**339203**
40 mm	40 mm	15 mm	1,75 mm	4	Ø4,5 mm	10	Package	12 pc.	0,177	**336165**
40 mm	40 mm	15 mm	1,75 mm	4	Ø4,5 mm	10	Package	50 pc.	1,440	**339470**
40 mm	40 mm	15 mm	1,75 mm	4	Ø4,5 mm	10	Blister	4 pc.	0,078	**336127**
50 mm	50 mm	15 mm	1,75 mm	4	Ø4,5 mm	100	Piece	-	0,019	**339210**
50 mm	50 mm	15 mm	1,75 mm	4	Ø4,5 mm	10	Package	12 pc.	0,224	**336219**
50 mm	50 mm	15 mm	1,75 mm	4	Ø4,5 mm	10	Blister	4 pc.	0,098	**336172**
60 mm	60 mm	16 mm	1,75 mm	4	Ø5,5 mm	100	Piece	-	0,024	**339227**
60 mm	60 mm	16 mm	1,75 mm	4	Ø5,5 mm	10	Package	8 pc.	0,189	**336264**
60 mm	60 mm	16 mm	1,75 mm	4	Ø5,5 mm	6	Package	50 pc.	0,730	**339487**
60 mm	60 mm	16 mm	1,75 mm	4	Ø5,5 mm	10	Blister	4 pc.	0,140	**336226**
75 mm	75 mm	16 mm	1,75 mm	4	Ø5,5 mm	50	Piece	-	0,036	**339388**
75 mm	75 mm	16 mm	1,75 mm	4	Ø5,5 mm	10	Package	8 pc.	0,285	**336288**
90 mm	90 mm	19 mm	2,00 mm	6	Ø5,3 mm	50	Piece	-	0,050	**339234**
100 mm	100 mm	19 mm	2,00 mm	6	Ø5,3 mm	40	Piece	-	0,055	**332358**
100 mm	100 mm	19 mm	2,00 mm	6	Ø5,3 mm	10	Package	20 pc.	1,250	**332396**
125 mm	125 mm	22 mm	2,00 mm	6	Ø6,0 mm	40	Piece	-	0,108	**332402**
150 mm	150 mm	25 mm	3,00 mm	6	Ø6,5 mm	20	Piece	-	0,165	**332457**
Material: steel, surface: brass plated										
25 mm	25 mm	14 mm	1,75 mm	4	Ø4,5 mm	50	Piece	-	0,009	**336035**
25 mm	25 mm	14 mm	1,75 mm	4	Ø4,5 mm	10	Blister	4 pc.	0,051	**336097**
30 mm	30 mm	14 mm	1,75 mm	4	Ø4,5 mm	50	Piece	-	0,010	**336080**
40 mm	40 mm	15 mm	1,75 mm	4	Ø4,5 mm	50	Piece	-	0,014	**336134**
50 mm	50 mm	15 mm	1,75 mm	4	Ø4,5 mm	50	Piece	-	0,018	**336189**
60 mm	60 mm	16 mm	1,75 mm	4	Ø5,5 mm	50	Piece	-	0,028	**336233**
Material: steel, surface: zinc phosphated, white powder coated										
25 mm	25 mm	14 mm	1,75 mm	4	Ø4,5 mm	10	Blister	4 pc.	0,058	**336042**
40 mm	40 mm	15 mm	1,75 mm	4	Ø4,5 mm	50	Piece	-	0,016	**336660**
40 mm	40 mm	15 mm	1,75 mm	4	Ø4,5 mm	5	Package	12 pc.	0,182	**336684**
50 mm	50 mm	15 mm	1,75 mm	4	Ø4,5 mm	6	Blister	4 pc.	0,098	**336196**
60 mm	60 mm	16 mm	1,75 mm	4	Ø5,5 mm	50	Piece	-	0,028	**336714**
60 mm	60 mm	16 mm	1,75 mm	4	Ø5,5 mm	5	Package	8 pc.	0,232	**336738**
Material: stainless steel										
40 mm	40 mm	15 mm	1,75 mm	4	Ø4,5 mm	50	Piece	-	0,018	**361112**
60 mm	60 mm	16 mm	2,00 mm	4	Ø5,5 mm	50	Piece	-	0,032	**361129**
75 mm	75 mm	16 mm	2,00 mm	4	Ø5,5 mm	25	Piece	-	0,044	**361136**
100 mm	100 mm	19 mm	2,00 mm	4	Ø5,3 mm	25	Piece	-	0,062	**361099**



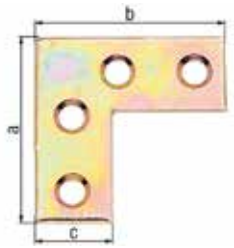
Angle bracket

material thickness: 2,5 mm
number of holes: 4
Hole: Ø5,5 mm

Dimension a	Dimension b	Dimension c	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: yellow galvanized						
40 mm	40 mm	20 mm	40	Piece	0,030	**333034**
60 mm	60 mm	20 mm	40	Piece	0,045	**333041**

ANGLE BRACKETS, MENDING PLATES

Corner plate



Dimension a	Dimension b	Dimension c	material thickness	number of holes	Hole	PU	Sales unit	Pieces per sale unit	Weight per UQ (kg)	Order no. 4004338...	
Material: steel, surface: yellow galvanized											
25 mm	25 mm	10 mm	1,50 mm	4	Ø3,2 mm	5	Package	12 pc.	0,045	**336813**	GP
25 mm	25 mm	10 mm	1,50 mm	4	Ø3,2 mm	10	Blister	4 pc.	0,030	**336820**	
40 mm	40 mm	10 mm	1,25 mm	4	Ø3,2 mm	100	Piece	-	0,006	**336851**	
40 mm	40 mm	10 mm	1,25 mm	4	Ø3,2 mm	5	Package	12 pc.	0,091	**336868**	GP
40 mm	40 mm	10 mm	1,25 mm	4	Ø3,2 mm	10	Blister	4 pc.	0,042	**336875**	
50 mm	50 mm	10 mm	1,25 mm	4	Ø3,2 mm	50	Piece	-	0,009	**336905**	
50 mm	50 mm	10 mm	1,25 mm	4	Ø3,2 mm	5	Package	12 pc.	0,105	**336912**	GP
50 mm	50 mm	10 mm	1,25 mm	4	Ø3,2 mm	10	Blister	4 pc.	0,048	**336929**	
60 mm	60 mm	10 mm	1,25 mm	4	Ø3,2 mm	50	Piece	-	0,010	**336950**	
60 mm	60 mm	10 mm	1,25 mm	4	Ø3,2 mm	5	Package	8 pc.	0,116	**336967**	GP
60 mm	60 mm	10 mm	1,25 mm	4	Ø3,2 mm	10	Blister	4 pc.	0,060	**336974**	
75 mm	75 mm	12 mm	1,25 mm	4	Ø4,2 mm	50	Piece	-	0,015	**337001**	
75 mm	75 mm	12 mm	1,25 mm	4	Ø4,2 mm	5	Package	8 pc.	0,131	**337018**	GP
75 mm	75 mm	12 mm	1,25 mm	4	Ø4,2 mm	10	Blister	4 pc.	0,080	**337025**	
100 mm	100 mm	15 mm	1,50 mm	5	Ø4,2 mm	50	Piece	-	0,033	**337056**	
Material: steel, surface: zinc phosphated, white powder coated											
100 mm	100 mm	15 mm	1,50 mm	5	Ø4,2 mm	25	Piece	-	0,032	**337094**	

Flat angle bracket

number of holes: 5

Dimension a	Dimension b	Dimension c	material thickness	Hole	PU	Sales unit	Pieces per sale unit	Weight per UQ (kg)	Order no. 4004338...	
Material: steel, sendzimir galvanized										
120 mm	120 mm	20 mm	1,5 mm	Ø4,4 mm	40	Piece	-	0,058	**332853**	
120 mm	120 mm	20 mm	1,5 mm	Ø4,4 mm	10	Package	12 pc.	0,640	**332877**	GP
120 mm	120 mm	20 mm	1,5 mm	Ø4,4 mm	1	Cardboard Box	40 pc.	2,320	**333331**	GP
160 mm	160 mm	30 mm	3,0 mm	Ø6,5 mm	10	Piece	-	0,197	**332907**	
200 mm	200 mm	30 mm	3,0 mm	Ø5,5 mm	10	Piece	-	0,256	**332952**	
Material: stainless steel										
120 mm	120 mm	20 mm	1,5 mm	Ø4,0 mm	10	Piece	-	0,057	**361105**	VA

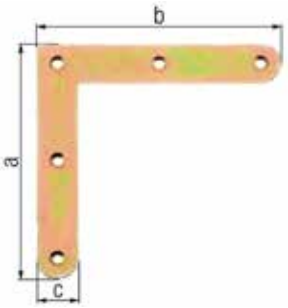
Flat angle bracket

with rounded ends

material thickness: 2 mm

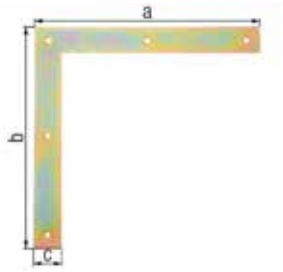
number of holes: 5

Hole: Ø4 mm



Dimension a	Dimension b	Dimension c	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: yellow galvanized						
120 mm	120 mm	20 mm	20	Piece	0,060	**339739**
150 mm	150 mm	20 mm	20	Piece	0,076	**339746**

ANGLE BRACKETS, MENDING PLATES



L shaped strap tie for gates

with countersunk screw holes
material thickness: 3 mm
number of holes: 5
Hole: Ø5 mm

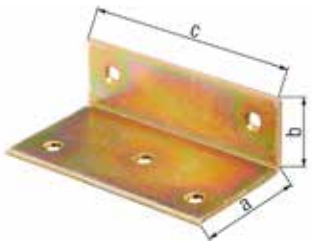
Dimension a	Dimension b	Dimension c	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: yellow galvanized						
200 mm	200 mm	30 mm	10	Piece	0,250	**312558**
250 mm	250 mm	30 mm	10	Piece	0,331	**313043**
300 mm	300 mm	40 mm	10	Piece	0,697	**313098**

Wide angle bracket

equal-sided

material thickness: 2 mm
Hole: Ø5 mm

Dimension a	Dimension b	Dimension c	number of holes	PU	Sales unit	Pieces per sale unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: yellow galvanized								
30 mm	30 mm	30 mm	4	100	Piece	-	0,028	**332600**
GP 30 mm	30 mm	30 mm	4	10	Package	25 pc.	0,700	**332631**
40 mm	40 mm	40 mm	4	50	Piece	-	0,048	**332655**
GP 40 mm	40 mm	40 mm	4	6	Package	25 pc.	1,200	**332686**
60 mm	60 mm	60 mm	8	50	Piece	-	0,105	**332709**
GP 60 mm	60 mm	60 mm	8	4	Package	25 pc.	2,625	**332723**
Material: steel, surface: zinc phosphated, brown powder coated								
30 mm	30 mm	30 mm	4	50	Piece	-	0,026	**332617**
40 mm	40 mm	40 mm	4	50	Piece	-	0,050	**332662**
60 mm	60 mm	60 mm	8	50	Piece	-	0,111	**332716**
Material: steel, surface: zinc phosphated, white powder coated								
30 mm	30 mm	30 mm	4	50	Piece	-	0,026	**332624**
40 mm	40 mm	40 mm	4	50	Piece	-	0,050	**332679**
Material: stainless steel								
VA 30 mm	30 mm	30 mm	4	25	Piece	-	0,027	**361075**
VA 40 mm	40 mm	40 mm	4	10	Piece	-	0,049	**361082**



Wide angle bracket

unequal sided

material thickness: 2 mm

Dimension a	Dimension b	Dimension c	number of holes	Hole	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: yellow galvanized								
40 mm	25 mm	75 mm	5	Ø4,8 mm	50	Piece	0,071	**332501**
60 mm	40 mm	115 mm	8	Ø6,8 mm	25	Piece	0,160	**332556**

ANGLE BRACKETS, MENDING PLATES

Wide angle bracket

unequal sided
stamped

material thickness: 1,5 mm
number of holes: 3 / 2
Hole: Ø5 mm
slotted hole: Ø5 x 12 mm

Dimension a	Dimension b	Dimension c	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: yellow galvanized						
25 mm	40 mm	70 mm	20	Piece	0,045	**340209**
Material: steel, surface: zinc phosphated, white powder coated						
25 mm	40 mm	70 mm	20	Piece	0,045	**340230**

Curtain angle

material thickness: 2,5 mm
number of holes: 1 / 2 / 2
slotted hole: Ø7,5 x 17 mm
Hole: Ø4,5 / 5,5 mm

Dimension a	Dimension b	Dimension c	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: yellow galvanized						
55 mm	120 mm	17 mm	20	Piece	0,075	**333959**
55 mm	180 mm	17 mm	20	Piece	0,100	**334000**

Universal angle bracket

material thickness: 2 mm
number of holes: 18
Hole: Ø5 mm

- for a wide range of construction connections

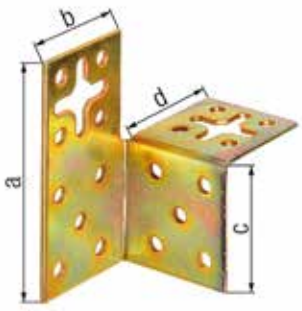


Figure version left

Dimension a	Dimension b	Dimension c	Dimension d	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: yellow galvanized, right							
80 mm	40 mm	40 mm	40 mm	50	Piece	0,087	**332082**
Material: steel, surface: yellow galvanized, left							
80 mm	40 mm	40 mm	40 mm	50	Piece	0,087	**332099**

Adjustable angle connector

number of holes: 3 / 2 / 2
Hole: Ø7 / Ø7 x 60 / Ø7 x 25 mm

Dimension a	Dimension b	Dimension c	material thickness	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...	
Material: steel, surface: yellow galvanized								
40 mm	77 mm	65 mm	4 mm	25	Piece	0,174	**332754**	
Material: stainless steel								
35 mm	75 mm	65 mm	3 mm	10	Piece	0,186	**361068**	VA

ANGLE BRACKETS, MENDING PLATES

Adjustable angle connector

material thickness: 2,5 mm
number of holes: 2 / 1
Hole: Ø6,5 / Ø5,5 x 50 mm

Dimension a	Dimension b	Dimension c	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: yellow galvanized						
65 mm	80 mm	20 mm	25	Piece	0,074	**332808**
Material: steel, surface: zinc phosphated, brown powder coated						
65 mm	80 mm	20 mm	50	Piece	0,047	**332822**
Material: steel, surface: zinc phosphated, white powder coated						
65 mm	80 mm	20 mm	50	Piece	0,075	**332815**

Adjustable angle connector

stamped

material thickness: 1,25 mm
number of holes: 1 / 2
Hole: Ø5 mm
slotted hole: Ø5 x 15 mm

Dimension a	Dimension b	Dimension c	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: yellow galvanized						
25 mm	25 mm	30 mm	50	Piece	0,012	**340100**
Material: steel, surface: zinc phosphated, white powder coated						
25 mm	25 mm	30 mm	50	Piece	0,012	**340131**

Adjustable angle connector

stamped

material thickness: 1 mm
number of holes: 1 / 1
Hole: Ø4,5 mm
slotted hole: Ø4,5 x 16 mm

Dimension a	Dimension b	Dimension c	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: yellow galvanized						
28 mm	40 mm	22 mm	50	Piece	0,011	**332785**

Adjustable angle connector

for constructions with concrete

material thickness: 8 mm
number of holes: 1 / 1
Hole: Ø14 / Ø14 x 43 mm

Dimension a	Dimension b	Dimension c	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: hot galvanized						
77 mm	77 mm	60 mm	20	Piece	0,370	**335069**
80 mm	150 mm	60 mm	10	Piece	0,750	**335656**

ANGLE BRACKETS, MENDING PLATES

Adjustable angle connector

2 angles 45°
stamped

material thickness: 1,5 mm

Dimension a	Dimension b	Dimension c	number of holes	Hole	PU	Sales unit	Pieces per sale unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, sendzimir galvanized									
55 mm	72 mm	30 mm	1 / 1	Ø8 x 40 / Ø6,5 x 20 mm	50	Piece	-	0,047	**341343**
55 mm	72 mm	30 mm	1 / 1	Ø8 x 40 / Ø6,5 x 20 mm	6	Package	6 pc.	0,282	**333621**
70 mm	72 mm	30 mm	1 / 1	Ø8 x 40 / Ø6,5 x 40 mm	50	Piece	-	0,055	**341350**
80 mm	72 mm	30 mm	1 / 1	Ø8 x 40 / Ø6,5 x 40 mm	50	Piece	-	0,058	**341367**
100 mm	72 mm	30 mm	1 / 1 / 1	Ø8 x 40 / Ø6,5 x 40 / Ø5,5 mm	50	Piece	-	0,066	**341374**
120 mm	72 mm	30 mm	1 / 1 / 2	Ø8 x 40 / Ø6,5 x 40 / Ø5,5 mm	25	Piece	-	0,074	**341381**
130 mm	72 mm	30 mm	1 / 1 / 3	Ø8 x 40 / Ø6,5 x 40 / Ø5,5 mm	25	Piece	-	0,081	**341398**
130 mm	72 mm	30 mm	1 / 1 / 3	Ø8 x 40 / Ø6,5 x 40 / Ø5,5 mm	6	Package	6 pc.	0,486	**333775**
140 mm	72 mm	30 mm	1 / 1 / 3	Ø8 x 40 / Ø6,5 x 40 / Ø5,5 mm	25	Piece	-	0,092	**341404**
140 mm	72 mm	30 mm	1 / 1 / 3	Ø8 x 40 / Ø6,5 x 40 / Ø5,5 mm	6	Package	6 pc.	0,552	**333768**

Adjustable angle connector

90° angle
stamped

material thickness: 1,5 mm

Hole: Ø8 x 40 / Ø6,5 x 40 / Ø4,5 mm

Dimension a	Dimension b	Dimension c	number of holes	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, sendzimir galvanized							
50 mm	70 mm	30 mm	1 / 1 / 1	50	Piece	0,047	**339906**
70 mm	70 mm	30 mm	1 / 1 / 3	50	Piece	0,055	**339913**
80 mm	70 mm	30 mm	1 / 1 / 4	50	Piece	0,058	**339920**
100 mm	70 mm	30 mm	1 / 1 / 5	50	Piece	0,066	**339937**
120 mm	70 mm	30 mm	1 / 1 / 5	25	Piece	0,074	**339944**
130 mm	70 mm	30 mm	1 / 1 / 5	25	Piece	0,081	**339951**
140 mm	70 mm	30 mm	1 / 1 / 5	25	Piece	0,092	**339968**

Joist hanger angle bracket

unequal sided

Dimension a	Dimension b	Dimension c	material thick-ness	number of holes	Hole	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: yellow galvanized									
40 mm	80 mm	30 mm	2 mm	5	Ø4,5 mm	20	Piece	0,051	**332839**
50 mm	100 mm	40 mm	5 mm	4	Ø6,0 mm	20	Piece	0,221	**333300**
75 mm	100 mm	30 mm	3 mm	5	Ø5,5 mm	50	Piece	0,104	**332259**
75 mm	150 mm	40 mm	5 mm	5	Ø6,0 mm	20	Piece	0,342	**333355**
80 mm	120 mm	35 mm	4 mm	7	Ø7,0 mm	25	Piece	0,200	**332303**
100 mm	200 mm	40 mm	4 mm	7	Ø6,0 mm	20	Piece	0,460	**333409**
120 mm	180 mm	40 mm	4 mm	7	Ø7,0 mm	20	Piece	0,437	**334055**
160 mm	240 mm	50 mm	5 mm	10	Ø7,0 mm	10	Piece	0,744	**334154**
Material: steel, surface: zinc phosphated, brown powder coated									
75 mm	100 mm	30 mm	3 mm	5	Ø5,5 mm	50	Piece	0,118	**332266**
80 mm	120 mm	35 mm	4 mm	7	Ø7,0 mm	25	Piece	0,203	**332310**
120 mm	180 mm	40 mm	5 mm	7	Ø7,0 mm	20	Piece	0,445	**334062**

ANGLE BRACKETS, MENDING PLATES

Joist hanger angle bracket
equal-sided
narrow

material thickness: 5 mm

Dimension a	Dimension b	Dimension c	number of holes	Hole	PU	Sales unit	Pieces per sale unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: yellow galvanized									
80 mm	80 mm	20 mm	4	Ø8,0 mm	20	Piece	-	0,110	**333058**
80 mm	80 mm	20 mm	4	Ø8,0 mm	6	Package	12 pc.	1,300	**333089**
100 mm	100 mm	20 mm	4	Ø6,5 mm	20	Piece	-	0,145	**333102**
120 mm	120 mm	20 mm	4	Ø6,5 mm	20	Piece	-	0,159	**333157**
140 mm	140 mm	20 mm	4	Ø6,5 mm	20	Piece	-	0,176	**333201**
160 mm	160 mm	20 mm	6	Ø6,5 mm	10	Piece	-	0,208	**333256**
180 mm	180 mm	20 mm	6	Ø8,0 mm	10	Piece	-	0,259	**339135**
Material: steel, surface: zinc phosphated, white powder coated									
100 mm	100 mm	20 mm	4	Ø6,5 mm	20	Piece	-	0,140	**333126**
120 mm	120 mm	20 mm	4	Ø6,5 mm	20	Piece	-	0,170	**333171**
160 mm	160 mm	20 mm	6	Ø6,5 mm	10	Piece	-	0,233	**333270**

Joist hanger angle bracket
equal-sided
wide

Hole: Ø6 mm

Dimension a	Dimension b	Dimension c	material thickness	number of holes	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: yellow galvanized								
100 mm	100 mm	40 mm	5 mm	4	20	Piece	0,305	**333508**
150 mm	150 mm	40 mm	5 mm	6	20	Piece	0,372	**333553**
200 mm	200 mm	40 mm	5 mm	8	10	Piece	0,645	**333607**

Decorative angle bracket
stamped

Dimension a	Dimension b	Dimension c	material thick-ness	number of holes	Hole	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: yellow galvanized									
50 mm	50 mm	20 mm	1,0 mm	4	Ø5,3 mm	20	Piece	0,018	**337155**
75 mm	75 mm	20 mm	1,0 mm	4	Ø5,3 mm	10	Piece	0,042	**337162**
103 mm	103 mm	21 mm	2,0 mm	6	Ø5,0 mm	10	Piece	0,085	**337179**
130 mm	130 mm	21 mm	1,5 mm	6	Ø5,0 mm	10	Piece	0,082	**337186**
Material: steel, surface: white powder coated									
30 mm	30 mm	20 mm	1,0 mm	2	Ø5,3 mm	20	Piece	0,011	**337193**
50 mm	50 mm	20 mm	1,0 mm	4	Ø5,3 mm	20	Piece	0,018	**337230**
75 mm	75 mm	20 mm	1,0 mm	4	Ø5,3 mm	10	Piece	0,042	**337247**
103 mm	103 mm	21 mm	2,0 mm	6	Ø5,0 mm	10	Piece	0,085	**337285**
130 mm	130 mm	21 mm	1,5 mm	6	Ø5,0 mm	10	Piece	0,082	**337292**

ANGLE BRACKETS, MENDING PLATES

Supporting angle bracket

stamped

material thickness: 2 mm
number of holes: 5
Hole: Ø4,5 mm

Dimension a	Dimension b	Dimension c	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: yellow galvanized						
80 mm	120 mm	40 mm	20	Piece	0,120	**340308**
100 mm	160 mm	40 mm	20	Piece	0,162	**340407**
Material: steel, surface: zinc phosphated, white powder coated						
80 mm	120 mm	40 mm	20	Piece	0,120	**340339**
100 mm	160 mm	40 mm	20	Piece	0,162	**340438**

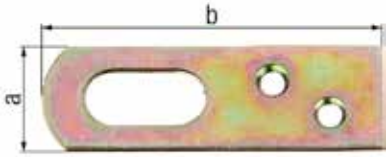
L shaped strap tie

with screw hole countersunk from the inside
number of holes: 6

Dimension a	Dimension b	Dimension c	Inside height	material thick-ness	Hole	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: yellow galvanized									
50 mm	50 mm	70 mm	15 mm	1,5 mm	Ø6,5 mm	25	Piece	0,030	**337254**
75 mm	75 mm	105 mm	20 mm	2,0 mm	Ø7,0 mm	25	Piece	0,099	**337261**

Kitchen frame eye

material thickness: 1,75 mm
Hole: Ø4 mm
slotted hole: 9,5 x 21 mm



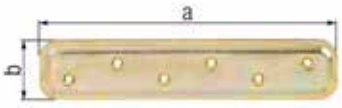
Dimension a	Dimension b	number of holes	PU	Sales unit	Pieces per sale unit	Weight per UQ (kg)	Order no. 4004338...	
Material: steel, surface: yellow galvanized								
19 mm	60 mm	2 / 1	5	Blister	4 pc.	0,060	**337308**	
19 mm	80 mm	2 / 1	5	Blister	4 pc.	0,093	**337315**	
19 mm	100 mm	3 / 1	5	Blister	4 pc.	0,109	**337322**	

Flat connector

material thickness: 1,75 mm
number of holes: 4

Dimension a	Dimension b	Hole	PU	Sales unit	Pieces per sale unit	Weight per UQ (kg)	Order no. 4004338...	
Material: steel, surface: yellow galvanized								
50 mm	14 mm	Ø4,5 mm	100	Piece	-	0,008	**339241**	
50 mm	14 mm	Ø4,5 mm	5	Package	12 pc.	0,104	**336417**	GP
60 mm	14 mm	Ø4,5 mm	100	Piece	-	0,011	**339258**	
60 mm	14 mm	Ø4,5 mm	5	Package	12 pc.	0,126	**336431**	GP
60 mm	14 mm	Ø4,5 mm	10	Blister	4 pc.	0,058	**336424**	
80 mm	15 mm	Ø4,5 mm	100	Piece	-	0,014	**339265**	
80 mm	15 mm	Ø4,5 mm	5	Package	8 pc.	0,125	**336486**	GP
80 mm	15 mm	Ø4,5 mm	10	Blister	4 pc.	0,089	**336479**	
80 mm	15 mm	Ø4,5 mm	10	Package	50 pc.	0,800	**336493**	GP
100 mm	15 mm	Ø4,5 mm	100	Piece	-	0,019	**339272**	
120 mm	16 mm	Ø5,5 mm	100	Piece	-	0,028	**339289**	
120 mm	16 mm	Ø5,5 mm	10	Blister	4 pc.	0,150	**336578**	
Material: steel, surface: zinc phosphated, white powder coated								
120 mm	16 mm	Ø5,5 mm	100	Piece	-	0,029	**336585**	
Material: stainless steel								
100 mm	15 mm	Ø4,5 mm	50	Piece	-	0,022	**361150**	VA

ANGLE BRACKETS, MENDING PLATES



Flat connector

stamped

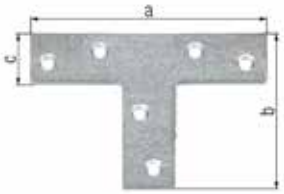
material thickness: 2 mm
number of holes: 6
Hole: Ø4,5 mm

Dimension a	Dimension b	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: yellow galvanized					
180 mm	40 mm	20	Piece	0,108	**340506**
Material: steel, surface: white powder coated					
180 mm	40 mm	20	Piece	0,108	**340537**

Flat connector

material thickness: 3 mm
number of holes: 8
Hole: Ø5,5 mm

Dimension a	Dimension b	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, sendzimir galvanized					
170 mm	30 mm	50	Piece	0,110	**333904**



Flat connector

T shaped

material thickness: 2 mm
number of holes: 6

Dimension a	Dimension b	Dimension c	Hole	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, sendzimir galvanized							
70 mm	50 mm	16 mm	Ø3,8 mm	50	Piece	0,025	**333003**
140 mm	110 mm	30 mm	Ø5,0 mm	25	Piece	0,091	**335052**

Flat connector

T shaped

material thickness: 2,5 mm
number of holes: 4 / 20
Hole: Ø11 / 5 mm

Dimension a	Dimension b	Dimension c	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, sendzimir galvanized						
160 mm	142 mm	45 mm	20	Piece	0,215	**353322**

ANGLE BRACKETS, MENDING PLATES

Assortment kit with angle brackets and mending plates

Set parts: One set consists of four 25 x 25 mm angle brackets, eight 40 x 40 mm angle brackets, four 60 x 60 mm angle brackets, four 75 x 75 mm angle brackets, four 40 x 40 mm corner plates, four 60 x 60 mm flat angle connectors, four 40 mm connecting plates, four 80 mm connecting plates, with screws, packed in box

PU	Sales unit	Pieces per sale unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: yellow galvanized				
10	Package	1 pc.	0,750	**332747**

BUILDERS AND FIXING BANDS

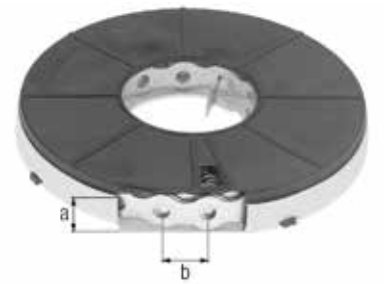
Builders band

Dimension a	Dimension b	Hole	Length	material thickness	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, sendzimir galvanized								
12 mm	8 mm	Ø5 mm	10,0 m	0,8 mm	5	Piece	0,798	**334130**
17 mm	12 mm	Ø7 mm	10,0 m	0,8 mm	5	Piece	1,000	**334208**
20 mm	12 mm	Ø7 mm	10,0 m	1,0 mm	5	Piece	1,060	**334239**
Material: steel, surface: galvanized, black powder coated								
12 mm	8 mm	Ø5 mm	1,5 m	0,8 mm	5	Piece	0,132	**334123**
17 mm	12 mm	Ø7 mm	1,5 m	0,8 mm	5	Piece	0,170	**334161**
20 mm	12 mm	Ø7 mm	1,5 m	1,0 mm	5	Piece	0,240	**334222**
Material: steel, surface: galvanized and white powder coated								
12 mm	8 mm	Ø5 mm	1,5 m	0,8 mm	5	Piece	0,132	**334116**
17 mm	12 mm	Ø7 mm	1,5 m	0,8 mm	5	Piece	0,174	**334253**
20 mm	12 mm	Ø7 mm	1,5 m	1,0 mm	5	Piece	0,240	**334260**
Material: stainless steel								
VA 17 mm	12 mm	Ø7 mm	10,0 m	0,8 mm	5	Piece	0,790	**361143**

Builders band

Length: 3 m

Dimension a	Dimension b	Hole	material thickness	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: sendzimir galvanized, in box							
12 mm	8 mm	Ø5 mm	0,8 mm	5	Piece	0,258	**334147**
17 mm	12 mm	Ø7 mm	0,8 mm	5	Piece	0,336	**334178**
20 mm	12 mm	Ø7 mm	1,0 mm	5	Piece	0,482	**334246**



Builders band

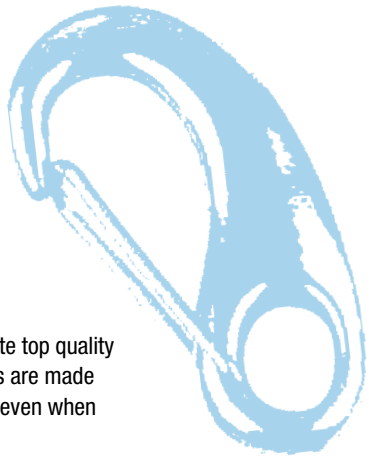
Hole: Ø7 mm
Length: 10 m
material thickness: 0,8 mm

Dimension a	Dimension b	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: sendzimir galvanized, in box					
17 mm	12 mm	5	Piece	0,796	**334185**

NOTES

CARABINERS AND SHACKLES

So that you experience no shipwrecks



Advantages

- High-grade V4A stainless steel fittings for maritime use
- Versatile application possibilities
- Can be used for maritime applications

So that you experience no shipwrecks, you get absolute top quality that you can trust. All shackles, carabiners and screws are made of high-grade V4A stainless steel and remain rustfree even when in contact with salt water.

Because of the multi-purpose usage of the fittings whether for maritime applications or as key chains, you get a wide public with the product line.

Stahl

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CARABINERS AND SHACKLES

Snap shackle
with swivel eye

	Length	for rope	Width	load capacity	Breaking load	PU	Sales unit	Pieces per sale unit	Weight per UQ (kg)	Order no. 4004338...
Material: stainless steel, V4A / AISI 316 / DIN 1.4401										
V4A	70 mm	Ø12 mm	33 mm	333 kg	1000 kg	5	Piece	1 pc.	0,063	**723743**

Locking shackle
long form
straight

	Bolts	Clear length	opening	load capacity	Breaking load	PU	Sales unit	Pieces per sale unit	Weight per UQ (kg)	Order no. 4004338...
Material: stainless steel, V4A / AISI 316 / DIN 1.4401										
V4A	5 mm	42 mm	12 mm	325 kg	1300 kg	5	Piece	1 pc.	0,033	**723606**
V4A	8 mm	60 mm	20 mm	725 kg	2900 kg	5	Piece	1 pc.	0,112	**723620**

Shackle
long form
straight

	Bolts	Clear length	opening	load capacity	Breaking load	PU	Sales unit	Pieces per sale unit	Weight per UQ (kg)	Order no. 4004338...
Material: stainless steel, V4A / AISI 316 / DIN 1.4401										
V4A	5 mm	38 mm	10 mm	275 kg	1100 kg	5	Piece	1 pc.	0,025	**723569**
V4A	6 mm	45 mm	13 mm	400 kg	1600 kg	5	Piece	1 pc.	0,040	**723576**

Shackle
turned

	Bolts	Clear length	opening	load capacity	Breaking load	PU	Sales unit	Pieces per sale unit	Weight per UQ (kg)	Order no. 4004338...
Material: stainless steel, V4A / AISI 316 / DIN 1.4401										
V4A	6 mm	24 mm	12 mm	450 kg	1800 kg	5	Piece	1 pc.	0,033	**723521**

Shackle
cambered

	Bolts	opening	Radius	load capacity	Breaking load	PU	Sales unit	Pieces per sale unit	Weight per UQ (kg)	Order no. 4004338...
Material: stainless steel, V4A / AISI 316 / DIN 1.4401										
V4A	5 mm	10 mm	16 mm	300 kg	1200 kg	5	Piece	1 pc.	0,020	**723477**
V4A	6 mm	12 mm	21 mm	475 kg	1900 kg	5	Piece	1 pc.	0,030	**723484**
V4A	8 mm	16 mm	28 mm	700 kg	2800 kg	5	Piece	1 pc.	0,065	**723491**

CARABINERS AND SHACKLES

Shackle
short form
straight

Bolts	Clear length	opening	load capacity	Breaking load	PU	Sales unit	Pieces per sale unit	Weight per UQ (kg)	Order no. 4004338...	
Material: stainless steel, V4A / AISI 316 / DIN 1.4401										
5 mm	17 mm	10 mm	250 kg	1000 kg	5	Piece	1 pc.	0,019	**723415**	V4A
6 mm	22 mm	12 mm	375 kg	1500 kg	5	Piece	1 pc.	0,028	**723422**	V4A
8 mm	28 mm	17 mm	750 kg	3000 kg	5	Piece	1 pc.	0,061	**723439**	V4A

Shackle
flat shaped
straight

Bolts	Clear length	opening	load capacity	Breaking load	PU	Sales unit	Pieces per sale unit	Weight per UQ (kg)	Order no. 4004338...	
Material: stainless steel, V4A / AISI 316 / DIN 1.4401										
4 mm	17 mm	9 mm	55 kg	220 kg	5	Piece	1 pc.	0,009	**723385**	V4A
5 mm	18 mm	11 mm	75 kg	300 kg	5	Piece	1 pc.	0,013	**723392**	V4A

Swivel shackle
eye/fork

material thick-ness	Length	Width	opening	Breaking load	PU	Sales unit	Pieces per sale unit	Weight per UQ (kg)	Order no. 4004338...	
Material: stainless steel, V4A / AISI 316 / DIN 1.4401										
6 mm	66 mm	26 mm	11 mm	1300 daN	5	Piece	1 pc.	0,062	**723712**	V4A

Carabiner
pear shaped
with open eye

Length	Material	eye	opening	load capacity	PU	Sales unit	Pieces per sale unit	Weight per UQ (kg)	Order no. 4004338...	
Material: stainless steel, V4A / AISI 316 / DIN 1.4401										
40 mm	Ø4 mm	Ø7 mm	6 mm	80 kg	5	Piece	1 pc.	0,013	**723064**	V4A
50 mm	Ø5 mm	Ø8 mm	7 mm	150 kg	5	Piece	1 pc.	0,021	**723071**	V4A
60 mm	Ø6 mm	Ø9 mm	8 mm	250 kg	5	Piece	1 pc.	0,031	**723088**	V4A
70 mm	Ø7 mm	Ø10 mm	10 mm	260 kg	5	Piece	1 pc.	0,049	**723095**	V4A
80 mm	Ø8 mm	Ø12 mm	11 mm	345 kg	5	Piece	1 pc.	0,068	**723101**	V4A
100 mm	Ø10 mm	Ø16 mm	12 mm	850 kg	5	Piece	1 pc.	0,133	**723118**	V4A

Carabiner
pear shaped
closed form

Length	Material	eye	opening	load capacity	PU	Sales unit	Pieces per sale unit	Weight per UQ (kg)	Order no. 4004338...	
Material: stainless steel, V4A / AISI 316 / DIN 1.4401										
40 mm	Ø4 mm	Ø7 mm	6 mm	85 kg	5	Piece	1 pc.	0,013	**723163**	V4A
60 mm	Ø6 mm	Ø7,5 mm	8 mm	180 kg	5	Piece	1 pc.	0,032	**723187**	V4A
80 mm	Ø8 mm	Ø11 mm	10 mm	400 kg	5	Piece	1 pc.	0,072	**723200**	V4A
100 mm	Ø10 mm	Ø13 mm	17 mm	525 kg	5	Piece	1 pc.	0,136	**723217**	V4A

CARABINERS AND SHACKLES

Carabiner
pear shaped
closed form
with screw locking device

	Length	Material	eye	opening	load capacity	PU	Sales unit	Pieces per sale unit	Weight per UQ (kg)	Order no. 4004338...
	Material: stainless steel, V4A / AISI 316 / DIN 1.4401									
V4A	80 mm	Ø8 mm	Ø10 mm	7 mm	345 kg	5	Piece	1 pc.	0,073	**724252**

Carabiner
oval
closed form

	Length	eye	opening	load capacity	Breaking load	PU	Sales unit	Pieces per sale unit	Weight per UQ (kg)	Order no. 4004338...
	Material: stainless steel, V4A / AISI 316 / DIN 1.4401									
V4A	50 mm	Ø6 mm	10 mm	125 kg	200 kg	5	Piece	1 pc.	0,024	**723231**
V4A	75 mm	Ø9 mm	11 mm	275 kg	550 kg	5	Piece	1 pc.	0,057	**723248**

Carabiner
triangle shaped
closed form

	Length	Material	eye	opening	load capacity	Breaking load	PU	Sales unit	Pieces per sale unit	Weight per UQ (kg)	Order no. 4004338...
	Material: stainless steel, V4A / AISI 316 / DIN 1.4401										
V4A	80 mm	8 mm	Ø10 mm	13 mm	120 kg	1200 kg	5	Piece	1 pc.	0,073	**723279**

Quick links

	material thickness	Clear length	Clear width	opening	PU	Sales unit	Pieces per sale unit	Weight per UQ (kg)	Order no. 4004338...
	Material: stainless steel, V4A / AISI 316 / DIN 1.4401								
V4A	4 mm	32 mm	10 mm	5 mm	5	Piece	1 pc.	0,017	**723002**
V4A	5 mm	39 mm	13 mm	6,5 mm	5	Piece	1 pc.	0,025	**723019**

THIMBLES, CLAMPS, EYES AND BOLTS

Duplex clamps
for stainless steel wire ropes

with two screws

for rope	PU	Sales unit	Pieces per sale unit	Weight per UQ (kg)	Order no. 4004338...	
Material: stainless steel, V4A / AISI 316 / DIN 1.4401						
Ø5 mm	5	Piece	1 pc.	0,035	**724214**	VA
Ø6 mm	5	Piece	1 pc.	0,058	**724221**	VA

Thimbles
heavy

glossy finish, acid-resisting

for rope	Clear length	Clear width	Total length	PU	Sales unit	Pieces per sale unit	Weight per UQ (kg)	Order no. 4004338...	
Material: stainless steel, V4A / AISI 316 / DIN 1.4401									
Ø5 mm	33 mm	11 mm	33 mm	5	Piece	1 pc.	0,010	**722203**	V4A
Ø6 mm	31 mm	18 mm	44 mm	5	Piece	1 pc.	0,019	**722210**	V4A
Ø8 mm	42 mm	18 mm	55 mm	5	Piece	1 pc.	0,025	**722227**	V4A

Eye strap
made of flat iron

Length	Width	for rope	Hole	PU	Sales unit	Pieces per sale unit	Weight per UQ (kg)	Order no. 4004338...	
Material: stainless steel, V2A / AISI 304									
39 mm	9 mm	Ø10 mm	Ø4,0 mm	5	Piece	1 pc.	0,007	**723842**	VA
48 mm	12 mm	Ø12 mm	Ø5,5 mm	5	Piece	1 pc.	0,010	**723859**	VA
55 mm	14 mm	Ø17 mm	Ø5,5 mm	5	Piece	1 pc.	0,011	**723866**	VA

U bolt

Total length	Material	length of thread	PU	Sales unit	Pieces per sale unit	Weight per UQ (kg)	Order no. 4004338...	
Material: stainless steel, V2A / AISI 304								
90 mm	Ø6 mm	40 mm	5	Piece	1 pc.	0,058	**723033**	VA
100 mm	Ø8 mm	50 mm	5	Piece	1 pc.	0,100	**723040**	VA

Eyebolt
with metric thread

Thread	length of thread	eye	Breaking load	PU	Sales unit	Pieces per sale unit	Weight per UQ (kg)	Order no. 4004338...	
Material: stainless steel, V4A / AISI 316 / DIN 1.4401									
Ø6 mm	80 mm	Ø16 mm	1150 daN	5	Piece	1 pc.	0,035	**722401**	V4A
Ø8 mm	80 mm	Ø19 mm	1300 daN	5	Piece	1 pc.	0,066	**722418**	V4A

THIMBLES, CLAMPS, EYES AND BOLTS

Deck eye plate

Deck eye plate/eye plate

Length: 75 mm
Width: 22 mm
eye: Ø16 mm
Hole: Ø6,5 mm

	PU	Sales unit	Pieces per sale unit	Weight per UQ (kg)	Order no. 4004338...
	Material: stainless steel, V4A / AISI 316 / DIN 1.4401				
V4A	5	Piece	1 pc.	0,071	**722630**

Deck eye plate

Deck eye plate/eye plate

Length: 35 mm
Width: 30 mm
eye: Ø14 x 15 mm
Hole: Ø5 mm

	PU	Sales unit	Pieces per sale unit	Weight per UQ (kg)	Order no. 4004338...
	Material: stainless steel, V4A / AISI 316 / DIN 1.4401				
V4A	5	Piece	1 pc.	0,031	**722647**

NOTES

HINGES

Precision for every need

Advantages

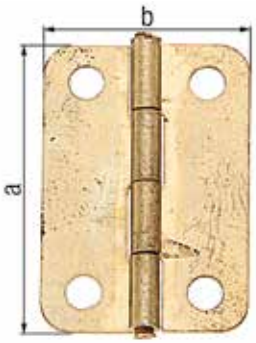
- Comprehensive product line with over 100 items
- Hinges made of brass and stainless steel
- Self-closing and lift-off hinges

The product range offers you, beside the rolled hinges, that are divided into narrow, half-width, wide and square designs, other especially designed hinges such as lift-off hinges or self-closing hinges.

Table trims round off the product range.

Stahl

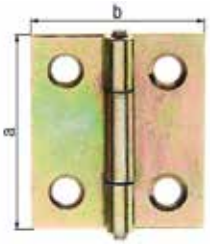
HINGES



Chest hinge

with stainless steel pin
material thickness: 0,5 mm
number of holes: 4
Hole: Ø2,6 mm

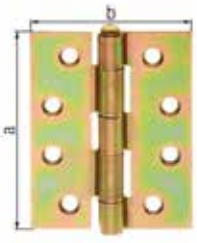
	Dimension a	Dimension b	PU	Sales unit	Pieces per sale unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: brass plated							
	24 mm	17,0 mm	10	Blister	4 pc.	0,017	**347062**
	27 mm	17,0 mm	5	Blister	4 pc.	0,020	**347079**
	30 mm	20,0 mm	5	Blister	4 pc.	0,030	**347086**



Hinge
narrow

rolled

	Dimension a	Dimension b	material thickness	number of holes	Hole	PU	Sales unit	Pieces per sale unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: yellow galvanized, with riveted stainless steel pin										
	25,5 mm	22 mm	0,75 mm	4	Ø3,0 mm	50	Piece	-	0,005	**345358**
	25,5 mm	22 mm	0,75 mm	4	Ø3,0 mm	5	Blister	2 pc.	0,021	**345655**
	31,5 mm	26 mm	0,75 mm	4	Ø3,0 mm	50	Piece	-	0,007	**345365**
	31,5 mm	26 mm	0,75 mm	4	Ø3,0 mm	10	Blister	2 pc.	0,024	**345662**
	38,0 mm	26 mm	0,75 mm	4	Ø3,7 mm	50	Piece	-	0,008	**345372**
	38,0 mm	26 mm	0,75 mm	4	Ø3,7 mm	10	Blister	2 pc.	0,030	**345679**
	51,0 mm	30 mm	0,75 mm	4	Ø3,7 mm	20	Piece	-	0,016	**345389**
	64,0 mm	34 mm	1,00 mm	6	Ø4,3 mm	20	Piece	-	0,027	**345396**
	64,0 mm	34 mm	1,00 mm	6	Ø4,3 mm	10	Blister	2 pc.	0,071	**345693**
	70,0 mm	35 mm	1,00 mm	6	Ø4,5 mm	20	Piece	-	0,034	**345402**
	82,0 mm	45 mm	1,25 mm	6	Ø5,2 mm	20	Piece	-	0,055	**345419**
	82,0 mm	45 mm	1,25 mm	6	Ø5,2 mm	10	Blister	2 pc.	0,134	**345716**
	100,0 mm	49 mm	1,25 mm	8	Ø5,2 mm	10	Piece	-	0,067	**345426**
Material: steel, surface: white powder coated, with riveted stainless steel pin										
	82,0 mm	45 mm	1,25 mm	6	Ø5,2 mm	20	Piece	-	0,055	**345594**
Material: brass, with riveted brass-pin										
	38,0 mm	26 mm	0,75 mm	4	Ø3,7 mm	5	Blister	2 pc.	0,031	**345778**
	40,0 mm	26 mm	1,00 mm	4	Ø3,8 mm	50	Piece	-	0,012	**345648**
	64,0 mm	34 mm	1,00 mm	6	Ø4,3 mm	20	Piece	-	0,028	**345495**
Material: stainless steel, with riveted stainless steel pin										
VA	38,0 mm	26 mm	0,75 mm	4	Ø3,7 mm	50	Piece	-	0,011	**361174**
VA	60,0 mm	34 mm	1,50 mm	6	Ø4,3 mm	10	Piece	-	0,029	**361181**
VA	82,0 mm	44 mm	1,30 mm	6	Ø5,2 mm	20	Piece	-	0,058	**361198**



Hinge
medium

rolled

with stainless steel pin

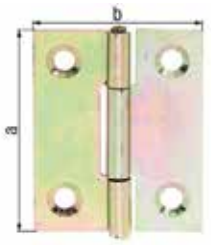
Item description	Dimension a	Dimension b	material thickness	number of holes	Hole	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: yellow galvanized									
with unattached pin	63 mm	45 mm	1,5 mm	6	Ø5,3 mm	25	Piece	0,045	**349073**
with unattached pin	76 mm	50 mm	1,5 mm	6	Ø5,6 mm	25	Piece	0,065	**349080**
with unattached pin	100 mm	75 mm	2,5 mm	8	Ø7,0 mm	20	Piece	0,210	**349097**

HINGES

Hinge
medium

rolled

with riveted stainless steel pin



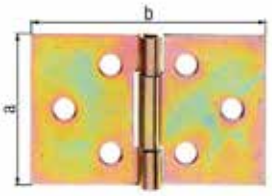
Dimension a	Dimension b	material thickness	number of holes	Hole	PU	Sales unit	Pieces per sale unit	Weight per UQ (kg)	Order no. 4004338...	
Material: steel, surface: yellow galvanized										
41 mm	33 mm	1,00 mm	4	Ø4,7 mm	50	Piece	-	0,013	**345877**	
51 mm	37 mm	1,00 mm	6	Ø4,5 mm	20	Piece	-	0,024	**345884**	
63 mm	43 mm	1,25 mm	6	Ø5,4 mm	20	Piece	-	0,037	**345891**	
63 mm	46 mm	1,50 mm	6	Ø5,3 mm	10	Blister	2 pc.	0,115	**349059**	
70 mm	53 mm	1,25 mm	6	Ø5,0 mm	20	Piece	-	0,050	**345907**	
80 mm	58 mm	1,50 mm	6	Ø5,3 mm	20	Piece	-	0,067	**345914**	
101 mm	65 mm	1,50 mm	8	Ø6,0 mm	20	Piece	-	0,118	**345921**	
100 mm	75 mm	2,50 mm	8	Ø7,0 mm	20	Piece	-	0,210	**348991**	
Material: stainless steel										
63 mm	43 mm	1,25 mm	6	Ø5,4 mm	20	Piece	-	0,035	**361235**	VA
80 mm	58 mm	1,50 mm	6	Ø5,3 mm	20	Piece	-	0,074	**361242**	VA

Hinge
wide

rolled

with riveted stainless steel pin

until 40 mm = three-part, for more than 50 mm = five-part

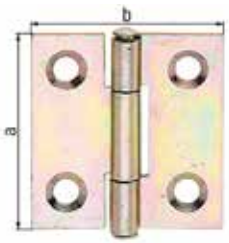


Dimension a	Dimension b	material thickness	number of holes	Hole	PU	Sales unit	Pieces per sale unit	Weight per UQ (kg)	Order no. 4004338...	
Material: steel, surface: yellow galvanized										
25 mm	38,5 mm	0,75 mm	6	Ø3,3 mm	10	Blister	2 pc.	0,027	**346553**	
30 mm	47,0 mm	1,00 mm	6	Ø4,0 mm	50	Piece	-	0,012	**346461**	
40 mm	58,0 mm	0,90 mm	6	Ø4,5 mm	20	Piece	-	0,021	**346478**	
40 mm	58,0 mm	0,80 mm	6	Ø4,5 mm	10	Blister	2 pc.	0,063	**346577**	
50 mm	74,0 mm	1,00 mm	8	Ø5,5 mm	20	Piece	-	0,041	**346485**	
60 mm	90,0 mm	1,25 mm	8	Ø5,3 mm	20	Piece	-	0,068	**346492**	
70 mm	104,5 mm	1,25 mm	8	Ø6,0 mm	20	Piece	-	0,094	**346508**	
81 mm	128,0 mm	1,50 mm	8	Ø6,0 mm	20	Piece	-	0,145	**346515**	
100 mm	152,0 mm	2,00 mm	8	Ø6,3 mm	10	Piece	-	0,218	**346539**	
Material: steel, surface: white powder coated										
50 mm	73,0 mm	1,00 mm	8	Ø5,5 mm	20	Piece	-	0,042	**346423**	
Material: stainless steel										
60 mm	90,0 mm	1,25 mm	8	Ø5,4 mm	10	Piece	-	0,066	**361280**	VA
81 mm	128,0 mm	1,50 mm	8	Ø6,0 mm	20	Piece	-	0,140	**361297**	VA

Hinge
squared

rolled

until 40 mm = three-part, for more than 50 mm = five-part

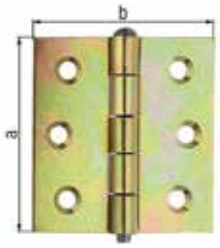


Dimension a	Dimension b	material thickness	number of holes	Hole	PU	Sales unit	Pieces per sale unit	Weight per UQ (kg)	Order no. 4004338...	
Material: steel, surface: yellow galvanized, with riveted stainless steel pin										
25 mm	25 mm	0,75 mm	4	Ø3,0 mm	50	Piece	-	0,004	**345952**	
31 mm	31 mm	0,75 mm	4	Ø3,5 mm	50	Piece	-	0,008	**345969**	
31 mm	31 mm	0,75 mm	4	Ø3,5 mm	10	Blister	2 pc.	0,027	**346263**	
38 mm	38 mm	0,75 mm	6	Ø4,0 mm	50	Piece	-	0,011	**345976**	
38 mm	38 mm	0,75 mm	6	Ø4,0 mm	10	Blister	2 pc.	0,035	**346270**	
51 mm	51 mm	0,75 mm	6	Ø4,2 mm	20	Piece	-	0,023	**345983**	
51 mm	51 mm	0,75 mm	6	Ø4,2 mm	10	Blister	2 pc.	0,063	**346287**	
63 mm	63 mm	2,00 mm	6	Ø5,8 mm	10	Blister	2 pc.	0,208	**349004**	
64 mm	64 mm	1,00 mm	6	Ø4,5 mm	20	Piece	-	0,041	**345990**	

HINGES

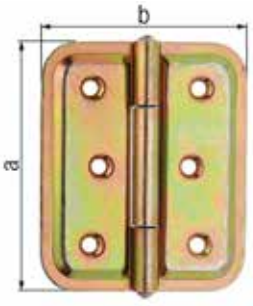
Hinge
continued from page 85

	Dimension a	Dimension b	material thickness	number of holes	Hole	PU	Sales unit	Pieces per sale unit	Weight per UQ (kg)	Order no. 4004338...
	70 mm	70 mm	1,50 mm	6	Ø5,0 mm	20	Piece	-	0,052	**346003**
	76 mm	76 mm	2,00 mm	6	Ø5,8 mm	10	Blister	1 pc.	0,157	**349011**
	82 mm	82 mm	1,00 mm	6	Ø6,3 mm	20	Piece	-	0,079	**346010**
	100 mm	100 mm	1,20 mm	8	Ø5,0 mm	10	Piece	-	0,112	**346027**
	100 mm	100 mm	2,50 mm	8	Ø5,8 mm	20	Piece	-	0,260	**349042**
	Material: brass, with riveted brass-pin									
	38 mm	38 mm	0,75 mm	6	Ø4,0 mm	5	Blister	2 pc.	0,034	**346379**
	64 mm	64 mm	1,00 mm	6	Ø4,5 mm	20	Piece	-	0,043	**346096**
	Material: stainless steel, with riveted stainless steel pin									
VA	51 mm	51 mm	0,75 mm	6	Ø4,2 mm	20	Piece	-	0,027	**361259**
VA	60 mm	60 mm	1,50 mm	6	Ø4,5 mm	20	Piece	-	0,044	**361266**
VA	82 mm	82 mm	1,00 mm	6	Ø6,3 mm	20	Piece	-	0,096	**361273**



Hinge
squared
rolled
with stainless steel pin
Hole: Ø5,8 mm

	Item description	Dimension a	Dimension b	material thickness	number of holes	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
	Material: steel, surface: yellow galvanized								
	with unattached pin	63 mm	63 mm	2,0 mm	6	25	Piece	0,089	**349028**
	with unattached pin	76 mm	76 mm	2,0 mm	6	25	Piece	0,130	**349035**
	with unattached pin	100 mm	100 mm	2,5 mm	8	20	Piece	0,260	**348984**
	Material: stainless steel								
VA	with unattached pin	76 mm	76 mm	2,0 mm	6	24	Piece	0,112	**361211**



Hinge
stamped
with riveted pin
material thickness: 1,75 mm
number of holes: 6
Hole: Ø4,5 mm

Dimension a	Dimension b	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: yellow galvanized					
80 mm	70 mm	20	Piece	0,115	**341008**
Material: steel, surface: white powder coated					
80 mm	70 mm	20	Piece	0,115	**341039**

Hinge
Width: 40 mm
Length: 62 mm
material thickness: 2 mm

	PU	Sales unit	Pieces per sale unit	Weight per UQ (kg)	Order no. 4004338...
	Material: stainless steel, V4A / AISI 316 / DIN 1.4401				
VA	5	Piece	1 pc.	0,050	**725075**

HINGES

Hinge

Width: 45 mm
Length: 75 mm
material thickness: 1,5 mm

PU	Sales unit	Pieces per sale unit	Weight per UQ (kg)	Order no. 4004338...	
Material: stainless steel, V4A / AISI 316 / DIN 1.4401					
5	Piece	1 pc.	0,086	**725068**	VA

Hinge

Width: 30 mm
Length: 80 mm
material thickness: 1,5 mm

PU	Sales unit	Pieces per sale unit	Weight per UQ (kg)	Order no. 4004338...	
Material: stainless steel, V4A / AISI 316 / DIN 1.4401					
5	Piece	1 pc.	0,057	**725044**	VA

Hinge

Width: 30 mm
Length: 145 mm
material thickness: 1,2 mm
Hole: Ø5,5 mm

PU	Sales unit	Pieces per sale unit	Weight per UQ (kg)	Order no. 4004338...	
Material: stainless steel, V4A / AISI 316 / DIN 1.4401					
5	Piece	1 pc.	0,086	**725051**	VA

Lift-off hinge

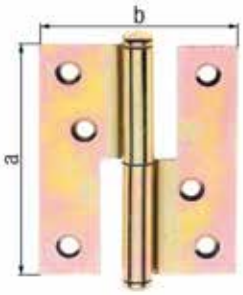


Figure version left

Dimension a	Dimension b	material thickness	number of holes	Hole	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: yellow galvanized, left								
80 mm	65 mm	1,8 mm	6	Ø5 mm	20	Piece	0,110	**333751**
94 mm	45 mm	2,5 mm	6	Ø5 mm	10	Piece	0,090	**340902**
109 mm	55 mm	3,0 mm	6	Ø5 mm	10	Piece	0,138	**340957**
120 mm	88 mm	2,7 mm	8	Ø6 mm	10	Piece	0,333	**341244**
Material: steel, surface: yellow galvanized, right								
80 mm	65 mm	1,8 mm	6	Ø5 mm	20	Piece	0,100	**333805**
94 mm	45 mm	2,5 mm	6	Ø5 mm	10	Piece	0,090	**340919**
109 mm	55 mm	3,0 mm	6	Ø5 mm	10	Piece	0,138	**340964**
120 mm	88 mm	2,7 mm	8	Ø6 mm	10	Piece	0,333	**341251**

Lift-off hinge

stamped

material thickness: 1,75 mm
number of holes: 6
Hole: Ø4,5 mm

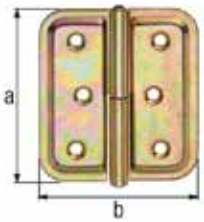
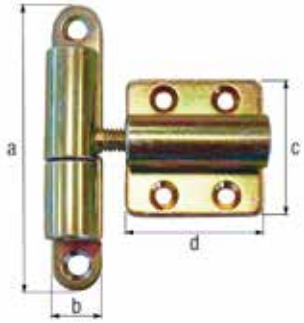


Figure pin left

Dimension a	Dimension b	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: yellow galvanized, pin left					
80 mm	70 mm	10	Piece	0,120	**341206**
Material: steel, surface: yellow galvanized, pin right					
80 mm	70 mm	10	Piece	0,120	**341107**

HINGES



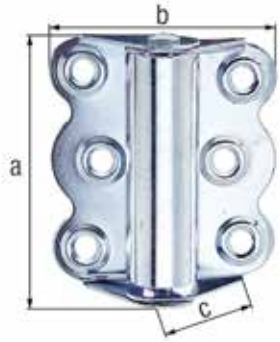
Lift-off hinge

adjustable from 60 to 85 mm

number of holes: 2 / 4

Hole: Ø6 / 5,3 mm

Dimension a	Dimension b	Dimension c	Dimension d	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: yellow galvanized							
83 mm	15 mm	40 mm	40 mm	20	Piece	0,160	**341060**



Hinge

self-closing

material thickness: 1 mm

number of holes: 6

Hole: Ø5,5 mm

Dimension a	Dimension b	Dimension c	PU	Sales unit	Pieces per sale unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, Surface: blue galvanized							
70 mm	65 mm	22 mm	6	Blister	1 pc.	0,099	**341046**
Material: steel, Surface: blue galvanized, black powder coated							
70 mm	65 mm	22 mm	6	Blister	1 pc.	0,099	**341053**

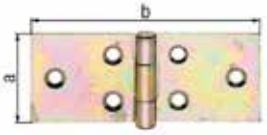
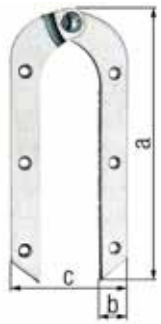


Table hinge

rolled

with riveted stainless steel pin

Dimension a	Dimension b	material thickness	number of holes	Hole	PU	Sales unit	Pieces per sale unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: yellow galvanized									
25 mm	61,0 mm	0,90 mm	6	Ø3,5 mm	20	Piece	-	0,013	**346867**
25 mm	61,0 mm	0,90 mm	6	Ø3,5 mm	10	Blister	2 pc.	0,040	**349202**
26 mm	81,0 mm	1,30 mm	6	Ø4,5 mm	20	Piece	-	0,024	**346874**
26 mm	81,0 mm	1,30 mm	6	Ø4,5 mm	10	Blister	2 pc.	0,067	**349219**
32 mm	101,0 mm	1,50 mm	6	Ø4,6 mm	20	Piece	-	0,045	**346881**
26 mm	101,5 mm	1,20 mm	6	Ø4,2 mm	20	Piece	-	0,028	**346751**
35 mm	120,5 mm	1,50 mm	8	Ø5,0 mm	20	Piece	-	0,052	**346898**
32 mm	141,0 mm	1,50 mm	8	Ø5,2 mm	20	Piece	-	0,059	**346904**
40 mm	162,0 mm	1,50 mm	8	Ø5,0 mm	20	Piece	-	0,086	**346911**
40 mm	181,0 mm	1,50 mm	8	Ø6,0 mm	20	Piece	-	0,094	**346928**
44 mm	203,0 mm	2,00 mm	10	Ø6,0 mm	10	Piece	-	0,152	**346935**
Material: stainless steel									
VA 26 mm	81,0 mm	1,25 mm	6	Ø4,9 mm	20	Piece	-	0,024	**361334**
VA 32 mm	101,0 mm	1,50 mm	6	Ø5,2 mm	10	Piece	-	0,039	**361303**
VA 35 mm	121,0 mm	1,50 mm	8	Ø4,9 mm	20	Piece	-	0,045	**361310**
VA 32 mm	141,0 mm	1,50 mm	8	Ø5,0 mm	20	Piece	-	0,063	**361327**



Ladder hinge

curved

material thickness: 4 mm

number of holes: 6

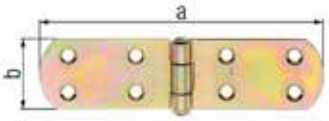
Hole: Ø5,8 mm

Dimension a	Dimension b	Dimension c	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: galvanized						
200 mm	21 mm	88 mm	10	Piece	0,280	**341503**

BOX HINGES

Box hinge

with riveted pin
with countersunk screw holes



Dimension a	Dimension b	material thickness	number of holes	Hole	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...	
Material: steel, surface: yellow galvanized									
135 mm	35 mm	2,0 mm	8	Ø5,5 mm	20	Piece	0,081	**315542**	
156 mm	35 mm	2,0 mm	8	Ø5,5 mm	20	Piece	0,092	**315580**	
175 mm	35 mm	2,0 mm	8	Ø5,5 mm	20	Piece	0,110	**315627**	
195 mm	35 mm	2,0 mm	8	Ø5,5 mm	20	Piece	0,116	**315665**	
250 mm	40 mm	2,5 mm	8	Ø5,5 mm	10	Piece	0,205	**315702**	
300 mm	40 mm	2,5 mm	10	Ø5,5 mm	10	Piece	0,250	**315740**	
400 mm	40 mm	3,0 mm	10	Ø6,0 mm	10	Piece	0,350	**315788**	
Material: stainless steel									
200 mm	35 mm	2,0 mm	8	Ø5,5 mm	10	Piece	0,116	**327118**	VA

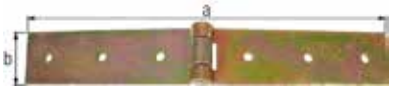
Box hinge

light
with riveted pin
material thickness: 2,5 mm
Hole: Ø6,5 mm

Dimension a	Dimension b	number of holes	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: yellow galvanized						
200 mm	35 mm	4	10	Piece	0,170	**315825**
300 mm	35 mm	6	10	Piece	0,240	**315863**
400 mm	35 mm	6	10	Piece	0,320	**315900**
500 mm	35 mm	6	10	Piece	0,395	**315948**

Box hinge

heavy
with riveted pin
material thickness: 4 mm
number of holes: 6
Hole: Ø7 mm



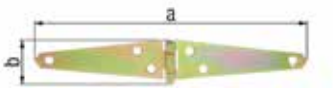
Dimension a	Dimension b	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: yellow galvanized					
300 mm	45 mm	10	Piece	0,460	**315719**
400 mm	45 mm	10	Piece	0,580	**315726**
500 mm	45 mm	10	Piece	0,730	**315733**
600 mm	45 mm	10	Piece	0,580	**315771**

Box hinge

rolled
with riveted pin
material thickness: 1,5 mm
number of holes: 8
Hole: Ø5,6 mm

Dimension a	Dimension b	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...	
Material: stainless steel						
292 mm	33 mm	20	Piece	0,064	**361341**	VA

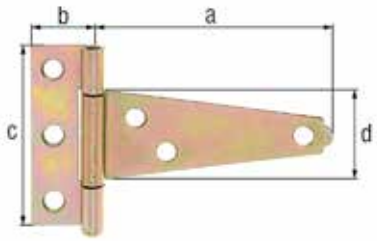
BOX HINGES



Box hinge

rolled
with riveted pin

Dimension a	Dimension b	material thickness	number of holes	Hole	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: yellow galvanized								
190 mm	30 mm	1,5 mm	6	Ø5,8 mm	10	Piece	0,061	**347116**
290 mm	33 mm	1,5 mm	8	Ø5,6 mm	25	Piece	0,083	**347130**
390 mm	44 mm	2,5 mm	8	Ø7,0 mm	25	Piece	0,207	**347147**



Box hinge

rolled
with riveted pin

Accessory note: Suitable fixing material can be ordered separately.

Dimension a	Dimension b	Dimension c	Dimension d	material thickness	number of holes	Hole	PU	Sales unit	Pieces per sale unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: yellow galvanized											
75 mm	20,0 mm	60 mm	29,0 mm	1,5 mm	6	Ø5,5 mm	25	Piece	-	0,050	**347307**
75 mm	20,0 mm	60 mm	29,0 mm	1,5 mm	6	Ø5,5 mm	10	Blister	2 pc.	0,128	**347406**
100 mm	20,0 mm	60 mm	29,0 mm	1,5 mm	6	Ø5,5 mm	25	Piece	-	0,047	**347314**
125 mm	22,5 mm	70 mm	33,5 mm	1,5 mm	6	Ø5,5 mm	25	Piece	-	0,067	**347321**
150 mm	22,5 mm	70 mm	33,0 mm	1,5 mm	7	Ø5,5 mm	25	Piece	-	0,073	**347338**
200 mm	32,0 mm	90 mm	43,5 mm	2,5 mm	7	Ø6,3 mm	10	Piece	-	0,194	**347345**

NOTES

CHEST FITTINGS

For the smart safekeeping and securing of objects

Advantages

- Complete product line for the simple construction of boxes
- With stainless steel items for greater loads

With box hinges, box corners and chest fittings, you can build small and large boxes in no time that can be used for the safekeeping of cushions, tools or garden equipment.

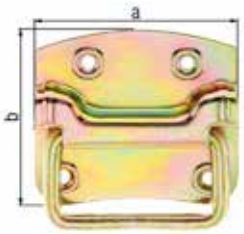
If the content should not be accessible to everyone, you will also find box locks for closing in the product line. Hasps can also be used as alternatives to the box locks. Box corners stabilize the entire frame structure of the box and protect the box from damage to the corners. Box trims, which should be selected depending on the weight and size of the cover, are used to fasten the cover to the box frame.

How the chest fittings are laid out on the box

you will see in the following sketch:

Stahl

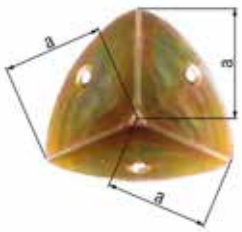
CHEST AND BOX FITTINGS



Box handle

number of holes: 4

	Dimension a	Dimension b	Depth	material thickness	Hole	PU	Sales unit	Pieces per sale unit	Weight per UQ (kg)	Order no. 4004338...
	Material: steel, surface: yellow galvanized									
	80 mm	74 mm	11 mm	1,0 mm	Ø5,0 mm	10	Piece	-	0,108	**347505**
	80 mm	74 mm	11 mm	1,0 mm	Ø5,0 mm	10	Blister	1 pc.	0,125	**347550**
	104 mm	80 mm	12 mm	1,2 mm	Ø5,3 mm	10	Piece	-	0,143	**347529**
	120 mm	85 mm	12 mm	1,5 mm	Ø5,5 mm	10	Piece	-	0,221	**347536**
	Material: stainless steel									
VA	92 mm	80 mm	12 mm	1,2 mm	Ø6,7 mm	10	Piece	-	0,172	**361402**



Box corner

number of holes: 3

Hole: Ø4 mm

	Dimension a	material thickness	PU	Sales unit	Pieces per sale unit	Weight per UQ (kg)	Order no. 4004338...
	Material: steel, surface: yellow galvanized						
	30 mm	0,8 mm	50	Piece	-	0,012	**347604**
	30 mm	0,8 mm	6	Blister	4 pc.	0,065	**347659**
	35 mm	0,8 mm	25	Piece	-	0,014	**347611**
	45 mm	1,0 mm	25	Piece	-	0,026	**347628**
	Material: stainless steel						
VA	36 mm	1,0 mm	20	Piece	-	0,024	**361396**

Hasp with latch

without latch, without closing hook

	Dimension a	Dimension b	Dimension c	eye	for hook width of	number of holes	Hole	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
	Material: steel, surface: yellow galvanized										
	49 mm	13 mm	15 mm	Ø3 mm	13 mm	2	Ø3,7 mm	50	Piece	0,016	**347703**
	61 mm	18 mm	22 mm	Ø4 mm	18 mm	2	Ø4,0 mm	50	Piece	0,045	**347710**
	94 mm	24 mm	30 mm	Ø4 mm	25 mm	3	Ø5,5 mm	25	Piece	0,073	**347727**
	117 mm	29 mm	35 mm	Ø5 mm	25 mm	3	Ø6,5 mm	25	Piece	0,156	**347734**
	Material: stainless steel										
VA	94 mm	20 mm	30 mm	Ø4 mm	25 mm	3	Ø5,5 mm	10	Piece	0,083	**361358**

Hasp with latch

without lock eye, with cranked closing hook

number of holes: 2

	Dimension a	Dimension b	Dimension c	eye	for hook width of	Hole	PU	Sales unit	Pieces per sale unit	Weight per UQ (kg)	Order no. 4004338...
	Material: steel, surface: yellow galvanized										
	49 mm	13 mm	15 mm	Ø3 mm	13 mm	Ø3,7 mm	10	Blister	1 pc.	0,034	**347956**
	61 mm	18 mm	22 mm	Ø4 mm	18 mm	Ø4,0 mm	10	Blister	1 pc.	0,077	**347963**

CHEST AND BOX FITTINGS

Hasp with latch
with lock eye, without closing hook

with sash
for padlock of max. Ø10 mm
eye: Ø4 mm
for hook width of: 25 mm
number of holes: 3
Hole: Ø5,5 mm

Dimension a	Dimension b	Dimension c	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: yellow galvanized						
93 mm	24 mm	30 mm	25	Piece	0,091	**347772**

Hasp with latch
with lock eye, without closing hook

for padlock of max. Ø7 mm
for hook width of: 25 mm
number of holes: 3

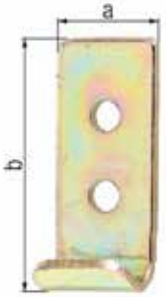
Dimension a	Dimension b	Dimension c	eye	Hole	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: yellow galvanized								
93 mm	24 mm	30 mm	Ø4 mm	Ø5,0 mm	25	Piece	0,075	**347826**
117 mm	29 mm	35 mm	Ø5 mm	Ø6,5 mm	25	Piece	0,175	**347833**

Hasp with latch
with lock eye, with cranked closing hook

for padlock of max. Ø7 mm
eye: Ø4 mm
for hook width of: 25 mm
number of holes: 3
Hole: Ø5 mm

Dimension a	Dimension b	Dimension c	PU	Sales unit	Pieces per sale unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: yellow galvanized							
93 mm	24 mm	30 mm	10	Blister	1 pc.	0,110	**348021**

Closing hook
straight



Dimension a	Dimension b	material thickness	number of holes	Hole	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: yellow galvanized								
12 mm	30 mm	1,5 mm	2	Ø3,5 mm	50	Piece	0,004	**347857**
18 mm	23 mm	2,0 mm	2	Ø4,2 mm	50	Piece	0,008	**347864**
25 mm	34 mm	2,0 mm	3	Ø4,5 mm	25	Piece	0,015	**347871**
Material: stainless steel								
25 mm	34 mm	2,0 mm	3	Ø4,5 mm	10	Piece	0,034	**361372** VA

CHEST AND BOX FITTINGS

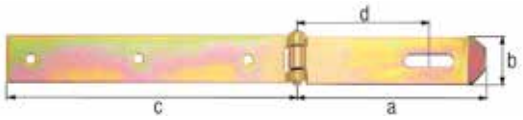
Closing hook

cranked

material thickness: 2 mm

Dimension a	Dimension b	number of holes	Hole	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: yellow galvanized							
13 mm	32 mm	2	Ø3,3 mm	50	Piece	0,005	**347901**
18 mm	50 mm	2	Ø4,3 mm	50	Piece	0,015	**347918**
25 mm	83 mm	3	Ø4,6 mm	25	Piece	0,037	**347925**

HASPS



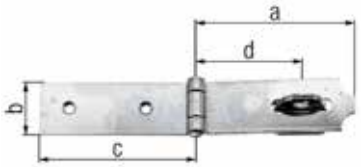
Hasp
straight end
material thickness: 3 mm
number of holes: 1 / 3
Hole: Ø8 x 35 / 6,5 mm

Dimension a	Dimension b	Dimension c	Dimension d	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: yellow galvanized							
140 mm	35 mm	210 mm	99,0 mm	10	Piece	0,260	**315986**
167 mm	35 mm	210 mm	126,5 mm	10	Piece	0,280	**316020**

Hasp
with decorative final
material thickness: 3 mm
number of holes: 1 / 1 / 2
Hole: Ø7 x 35 / 8,5 x 8,5 / 6 mm

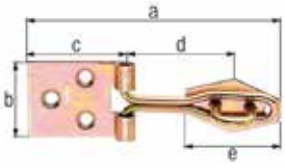
Dimension a	Dimension b	Dimension c	Dimension d	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: yellow galvanized							
80 mm	35 mm	260 mm	44 mm	10	Piece	0,200	**316143**

Hasp
with eye on plate
for padlock of max. Ø8 mm
material thickness: 2 mm
number of holes: 1 / 2
Hole: Ø8 x 37 / 5,8 mm



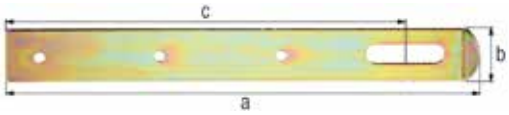
Dimension a	Dimension b	Dimension c	Dimension d	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...	
Material: stainless steel								
99 mm	35 mm	99 mm	66,5 mm	5	Piece	0,161	**361419**	VA

Hasp
with staple made of rolled wire
with eye on plate
for padlock according to table



Dimension a	Dimension b	Dimension c	Dimension d	Dimension e	Padlock	number of holes	Hole	PU	Sales unit	Pieces per sale unit	Weight per UQ (kg)	Order no. 4004338...	
Material: steel, surface: yellow galvanized													
80,0 mm	26,0 mm	30,0 mm	35 mm	31 mm	Ø7 mm	3 / 2	Ø4,0 / 3,0 mm	10	Piece	-	0,022	**348205**	
80,0 mm	26,0 mm	30,0 mm	35 mm	31 mm	Ø7 mm	3 / 2	Ø4,0 / 3,0 mm	10	Blister	1 pc.	0,044	**348045**	
93,5 mm	31,5 mm	33,5 mm	42 mm	42 mm	Ø10 mm	3 / 2	Ø4,3 / 4,0 mm	10	Piece	-	0,038	**348212**	
93,5 mm	31,5 mm	33,5 mm	42 mm	42 mm	Ø10 mm	3 / 2	Ø4,3 / 4,0 mm	10	Blister	1 pc.	0,048	**348052**	
120,0 mm	31,5 mm	35,0 mm	67 mm	43 mm	Ø10 mm	3 / 2	Ø4,4 / 3,6 mm	10	Piece	-	0,045	**348229**	
120,0 mm	31,5 mm	35,0 mm	67 mm	43 mm	Ø10 mm	3 / 2	Ø4,4 / 3,6 mm	10	Blister	1 pc.	0,062	**348908**	
140,0 mm	36,0 mm	45,0 mm	73 mm	58 mm	Ø12 mm	3 / 4	Ø5,0 / 4,0 mm	10	Piece	-	0,075	**348267**	
140,0 mm	36,0 mm	45,0 mm	73 mm	58 mm	Ø12 mm	3 / 4	Ø5,0 / 4,0 mm	10	Blister	1 pc.	0,097	**348915**	

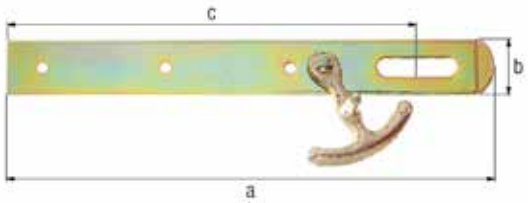
HASPS



Hasp
without hook

material thickness: 4 mm
number of holes: 1 / 3
Hole: Ø10 x 40 / 5,5 mm

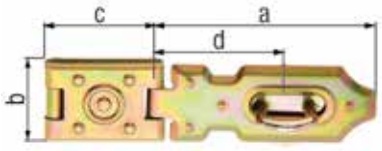
Dimension a	Dimension b	Dimension c	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: yellow galvanized						
250 mm	30 mm	112 mm	10	Piece	0,220	**316266**



Hasp
with hook

applicable DIN left and right
material thickness: 4 mm
number of holes: 1 / 3
Hole: Ø10 x 40 / 5,5 mm

Dimension a	Dimension b	Dimension c	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: yellow galvanized						
250 mm	30 mm	112 mm	10	Piece	0,270	**316389**



Security closing hasp
stamped

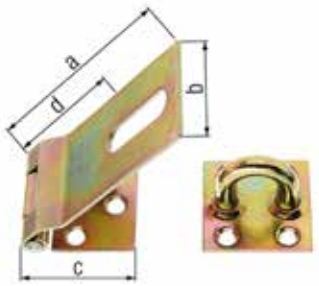
with eye on plate
for padlock of max. Ø10 mm
with blind screw holes
number of holes: 1 / 4 / 2
Hole: Ø7 x 23,5 / 3 / 4 mm

Dimension a	Dimension b	Dimension c	Dimension d	PU	Sales unit	Pieces per sale unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: yellow galvanized								
70 mm	26 mm	35 mm	42 mm	10	Piece	-	0,050	**348304**
70 mm	26 mm	35 mm	42 mm	10	Blister	1 pc.	0,059	**348953**
90 mm	26 mm	35 mm	64 mm	10	Blister	1 pc.	0,076	**348960**

HASPS

Security closing hasp

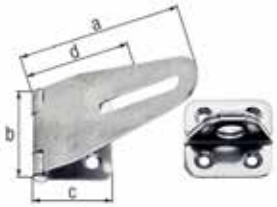
with eye on plate
with blind screw holes



Dimension a	Dimension b	Dimension c	Dimension d	Padlock	material thickness	number of holes	Hole	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: yellow galvanized											
85 mm	37 mm	38 mm	62,5 mm	Ø12 mm	2 mm	1 / 3 / 4	Ø10 x 32 / 6 / 5,4 mm	10	Piece	0,115	**348359**
93 mm	37 mm	38 mm	70,5 mm	Ø12 mm	2 mm	1 / 3 / 4	Ø10 x 32 / 6 / 5,4 mm	10	Piece	0,120	**348366**
153 mm	50 mm	68 mm	121,5 mm	Ø15 mm	3 mm	1 / 4 / 4	Ø14 x 40 / 8 / 8,5 mm	5	Piece	0,351	**348373**

Security closing hasp

with eye on plate
for padlock of max. Ø11 mm
with blind screw holes
material thickness: 1,5 mm
number of holes: 1 / 2 / 4
Hole: Ø5,5 x 38 / 5 / 4 mm



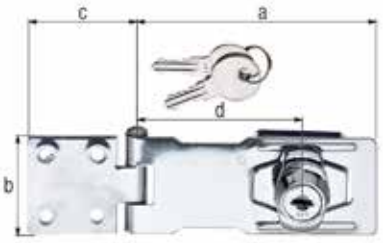
Dimension a	Dimension b	Dimension c	Dimension d	Dimension e	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...	
Material: stainless steel									
83 mm	37 mm	30 mm	56 mm	35 mm	10	Piece	0,081	**361426**	VA

Security closing hasp

lockable

Die-cast lock with interior parts made of brass
with blind screw holes
material thickness: 1,75 mm
number of holes: 4 / 4
Hole: Ø4,5 / 5 mm

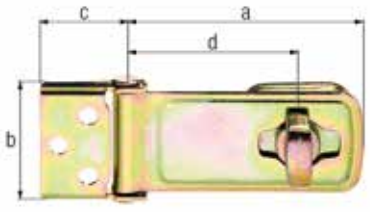
Accessory note: Two nickel-plated keys included.



Dimension a	Dimension b	Dimension c	Dimension d	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: chromated							
100 mm	41,5 mm	40 mm	70 mm	10	Piece	0,203	**348458**
115 mm	41,5 mm	40 mm	85 mm	10	Piece	0,211	**348465**

Security closing hasp

for padlock of max. Ø9 mm
Eye suspended by springs and able to rotate; can therefore be locked without lock
with blind screw holes
material thickness: 2 mm
number of holes: 7
Hole: Ø6 mm



Dimension a	Dimension b	Dimension c	Dimension d	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: yellow galvanized							
85 mm	40 mm	30 mm	62 mm	10	Piece	0,147	**348397**

HASPS

Eye plate

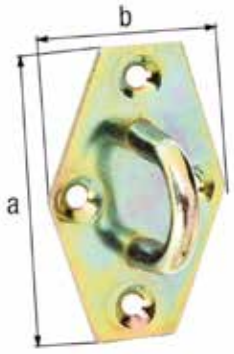
n° 348502 for hasp n° 315986, 316020, 316266, 316389, 348359, 348366
n° 348519 is suitable for item n° 348373
number of holes: 4

Dimension a	Dimension b	Dimension c	eye height	eye width	material thickness	Hole	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: yellow galvanized										
37 mm	37 mm	Ø7 mm	27 mm	27,5 mm	2 mm	5,5 mm	25	Piece	0,038	**348502**
50 mm	50 mm	Ø8 mm	29 mm	32,0 mm	3 mm	9,0 mm	10	Piece	0,079	**348519**

Eye plate

suitable for security hasp 361419, 361426
material thickness: 2 mm
number of holes: 1 / 4
Hole: Ø12 / 4 mm

Dimension a	Dimension b	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: stainless steel					
VA 35 mm	35 mm	25	Piece	0,032	**361433**



Eye plate

suitable for security hasp 315986, 316020, 316143, 316266
eye width: 31 mm
eye height: 23 mm
eye: Ø6 mm
number of holes: 4
Hole: Ø4,5 mm

Dimension a	Dimension b	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: yellow galvanized					
64 mm	41 mm	25	Piece	0,032	**316471**

NOTES

HANGERS // GATE HINGES // HOOKS

Expertise and innovative equipment

Advantages

- Wide and deep product range
- Multitude of items „Made in Germany“

To fasten garden gate to pillars so that they rotate, gate hinges and hooks available in various designs are usually used. These are usually available galvanised and yellow chromated but can also be delivered in hot-dip galvanized and individual dimensions in stainless steel.

Gate hinges/band hooks

With gate hinges a distinction is made between roller diameters and lengths. The smaller the roller diameter, the smaller the material used in terms of width and rigidity.

The length depends on the material‘s dimensions in that the greater is it of course, the heavier and stronger the material used. The product range goes from gate hinges with a 10 mm roller diameter and made of 33 x 3 mm material and the shortest length of 300 mm to gate hinges made of 60 x 8 mm material with a roller diameter of 20 mm and a total length of 1400 mm.

Practice has shown that, for single-leaf garden gates, gate hinges with a roller diameter of 13 mm and a total length of 500 mm and, for two-leaf garden gates, gate hinges with a roller diameter of 16 mm and a total length by 700 mm are used. Depending on the design of the gates and the timber sizes used, hinges that are 100 - 200 mm shorter or longer are also used. You cannot go wrong if you recommend the aforementioned dimensions for garden gates!

Angled hinges/cranked band hooks

Angled hinges are used for especially heavy gates, barn doors, etc. They have the advantage in that they provide additional reinforcement to the frame of the gates or the doors if they are attached with appropriately sized screws.

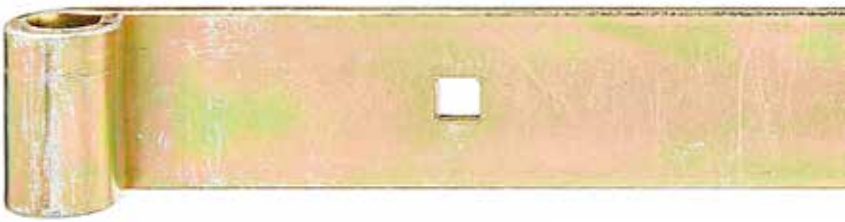
Adjustable gate hinge/band hooks

Practice show, that garden gates settle over time, i.e., the post comes loose or comes up because of frost so that the gate no longer sits correctly aligned between the posts. A remedy is provided here by adjustable gate hinges. The special design allows adjustment of the gates while mounted.

Only adjusting nuts may be loosened and retightened after alignment. This is a great advantage since one can immediately see during adjustments or measure with the spirit level whether the gate is precisely aligned. Adjustable gate hinges are available in total lengths of around 470 mm and 670 mm and are fully equipped with a screwed bracket.

Band hooks for archways

Modern timber gates are offered in different frame shapes, e. g. with round arches curving upwards or downwards. Arc gate hinges match these gate shapes and can be adjusted to almost all known radii from different gate manufacturers and mounted like a normal gate hinge.



The individual segments of gate hinges are pivot-mounted and bend easily in the designated shape. Arc gate hinges are available for single gates (length 642 mm) and double gates (length 782 mm).

Fittingly rigid gate hinges in same lengths are available for the bottom fastening of gates. Adjustable hooks are recommended for mounting. Apart from the functionality of arc gate hinges, the decorative appearance which harmonises well with modern gate shapes should also be highlighted.

Stahl

Lifting gate fittings

A special problem occurs if the foundation on which the gate stands is not even. If the terrain immediately behind the gate rises, conventional gate fittings cannot be used. As a solution we offer pull-up gate fittings which bridge the rising terrain, that is, „customise the gate to the terrain“.

There are two different designs to choose from:

- In the first design a double hinge is pivot-mounted and is hung on a normal hook. On the front edge the gate is conducted th-rough a roller. When opening the gate in the direction of the rising terrain, the gate adapts accordingly. This design is available with a 400 mm and 700 mm hinge height

- In the second design the gate, when opened, rises by attaching angle ball joints. The slope is adjustable through different posi tions and depends on the gate size. A gate opening above 90° is possible. For the assembly at least 80 mm wide posts are needed. The fittings can be used to the right and left and are rust-protected through hot galvanisation.
  Each fitting has a comprehensive assembly manual. Fastening screws are also included in the delivery kit.

Screwed brackets

Gate hinges and angled hinges are attached to hooks. Multiple designs are available here as well. The most important are hooks on plates which come with and without impingement. Impinge-ment means that the distance between drift pin and screw-on plate is around 10 mm (in D I) or 25 mm (D II). D I hooks with elbowed hinge are always used if door and gate should be flush-mounted to the post. D II hooks with impingement are used if the door is a cellar door for example which has a projecting impingement.

Adjustable hook on plate

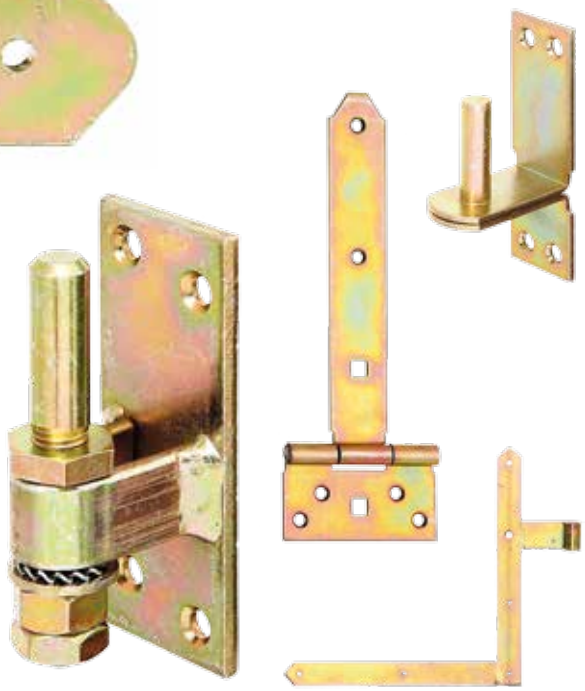
An adjustable hook on plates which allows the adjustment of already installed gates is likewise available. For this purpose, as already described in adjustable gate hinges, the nuts are loosened, the gate aligned and then the nuts retightened.

Hooks for sealing, driving in and screwing in

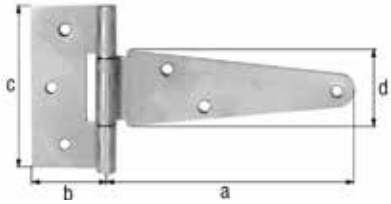
Apart from these screwed brackets, there are different hooks that are walled in, driven in or screwed in.

T-hinges and strap hinges

For simple batten doors, cellar doors, etc. one can also use T-hinges or strap hinges. While the screw-on lug on the post or wall side in T-hinges is relatively narrow, in strap hinges it is longer.



TEE HINGES AND STRAP HINGES

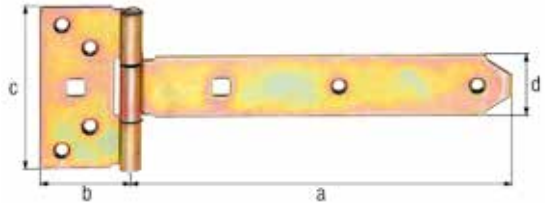


Tee hinge

with riveted pin

Accessory note: Suitable fixing material can be ordered separately.

	Dimension a	Dimension b	Dimension c	Dimension d	material thickness	number of holes	Hole	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
	Material: stainless steel										
VA	150 mm	46,0 mm	100 mm	46,5 mm	2,0 mm	6	Ø6,0 mm	10	Piece	0,212	**309091**



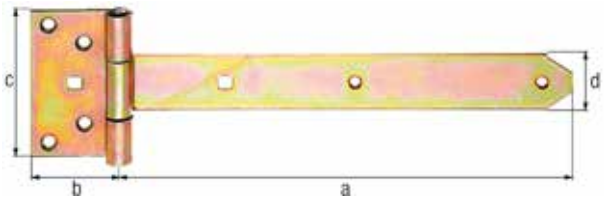
Tee hinge

light
with riveted pin
Hole: Ø6,5 / 9 x 9 mm

Accessory note: Suitable fixing material can be ordered separately.

	Dimension a	Dimension b	Dimension c	Dimension d	material thickness	number of holes	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
	Material: steel, surface: yellow galvanized									
	192,0 mm	45 mm	90 mm	34 mm	2,0 mm	6 / 2	10	Piece	0,290	**310615**
	242,5 mm	45 mm	90 mm	34 mm	2,0 mm	6 / 2	10	Piece	0,330	**310660**
	292,5 mm	45 mm	90 mm	34 mm	2,3 mm	7 / 2	10	Piece	0,370	**310714**
	393,5 mm	44 mm	92 mm	34 mm	2,5 mm	7 / 2	10	Piece	0,435	**310813**
	Material: steel, surface: cataphoretic black painting									
	242,5 mm	45 mm	90 mm	34 mm	2,0 mm	6 / 2	6	Piece	0,330	**309701**
	292,5 mm	45 mm	90 mm	34 mm	2,3 mm	7 / 2	6	Piece	0,360	**309718**
	393,5 mm	44 mm	92 mm	34 mm	2,5 mm	7 / 2	6	Piece	0,450	**309725**
	Material: stainless steel									
VA	191,5 mm	44 mm	92 mm	34 mm	3,0 mm	6 / 2	6	Piece	0,293	**327125**
VA	242,0 mm	44 mm	92 mm	34 mm	3,0 mm	6 / 2	6	Piece	0,330	**327132**
VA	292,0 mm	44 mm	92 mm	34 mm	3,0 mm	7 / 2	6	Piece	0,400	**326142**

TEE HINGES AND STRAP HINGES

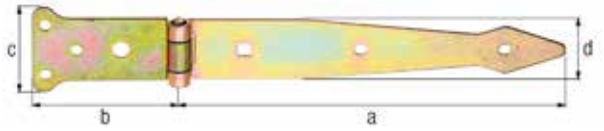


Tee hinge

heavy
with riveted pin
material thickness: 4 mm
Hole: Ø6,5 / 9 x 9 mm

Accessory note: Suitable fixing material can be ordered separately.

Dimension a	Dimension b	Dimension c	Dimension d	number of holes	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: yellow galvanized								
291 mm	59 mm	103 mm	40 mm	6 / 2	10	Piece	0,630	**310912**
391 mm	59 mm	103 mm	40 mm	7 / 2	10	Piece	0,770	**310967**
491 mm	59 mm	103 mm	40 mm	8 / 2	10	Piece	0,886	**311018**
591 mm	59 mm	103 mm	40 mm	9 / 2	10	Piece	1,010	**311063**



Strap hinge

light
with riveted pin
material thickness: 2,5 mm
Hole: Ø6 / 9 / 7 x 7 mm

Accessory note: Suitable fixing material can be ordered separately.

Dimension a	Dimension b	Dimension c	Dimension d	number of holes	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: yellow galvanized								
202 mm	77 mm	48 mm	35 mm	5 / 1 / 1	10	Piece	0,182	**315092**
252 mm	77 mm	48 mm	35 mm	5 / 1 / 1	10	Piece	0,213	**315146**
302 mm	77 mm	48 mm	35 mm	6 / 1 / 1	10	Piece	0,249	**315191**

Strap hinge

heavy
with riveted pin
Hole: Ø6 / 9 x 9 mm

Accessory note: Suitable fixing material can be ordered separately.

Dimension a	Dimension b	Dimension c	Dimension d	material thickness	number of holes	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: yellow galvanized									
300 mm	101 mm	63 mm	45 mm	3,20 mm	5 / 2	10	Piece	0,492	**315344**
400 mm	101 mm	63 mm	45 mm	3,60 mm	6 / 2	10	Piece	0,630	**315399**
500 mm	101 mm	63 mm	45 mm	3,75 mm	6 / 2	10	Piece	0,800	**315443**
600 mm	101 mm	63 mm	45 mm	3,75 mm	6 / 2	10	Piece	0,950	**315498**

TEE HINGES AND STRAP HINGES

Strap hinge
continued from page 105

Dimension a	Dimension b	Dimension c	Dimension d	material thickness	number of holes	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: cataphoretic black painting									
300 mm	101 mm	63 mm	45 mm	3,20 mm	5 / 2	6	Piece	0,490	**309657**
400 mm	101 mm	63 mm	45 mm	3,60 mm	6 / 2	6	Piece	0,620	**309664**
500 mm	101 mm	63 mm	45 mm	3,75 mm	6 / 2	6	Piece	0,750	**309671**
600 mm	101 mm	63 mm	45 mm	3,75 mm	6 / 2	6	Piece	0,950	**309688**

GATE HINGES, BANDS AND HOOKS

Hook on plate
DI hook

Accessory note: Suitable fixing material can be ordered separately.

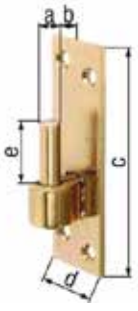
Dimension a	Dimension b	Dimension c	Dimension d	Dimension e	material thickness	number of holes	Hole	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...	
Material: steel, surface: yellow galvanized												
Ø10 mm	10 mm	90 mm	30 mm	35 mm	2,5 mm	4	Ø5,0 mm	10	Piece	0,103	**311155**	
Ø13 mm	11 mm	100 mm	35 mm	40 mm	4,0 mm	4	Ø6,5 mm	10	Piece	0,205	**311230**	
Ø16 mm	13 mm	115 mm	40 mm	45 mm	4,5 mm	4	Ø7,2 mm	10	Piece	0,380	**311261**	
Ø20 mm	20 mm	167 mm	60 mm	45 mm	6,0 mm	6	Ø7,2 mm	1	Piece	0,870	**311315**	
Material: steel, surface: hot galvanized												
Ø13 mm	11 mm	100 mm	35 mm	40 mm	4,0 mm	4	Ø6,0 mm	10	Piece	0,205	**311209**	
Ø16 mm	13 mm	115 mm	40 mm	45 mm	4,5 mm	4	Ø7,2 mm	10	Piece	0,400	**311254**	
Ø20 mm	20 mm	167 mm	60 mm	45 mm	6,0 mm	6	Ø7,2 mm	1	Piece	0,900	**311308**	
Material: steel, surface: cataphoretic black painting												
Ø16 mm	13 mm	115 mm	40 mm	45 mm	4,5 mm	4	Ø7,2 mm	6	Piece	0,340	**309770**	
Material: stainless steel												
Ø13 mm	10 mm	100 mm	35 mm	40 mm	4,0 mm	4	Ø6,0 mm	4	Piece	0,220	**318215**	VA
Ø16 mm	13 mm	115 mm	40 mm	45 mm	5,0 mm	4	Ø8,0 mm	4	Piece	0,380	**318222**	VA

Hook on plate
DII hook

Accessory note: Suitable fixing material can be ordered separately.

Dimension a	Dimension b	Dimension c	Dimension d	Dimension e	material thickness	number of holes	Hole	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: yellow galvanized											
Ø10 mm	25 mm	90 mm	30 mm	35 mm	2,5 mm	4	Ø5,0 mm	10	Piece	0,117	**311353**
Ø13 mm	25 mm	100 mm	35 mm	40 mm	4,0 mm	4	Ø6,0 mm	10	Piece	0,238	**311438**
Ø16 mm	28 mm	113 mm	40 mm	45 mm	4,5 mm	4	Ø7,0 mm	10	Piece	0,390	**311469**
Ø20 mm	35 mm	189 mm	60 mm	60 mm	6,0 mm	6	Ø7,5 mm	1	Piece	1,000	**311513**
Material: steel, surface: hot galvanized											
Ø13 mm	25 mm	100 mm	35 mm	40 mm	4,0 mm	4	Ø6,0 mm	10	Piece	0,238	**311407**
Ø16 mm	28 mm	113 mm	40 mm	45 mm	4,5 mm	4	Ø7,0 mm	10	Piece	0,450	**311452**
Ø20 mm	35 mm	189 mm	60 mm	60 mm	6,0 mm	6	Ø7,5 mm	1	Piece	0,970	**311506**

Hook on plate
DI hook
Southern German look



Accessory note: Suitable fixing material can be ordered separately.

Dimension a	Dimension b	Dimension c	Dimension d	Dimension e	material thickness	number of holes	Hole	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: yellow galvanized											
Ø10 mm	10 mm	110 mm	36 mm	30 mm	4 mm	4	Ø6,5 mm	10	Piece	0,190	**318819**
Ø12 mm	10 mm	110 mm	36 mm	40 mm	4 mm	4	Ø6,5 mm	10	Piece	0,220	**318833**
Ø13 mm	10 mm	110 mm	36 mm	45 mm	4 mm	4	Ø6,0 mm	10	Piece	0,220	**318772**
Ø14 mm	15 mm	133 mm	50 mm	45 mm	6 mm	6	Ø8,5 mm	10	Piece	0,465	**318857**
Ø16 mm	13 mm	133 mm	40 mm	45 mm	5 mm	4	Ø8,5 mm	10	Piece	0,390	**318796**
Ø20 mm	20 mm	133 mm	50 mm	60 mm	6 mm	6	Ø8,5 mm	1	Piece	0,620	**318895**

GATE HINGES, BANDS AND HOOKS

Hook on plate
DII hook
Southern German look

Accessory note: Suitable fixing material can be ordered separately.

Dimension a	Dimension b	Dimension c	Dimension d	Dimension e	material thickness	number of holes	Hole	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: yellow galvanized											
Ø10 mm	20 mm	110 mm	36 mm	30 mm	4 mm	4	Ø6,5 mm	10	Piece	0,210	**318826**
Ø12 mm	25 mm	110 mm	36 mm	40 mm	4 mm	4	Ø6,5 mm	10	Piece	0,262	**318840**
Ø13 mm	15 mm	110 mm	36 mm	45 mm	4 mm	4	Ø6,0 mm	10	Piece	0,250	**318789**
Ø14 mm	28 mm	133 mm	50 mm	45 mm	6 mm	6	Ø8,0 mm	10	Piece	0,495	**318864**
Ø16 mm	28 mm	133 mm	40 mm	45 mm	5 mm	4	Ø8,5 mm	10	Piece	0,420	**318802**
Ø20 mm	35 mm	133 mm	50 mm	60 mm	6 mm	6	Ø8,5 mm	1	Piece	0,630	**318901**

Hook on plate
DI hook

hammered edges
material thickness: 5 mm
number of holes: 4
Hole: Ø8,5 mm

Accessory note: Suitable fixing material can be ordered separately.

Dimension a	Dimension b	Dimension c	Dimension d	Dimension e	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: galvanized, black powder coated								
Ø16 mm	10 mm	150 mm	45 mm	45 mm	2	Piece	0,560	**320058**

Hook on plate
DII hook
wrought iron

hammered edges
material thickness: 5 mm
number of holes: 4
Hole: Ø8,5 mm

Accessory note: Suitable fixing material can be ordered separately.

Dimension a	Dimension b	Dimension c	Dimension d	Dimension e	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: galvanized, black powder coated								
Ø16 mm	25 mm	150 mm	45 mm	45 mm	2	Piece	0,595	**320102**

Hook for sealing
E wall hook

Dimension a	Dimension b	Dimension c	material thickness	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: yellow galvanized, for 1/2 stone							
Ø13 mm	186 mm	40 mm	6 mm	10	Piece	0,320	**311575**
Ø16 mm	193 mm	45 mm	8 mm	10	Piece	0,410	**311612**
Ø20 mm	200 mm	65 mm	8 mm	1	Piece	0,730	**311162**
Material: steel, surface: hot galvanized, for 1/2 stone							
Ø16 mm	193 mm	45 mm	8 mm	10	Piece	0,400	**311599**
Material: steel, surface: hot galvanized, for 1/1 stone							
Ø20 mm	284 mm	60 mm	8 mm	1	Piece	0,930	**311643**

GATE HINGES, BANDS AND HOOKS

Hook for sealing

F wall hook

number of holes: 1

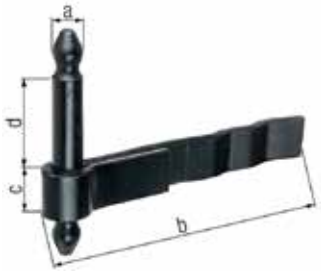
Hole: Ø6 mm

Dimension a	Dimension b	Dimension c	Dimension d	material thickness	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: yellow galvanized								
Ø10 mm	118 mm	17 mm	30 mm	4,5 mm	10	Piece	0,150	**311674**
Ø13 mm	131 mm	20 mm	45 mm	5,0 mm	10	Piece	0,220	**311742**
Ø16 mm	164 mm	25 mm	45 mm	6,0 mm	10	Piece	0,390	**311780**

Hook for sealing

F wall hook

material thickness: 6 mm



Dimension a	Dimension b	Dimension c	Dimension d	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: galvanized, black powder coated							
Ø16 mm	164 mm	25 mm	45 mm	2	Piece	0,460	**320157**

Hook for screwing in

without support

number of holes: 4

Assembly note: Depending on the size of hook a threaded bar of M12 or M16 is required for the fixation on the post.

Accessory note: Two square washer included. Screws not included.

Dimension a	Dimension b	Dimension c	Dimension d	Dimension e	Dimension f	Hole	suitable for threads	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: yellow galvanized											
Ø16 mm	16 mm	23 mm	45 mm	85 mm	65 mm	Ø6,0 mm	M12	4	Piece	0,195	**311889**
Ø20 mm	27 mm	23 mm	60 mm	110 mm	80 mm	Ø6,4 mm	M16	4	Piece	0,690	**311926**

Hook for screwing in

without support

number of holes: 4

Hole: Ø6,5 mm

Accessory note: with square washer and nut

Dimension a	Dimension b	Dimension c	thickness of square washer	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: yellow galvanized							
Ø10 mm	180 mm	40 mm	5 mm	10	Piece	0,250	**318956**
Ø16 mm	180 mm	50 mm	6 mm	10	Piece	0,550	**318994**
Ø20 mm	180 mm	65 mm	8 mm	1	Piece	1,000	**319014**

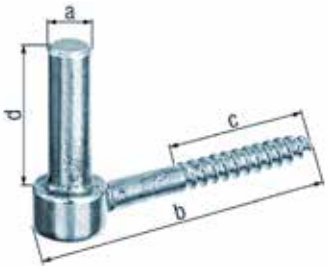
GATE HINGES, BANDS AND HOOKS

Hook for screwing in
with support

number of holes: 4 / 1
Hole: Ø6,5 / 7 mm

Accessory note: with square washer and nut

Dimension a	Dimension b	Dimension c	Dimension d	thickness of square washer	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: yellow galvanized								
Ø16 mm	180 mm	45 mm	140 mm	6 mm	10	Piece	0,660	**318932**
Ø20 mm	180 mm	60 mm	160 mm	8 mm	10	Piece	1,140	**318949**



Hook for screwing in
J hook

with wood thread

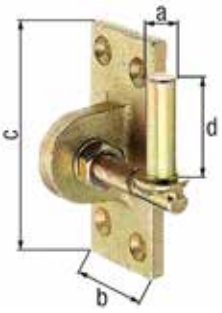
Dimension a	Dimension b	Dimension c	Dimension d	Wood-screw thread	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: yellow galvanized								
Ø10 mm	115 mm	57 mm	35 mm	Ø12 mm	10	Piece	0,091	**312084**
Ø13 mm	115 mm	57 mm	45 mm	Ø12 mm	10	Piece	0,150	**312138**
Ø13 mm	140 mm	60 mm	45 mm	Ø12 mm	10	Piece	0,200	**311186**
Ø13 mm	165 mm	70 mm	45 mm	Ø12 mm	10	Piece	0,195	**312237**
Ø16 mm	110 mm	52 mm	45 mm	Ø10 mm	10	Piece	0,200	**306755**
Ø16 mm	165 mm	70 mm	45 mm	Ø12 mm	10	Piece	0,260	**312183**
Material: stainless steel								
VA Ø13 mm	155 mm	65 mm	40 mm	Ø12 mm	4	Piece	0,192	**326128**
VA Ø14 mm	105 mm	55 mm	40 mm	Ø10 mm	10	Piece	0,150	**309053**

Hook for screwing in

adjustable
Thread: M12

Accessory note: with plastic plug

Dimension a	Dimension b	Dimension c	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: hot galvanized						
Ø13 mm	120 mm	40 mm	10	Piece	0,162	**312305**



Hook for screwing on

adjustable by 20 mm
with nuts and two suspension rings
number of holes: 4
Hole: Ø7 mm

- The hook allows you to adjust the gate while it is mounted.

Accessory note: Suitable fixing material can be ordered separately.

Dimension a	Dimension b	Dimension c	Dimension d	Thread	material thickness	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: yellow galvanized									
Ø13 mm	45 mm	105 mm	40 mm	M12	8,0 mm	6	Piece	0,520	**318239**
Ø16 mm	45 mm	105 mm	45 mm	M16	8,0 mm	6	Piece	0,543	**318246**
Material: steel, surface: hot galvanized									
Ø13 mm	40 mm	100 mm	40 mm	M12	4,5 mm	6	Piece	0,360	**318758**
Ø16 mm	40 mm	100 mm	45 mm	M16	4,5 mm	6	Piece	0,450	**318765**
Material: stainless steel									
VA Ø13 mm	40 mm	100 mm	40 mm	M12	4,5 mm	4	Piece	0,345	**361471**

GATE HINGES, BANDS AND HOOKS

Dimension a	Dimension b	Dimension c	Dimension d	Thread	material thickness	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...	
Ø16 mm	40 mm	100 mm	45 mm	M16	4,5 mm	4	Piece	0,450	**361488**	VA

Hook for screwing on
continued from page 110

Hook for screwing on
wrought iron

hammered edges
adjustable by 20 mm
material thickness: 6 mm
number of holes: 4
Hole: Ø8,5 mm

Accessory note: Suitable fixing material can be ordered separately.

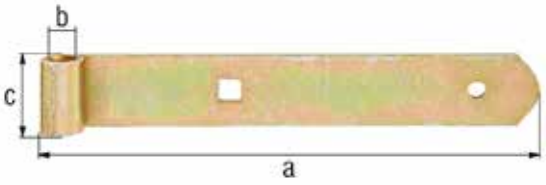
Dimension a	Dimension b	Dimension c	Dimension d	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: black powder coated							
Ø16 mm	45 mm	150 mm	45 mm	6	Piece	0,642	**323066**

Hook for screwing on

adjustable
material thickness: 4,5 mm
number of holes: 4
Hole: Ø7 mm

Accessory note: Suitable fixing material can be ordered separately.

Dimension a	Dimension b	Dimension c	Dimension d	Dimension e	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: yellow galvanized								
Ø13 mm	5 - 23 mm	100 mm	40 mm	40 mm	10	Piece	0,352	**311131**
Ø16 mm	5 - 25 mm	100 mm	40 mm	45 mm	10	Piece	0,405	**311148**



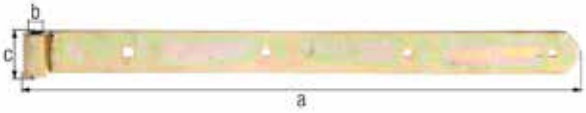
Band hook
straight, round end

material thickness: 3 mm
Hole: Ø7 / 9 x 9 mm

Accessory note: Suitable fixing material can be ordered separately.

Dimension a	Dimension b	Dimension c	number of holes	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: yellow galvanized							
200 mm	Ø10 mm	30 mm	1 / 1	10	Piece	0,165	**313630**
300 mm	Ø10 mm	30 mm	2 / 1	10	Piece	0,247	**313647**
400 mm	Ø10 mm	30 mm	3 / 1	10	Piece	0,329	**313692**
500 mm	Ø10 mm	30 mm	4 / 1	10	Piece	0,399	**313746**

GATE HINGES, BANDS AND HOOKS

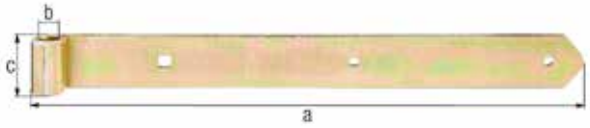


Band hook
straight, round end

material thickness: 5 mm
number of holes: 3 / 1
Hole: Ø7 / 9 x 9 mm

Accessory note: Suitable fixing material can be ordered separately.

Dimension a	Dimension b	Dimension c	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: yellow galvanized						
500 mm	Ø12 mm	40 mm	10	Piece	0,820	**313760**
600 mm	Ø12 mm	40 mm	10	Piece	1,000	**313777**



Band hook
straight, round end

Hole: Ø7 / 9 x 9 mm

Accessory note: Suitable fixing material can be ordered separately.

	Dimension a	Dimension b	Dimension c	material thickness	number of holes	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
	Material: steel, surface: yellow galvanized								
	300 mm	Ø13 mm	40 mm	5 mm	2 / 1	10	Piece	0,524	**313807**
	400 mm	Ø13 mm	40 mm	5 mm	2 / 1	10	Piece	0,674	**313869**
	500 mm	Ø13 mm	40 mm	5 mm	3 / 1	10	Piece	0,824	**313913**
	600 mm	Ø13 mm	40 mm	5 mm	3 / 1	10	Piece	1,032	**313968**
	700 mm	Ø13 mm	40 mm	5 mm	4 / 1	10	Piece	1,182	**314002**
	800 mm	Ø13 mm	40 mm	5 mm	4 / 1	10	Piece	1,306	**314057**
	Material: steel, surface: hot galvanized								
	300 mm	Ø13 mm	40 mm	5 mm	2 / 1	10	Piece	0,532	**313791**
	400 mm	Ø13 mm	40 mm	5 mm	2 / 1	10	Piece	0,715	**313845**
	500 mm	Ø13 mm	40 mm	5 mm	3 / 1	10	Piece	0,880	**313890**
	600 mm	Ø13 mm	40 mm	5 mm	3 / 1	10	Piece	1,065	**313944**
	700 mm	Ø13 mm	40 mm	5 mm	4 / 1	10	Piece	1,183	**313999**
	800 mm	Ø13 mm	40 mm	5 mm	4 / 1	10	Piece	1,384	**314040**
	Material: stainless steel								
VA	400 mm	Ø13 mm	40 mm	4 mm	2 / 1	4	Piece	0,531	**313838**
VA	600 mm	Ø13 mm	40 mm	4 mm	3 / 1	4	Piece	0,762	**318192**

GATE HINGES, BANDS AND HOOKS

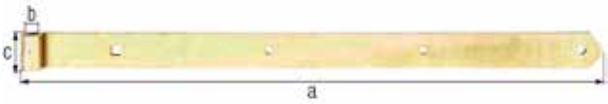
Band hook
cranked, round end

Cropping: 15 mm
material thickness: 4 mm
number of holes: 3 / 1
Hole: Ø7 / 9 x 9 mm

Assembly note: With the hook on plate type DI gate and posts are in alignment!

Accessory note: Suitable fixing material can be ordered separately.

Dimension a	Dimension b	Dimension c	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...	
Material: stainless steel							
500 mm	Ø13 mm	40 mm	4	Piece	0,644	**318185**	VA



Band hook
straight, round end

Hole: Ø9 / 11 x 11 mm
material thickness: 5 mm

Accessory note: Suitable fixing material can be ordered separately.

Dimension a	Dimension b	Dimension c	number of holes	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: yellow galvanized							
800 mm	Ø14 mm	45 mm	4 / 1	10	Piece	1,084	**313814**
1000 mm	Ø14 mm	45 mm	4 / 1	10	Piece	1,901	**313821**

Band hook
straight, round end

Hole: Ø9 / 11 x 11 mm

Accessory note: Suitable fixing material can be ordered separately.

Dimension a	Dimension b	Dimension c	number of holes	material thickness	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: yellow galvanized								
400 mm	Ø16 mm	45 mm	2 / 1	5 mm	10	Piece	0,875	**314101**
500 mm	Ø16 mm	45 mm	2 / 1	5 mm	10	Piece	1,116	**314156**
600 mm	Ø16 mm	45 mm	3 / 1	5 mm	10	Piece	1,333	**314200**
700 mm	Ø16 mm	45 mm	3 / 1	5 mm	10	Piece	1,505	**314255**
800 mm	Ø16 mm	45 mm	4 / 1	5 mm	10	Piece	1,719	**314309**
1000 mm	Ø16 mm	45 mm	4 / 1	5 mm	10	Piece	2,240	**314354**
1200 mm	Ø16 mm	45 mm	4 / 1	5 mm	4	Piece	2,130	**314378**
1200 mm	Ø16 mm	45 mm	4 / 1	6 mm	4	Piece	2,198	**313982**
Material: steel, surface: hot galvanized								
400 mm	Ø16 mm	45 mm	2 / 1	5 mm	10	Piece	0,944	**314095**

GATE HINGES, BANDS AND HOOKS

Band hook
continued from page 113

	Dimension a	Dimension b	Dimension c	number of holes	material thickness	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
	500 mm	Ø16 mm	45 mm	2 / 1	5 mm	10	Piece	1,128	**314149**
	600 mm	Ø16 mm	45 mm	3 / 1	5 mm	10	Piece	1,356	**314194**
	700 mm	Ø16 mm	45 mm	3 / 1	5 mm	10	Piece	1,591	**314248**
	800 mm	Ø16 mm	45 mm	4 / 1	5 mm	10	Piece	1,776	**314293**
	1000 mm	Ø16 mm	45 mm	4 / 1	5 mm	10	Piece	1,995	**314347**
	Material: stainless steel								
VA	800 mm	Ø16 mm	45 mm	4 / 1	5 mm	4	Piece	1,433	**318178**

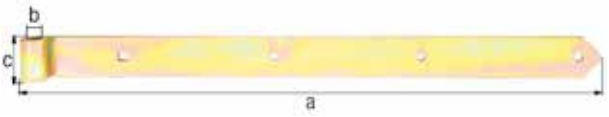
Band hook
cranked, round end

Cropping: 15 mm
material thickness: 5 mm
number of holes: 3 / 1
Hole: Ø9 / 11 x 11 mm

Assembly note: With the hook on plate type DI gate and posts are in alignment!

Accessory note: Suitable fixing material can be ordered separately.

	Dimension a	Dimension b	Dimension c	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
	Material: stainless steel						
VA	700 mm	Ø16 mm	45 mm	4	Piece	1,257	**318208**



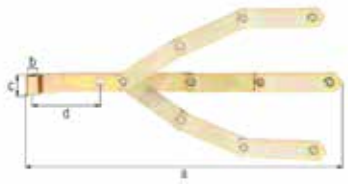
Band hook
straight, round end

material thickness: 8 mm
Hole: Ø9 / 11 / 11 x 11 mm

Accessory note: Suitable fixing material can be ordered separately.

Dimension a	Dimension b	Dimension c	number of holes	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: yellow galvanized							
800 mm	Ø20 mm	60 mm	2 / 1 / 1	1	Piece	3,130	**312343**
1000 mm	Ø20 mm	60 mm	3 / 1 / 1	1	Piece	3,930	**312398**
1200 mm	Ø20 mm	60 mm	4 / 1 / 1	1	Piece	4,690	**312442**
1400 mm	Ø20 mm	60 mm	5 / 1 / 1	1	Piece	5,420	**312497**
Material: steel, surface: hot galvanized							
800 mm	Ø20 mm	60 mm	2 / 1 / 1	1	Piece	3,280	**312336**
1000 mm	Ø20 mm	60 mm	3 / 1 / 1	1	Piece	3,980	**312381**
1200 mm	Ø20 mm	60 mm	4 / 1 / 1	1	Piece	4,810	**312435**
1400 mm	Ø20 mm	60 mm	5 / 1 / 1	1	Piece	5,540	**312480**

GATE HINGES, BANDS AND HOOKS



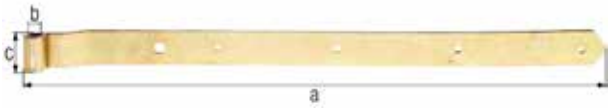
Band hook
for archways
cranked, round end

adjustable
material thickness: 5 mm
Cropping: 15 mm
Hole: Ø6,5 / 11 x 11 mm

Assembly note: With the hook on plate type DI gate and posts are in alignment!

Accessory note: Suitable fixing material can be ordered separately.

Dimension a	Dimension b	Dimension c	Dimension d	adjustment elements	number of holes	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: yellow galvanized									
642 mm	Ø13 mm	40 mm	135 mm	3	4 / 1	6	Piece	1,170	**318307**
782 mm	Ø16 mm	40 mm	135 mm	4	5 / 1	6	Piece	1,440	**318314**



Band hook
cranked, round end

Lower band to the band hooks no. 318307 and no. 318314
material thickness: 5 mm
Cropping: 15 mm
Hole: Ø7 / 11 x 11 mm

Assembly note: With the hook on plate type DI gate and posts are in alignment!

Accessory note: Suitable fixing material can be ordered separately.

Dimension a	Dimension b	Dimension c	Dimension d	number of holes	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: yellow galvanized								
642 mm	Ø13 mm	40 mm	135 mm	4 / 1	6	Piece	1,070	**318406**
782 mm	Ø16 mm	40 mm	135 mm	5 / 1	6	Piece	1,310	**318413**

GATE HINGES, BANDS AND HOOKS

Band hook
straight, round end

adjustable by 30 mm
material thickness: 5 mm
- The band hook allows you to adjust the gate while it is mounted.

Accessory note: Screw-on hooks included.
Suitable fixing material can be ordered separately.

Dimension a	Dimension b	Thread	number of holes	Hole	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: yellow galvanized								
460 mm	40 mm	M12	3 / 1 / 4	Ø7 / 9 x 9 / 6 mm	6	Piece	1,250	**318253**
660 mm	40 mm	M16	4 / 1 / 4	Ø7 / 9 x 9 / 6 mm	4	Piece	1,500	**318260**
Material: steel, surface: hot galvanized								
460 mm	40 mm	M12	3 / 1 / 4	Ø7 / 9 x 9 / 6 mm	6	Piece	1,170	**318277**
660 mm	40 mm	M16	4 / 1 / 4	Ø7 / 9 x 9 / 6 mm	4	Piece	1,630	**318284**

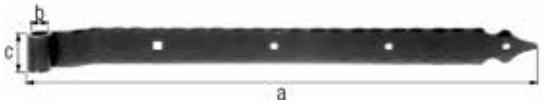
Band hook
straight, with decorative final

hammered edges
material thickness: 6 mm
Hole: Ø9 / 11 x 11 mm

Accessory note: Suitable fixing material can be ordered separately.

Dimension a	Dimension b	Dimension c	number of holes	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: galvanized, black powder coated							
400 mm	Ø16 mm	45 mm	2 / 1	2	Piece	0,925	**320300**
620 mm	Ø16 mm	45 mm	3 / 1	2	Piece	1,340	**320355**
800 mm	Ø16 mm	45 mm	4 / 1	2	Piece	1,690	**320409**

GATE HINGES, BANDS AND HOOKS



Band hook

cranked, with decorative final

hammered edges
Cropping: 15,5 mm
material thickness: 6 mm
Hole: Ø9 / 11 x 11 mm
number of holes: 3 / 1

Assembly note: With the hook on plate type DI gate and posts are in alignment!

Accessory note: Suitable fixing material can be ordered separately.

Dimension a	Dimension b	Dimension c	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: galvanized, black powder coated						
600 mm	Ø16 mm	45 mm	6	Piece	1,300	**323035**

Gate corner hinge

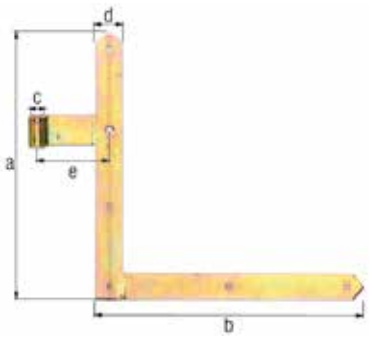
for frame gates
straight, decorative end

Material of roll: 40 x 5 mm
material thickness: 5 mm
Hole: Ø7 / 10 mm

Accessory note: Suitable fixing material can be ordered separately.

Item description	Dimension a	Dimension b	Dimension c	Dimension d	Dimension e	number of holes	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: hot galvanized										
one pair	250 mm	400 mm	Ø13 mm	40 mm	100 mm	5 / 1	2	Piece	1,300	**313142**
one pair	250 mm	600 mm	Ø13 mm	40 mm	100 mm	5 / 1	2	Piece	1,550	**313197**
one pair	250 mm	800 mm	Ø16 mm	40 mm	100 mm	6 / 1	2	Piece	1,900	**313241**

GATE HINGES, BANDS AND HOOKS

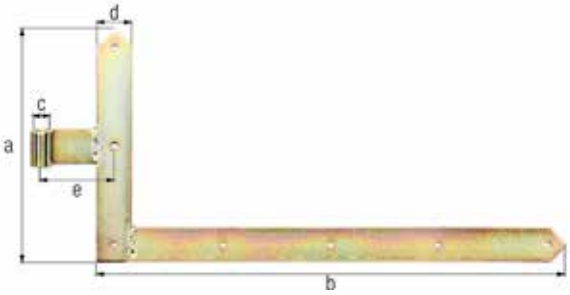


Gate corner hinge
straight, decorative end

Material of roll: 40 x 5 mm
material thickness: 5 mm
Hole: Ø7 / 9 x 9 mm

Accessory note: Suitable fixing material can be ordered separately.

Item description	Dimension a	Dimension b	Dimension c	Dimension d	Dimension e	number of holes	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: yellow galvanized										
one pair	400 mm	400 mm	Ø16 mm	40 mm	105 mm	5 / 1	2	Piece	1,300	**312756**
one pair	400 mm	600 mm	Ø16 mm	40 mm	105 mm	7 / 1	2	Piece	1,710	**312800**
one pair	400 mm	800 mm	Ø16 mm	40 mm	105 mm	8 / 1	2	Piece	2,080	**312855**
Material: steel, surface: hot galvanized										
one pair	400 mm	400 mm	Ø16 mm	40 mm	105 mm	5 / 1	2	Piece	1,305	**312749**
one pair	400 mm	600 mm	Ø16 mm	40 mm	105 mm	7 / 1	2	Piece	1,800	**312794**
one pair	400 mm	800 mm	Ø16 mm	40 mm	105 mm	8 / 1	2	Piece	2,230	**312848**



Gate corner hinge
garage door
straight, decorative end

Material of roll: 60 x 8 mm
material thickness: 8 mm
Hole: Ø10 / 12 x 12 mm

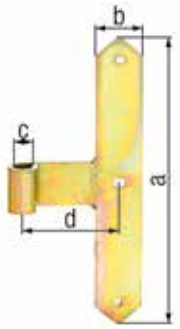
Accessory note: Suitable fixing material can be ordered separately.

Item description	Dimension a	Dimension b	Dimension c	Dimension d	Dimension e	number of holes	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: yellow galvanized										
one pair	400 mm	800 mm	Ø20 mm	60 mm	120 mm	6 / 1	2	Piece	4,750	**312541**
one pair	400 mm	1000 mm	Ø20 mm	60 mm	120 mm	7 / 1	2	Piece	5,600	**312596**
one pair	600 mm	1000 mm	Ø20 mm	60 mm	120 mm	9 / 1	2	Piece	6,310	**312657**
Material: steel, surface: hot galvanized										
one pair	400 mm	800 mm	Ø20 mm	60 mm	120 mm	6 / 1	2	Piece	4,800	**312534**
one pair	400 mm	1000 mm	Ø20 mm	60 mm	120 mm	7 / 1	2	Piece	5,680	**312589**
one pair	600 mm	1000 mm	Ø20 mm	60 mm	120 mm	9 / 1	2	Piece	6,410	**312640**

GATE HINGES, BANDS AND HOOKS

Gate middle hinge
straight, decorative end

heavy
Material of roll: 60 x 8 mm
material thickness: 8 mm
number of holes: 2 / 1
Hole: Ø10 / 12 x 12 mm

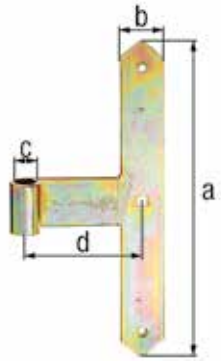


Accessory note: Suitable fixing material can be ordered separately.

Dimension a	Dimension b	Dimension c	Dimension d	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: yellow galvanized							
400 mm	60 mm	Ø20 mm	120 mm	1	Piece	2,000	**312701**
Material: steel, surface: hot galvanized							
400 mm	60 mm	Ø20 mm	120 mm	1	Piece	2,140	**312695**

Gate middle hinge
straight, decorative end

light
Material of roll: 40 x 5 mm
material thickness: 5 mm
number of holes: 2 / 1
Hole: Ø7 / 9 x 9 mm



Accessory note: Suitable fixing material can be ordered separately.

Dimension a	Dimension b	Dimension c	Dimension d	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: yellow galvanized							
300 mm	40 mm	Ø16 mm	105 mm	5	Piece	0,700	**312909**
Material: steel, surface: hot galvanized							
300 mm	40 mm	Ø16 mm	105 mm	5	Piece	0,710	**312893**

Gate middle hinge
cranked, with decorative final

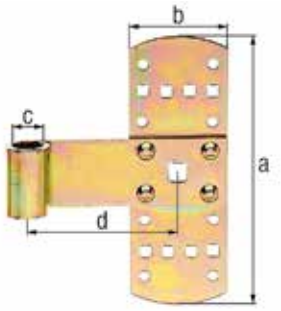
hammered edges
Cropping: 15 mm
Material of roll: 35 x 4 mm
material thickness: 4 mm
number of holes: 2 / 1
Hole: Ø9 / 11 x 11 mm

Assembly note: With the hook on plate type DI gate and posts are in alignment!

Accessory note: Suitable fixing material can be ordered separately.

Dimension a	Dimension b	Dimension c	Dimension d	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: galvanized, black powder coated							
300 mm	40 mm	Ø16 mm	135 mm	4	Piece	0,800	**323059**

GATE HINGES, BANDS AND HOOKS



Tee hinge

Material of roll: 35 x 4 mm
material thickness: 2 mm
number of holes: 8 / 8 / 1
Hole: Ø5 / 5,5 x 5,5 / 9 x 9 mm

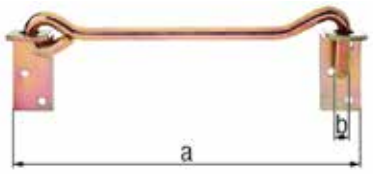
Accessory note: Suitable fixing material can be ordered separately.

Dimension a	Dimension b	Dimension c	Dimension d	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: yellow galvanized							
140 mm	50 mm	Ø13 mm	75 mm	10	Piece	0,273	**314996**
160 mm	50 mm	Ø13 mm	75 mm	6	Piece	0,279	**315047**

WOODEN GATE FITTINGS

Hook and eye

with counter plate



Dimension a	Dimension b	number of holes	Hole	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: yellow galvanized, for screwing on							
200 mm	Ø8 mm	4	Ø5,0 mm	10	Piece	0,170	**209209**
280 mm	Ø12 mm	6	Ø6,5 mm	10	Piece	0,580	**209216**
590 mm	Ø12 mm	6	Ø6,5 mm	1	Piece	0,850	**209223**

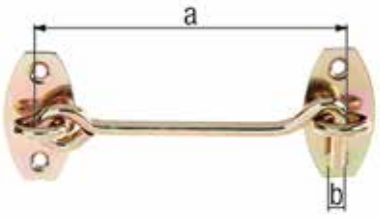
Hook and eye

on plate

with eye

number of holes: 4

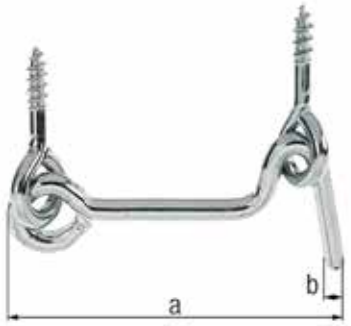
Hole: Ø4 mm



Dimension a	Dimension b	PU	Sales unit	Pieces per sale unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: yellow galvanized, for screwing on						
100 mm	Ø5,2 mm	6	Blister	1 pc.	0,079	**903848**
120 mm	Ø5,8 mm	6	Blister	1 pc.	0,090	**903855**

Hook and eye

with eye



Dimension a	Dimension b	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, Surface: blue galvanized, for screwing in					
50 mm	Ø3 mm	10	Piece	0,010	**204433**
76 mm	Ø4 mm	10	Piece	0,021	**204440**
120 mm	Ø4 mm	10	Piece	0,032	**204457**
157 mm	Ø5 mm	10	Piece	0,050	**204464**
198 mm	Ø6 mm	10	Piece	0,068	**204471**
250 mm	Ø7 mm	10	Piece	0,083	**204488**

Hook and eye

with eye

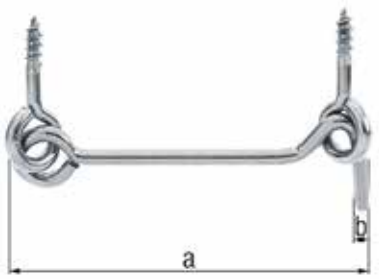
Dimension a	Dimension b	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: yellow galvanized, for screwing in					
400 mm	Ø6 mm	10	Piece	0,135	**209230**

Hook and eye

with eye

Dimension a	Dimension b	PU	Sales unit	Pieces per sale unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: yellow galvanized, for screwing in						
60 mm	Ø4 mm	10	Blister	1 pc.	0,028	**903800**
80 mm	Ø4 mm	10	Blister	1 pc.	0,033	**903817**
100 mm	Ø4 mm	10	Blister	1 pc.	0,042	**903824**
120 mm	Ø4 mm	10	Blister	1 pc.	0,049	**903831**

WOODEN GATE FITTINGS



Hook and eye

with eye

	Dimension a	Dimension b	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
	Material: stainless steel for screwing in					
VA	80 mm	Ø3,9 mm	20	Piece	0,024	**209186**
VA	120 mm	Ø4,2 mm	20	Piece	0,033	**209193**

Hook and eye

with fixing plate
makes it possible to fix the gate in different positions
number of holes: 2
Hole: Ø6,5 x 12 mm

Dimension a	Dimension b	Dimension c	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, Surface: blue galvanized, for screwing in						
600 mm	Ø8 mm	140 mm	12	Piece	0,367	**204297**
Material: steel, surface: yellow galvanized, for screwing in						
300 mm	Ø8 mm	140 mm	12	Piece	0,288	**204235**
400 mm	Ø8 mm	140 mm	12	Piece	0,292	**204259**
Material: steel, surface: cataphoretic black painting, for screwing in						
300 mm	Ø8 mm	140 mm	12	Piece	0,242	**204228**
400 mm	Ø8 mm	140 mm	12	Piece	0,292	**204242**
500 mm	Ø8 mm	140 mm	12	Piece	0,325	**204266**
600 mm	Ø8 mm	140 mm	12	Piece	0,367	**204273**

Sash look box

for picket fence gates
suitable for key no. 214791, 214807, 214814, 214821, 214838, 214784

Perforation for warded lock
with closing latch
foldable latch
applicable DIN left and right
2-level
Bolt recess: 14 / 28 mm
Nut: 8 x 8 mm
number of holes: 4 / 4
Hole: Ø5,5 / 4,2 mm

Accessory note: Stop, handle, protection plate and one key included.

Dimension a	Dimension b	Dimension c	Dimension d	Dimension e	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: galvanized, with stop angle								
118 mm	100 mm	60 mm	55 mm	20 mm	1	Piece	0,950	**214920**

WOODEN GATE FITTINGS

Sash look box

suitable for key no. 214791, 214807, 214814, 214821, 214838, 214784

Perforation for warded lock
with lifting latch
applicable DIN left and right
2-level
Bolt recess: 14 / 28 mm
Nut: 8 x 8 mm
number of holes: 4 / 4 / 6
Hole: Ø5,5 / 4,2 / 4,5 mm

Accessory note: Stop, handle, lock case, protection plate and one key included.

Item description	Dimension a	Dimension b	Dimension c	Dimension d	Dimension e	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, Surface: blue galvanized									
with night bolt	118 mm	100 mm	60 mm	55 mm	20 mm	1	Piece	0,800	**214845**
without night bolt, perforation PC	118 mm	100 mm	60 mm	55 mm	20 mm	1	Piece	0,700	**214869**

Sash look box

suitable for key no. 216924, 216931, 216948, 216979, 216993, 216986

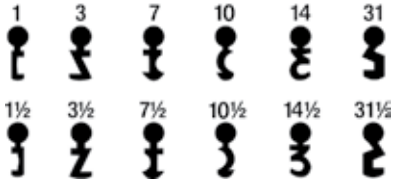
Perforation for warded lock
with lifting latch
applicable DIN left and right
2-level
Bolt recess: 12 / 24 mm
Nut: 8 x 8 mm

Accessory note: Stop, handle, lock case, protection plate and one key included.

Item description	Dimension a	Dimension b	Dimension c	Dimension d	Dimension e	PU	Sales unit	Pieces per sale unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, Surface: blue galvanized										
with night bolt	100 mm	105 mm	60 mm	51 mm	22 mm	5	Blister	1 pc.	0,780	**901554**
without night bolt, perforation PC	100 mm	105 mm	60 mm	51 mm	22 mm	5	Blister	1 pc.	0,776	**901813**

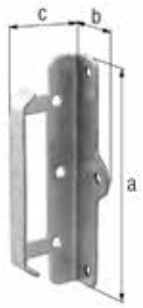
Key

suitable for lock box



upsweep	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: zinc die-casting				
1	1	Piece	0,025	**214784**
3	1	Piece	0,024	**216986**
7	1	Piece	0,024	**216979**
10	1	Piece	0,025	**214807**
14	1	Piece	0,025	**214821**
31	1	Piece	0,024	**216948**
1 1 / 2	1	Piece	0,025	**214791**
3 1 / 2	1	Piece	0,024	**216931**
7 1 / 2	1	Piece	0,024	**216924**
10 1 / 2	1	Piece	0,025	**214814**
14 1 / 2	1	Piece	0,025	**214838**
31 1 / 2	1	Piece	0,024	**216993**

WOODEN GATE FITTINGS



Stop for sash lock boxes

number of holes: 6
Hole: Ø4,5 mm

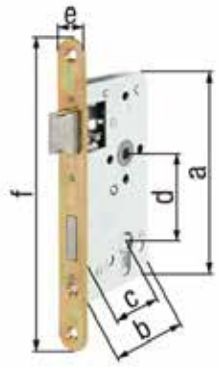
Dimension a	Dimension b	Dimension c	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, Surface: blue galvanized						
100 mm	24 mm	35,5 mm	1	Piece	0,500	**214852**

Deadbolt lock

especially for frame gates

Perforation for warded lock
without locking plate
applicable DIN left and right
without latch lever
2-level
foldable latch
rounded strike plate
All interior parts have been galvanized and are therefore protected from rust.
Heavy, stable version for outside use.
Bolt recess: 13 / 25 mm
Nut: 8 x 8 mm

Dimension a	Dimension b	Dimension c	Dimension d	Dimension e	Dimension f	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: galvanized, with one key									
167 mm	85 mm	55 mm	72 mm	24 mm	235 mm	1	Piece	0,750	**215200**



Deadbolt lock

especially for frame gates

applicable DIN left and right
perforation PC
with latch lever
2-level
foldable latch
rounded strike plate
All interior parts have been galvanized and are therefore protected from rust.
Heavy, stable version for outside use.
Bolt recess: 13 / 25 mm
Nut: 8 x 8 mm

Item description	Dimensi-on a	Dimensi-on b	Dimensi-on c	Dimensi-on d	Dimensi-on e	Dimension f	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: galvanized										
without locking plate	167 mm	85 mm	55 mm	72 mm	24 mm	235 mm	1	Piece	0,755	**215224**
with locking plate	167 mm	85 mm	55 mm	72 mm	24 mm	235 mm	1	Piece	0,835	**215231**

WOODEN GATE FITTINGS

Stop for gates with deadbolt lock

for approx. 37 mm thick frame
applicable DIN left and right
to bolt-on on wall columns or to screw-on on timber posts
number of mounting holes: 3
Hole: Ø6 mm

- Reliable function even if the gate has subsided due to atmospheric influence.

Dimension a	Dimension b	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: hot galvanized					
37 mm	181 mm	1	Piece	0,200	**215378**
Material: steel, surface: yellow galvanized					
37 mm	181 mm	1	Piece	0,190	**215361**

Door handle for deadbolt locks

one pair

Accessory note: 8 x 8 mm square pin and long plate with 72 mm distance included.

Item description	Dimension a	Dimension b	Dimension c	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: aluminium, surface: anodized silver-coloured							
perforation PC	220 mm	40 mm	124 mm	10	Piece	0,340	**215668**

Door handle for deadbolt locks

one pair
wrought iron
perforation PC

Accessory note: One 8 x 8 mm square pin, two hole parts, two long plates with 72 mm distance, and fixing screws packed in cardboard box are included.

PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: galvanized, black powder coated			
1	Piece	0,910	**323080**

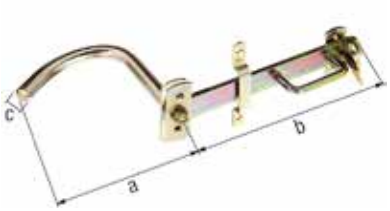
Woven fence fastening latch for single gates

applicable for left and right stop
Closing possibility with security hasp number 210458.

Set parts: One set consists of one set of handles with rosette design and a special latch lock and a stop hook

Dimension a	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material of iron parts: steel, surface: galvanized, material of handle and rosette: aluminium, packed in a set				
170 mm	1	Piece	0,472	**213565**

WOODEN GATE FITTINGS



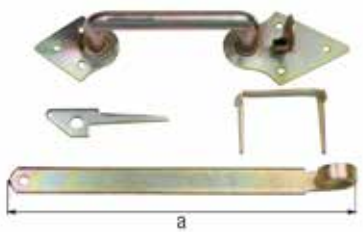
Danish door fastening latch

for door thicknesses of 26 - 50 mm

with door latch

number of holes: 4 / 2 / 2

Dimension a	Dimension b	Dimension c	Hole	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: yellow galvanized, packed in polybag							
100 mm	200 mm	Ø16 mm	Ø6 / 5,5 / 5 mm	5	Piece	0,830	**220716**
Material: steel, surface: hot galvanized, packed in polybag							
97 mm	135 mm	Ø12 mm	Ø5 / 5,5 / 5 mm	5	Piece	0,400	**220693**
100 mm	200 mm	Ø16 mm	Ø6 / 5,5 / 5 mm	5	Piece	0,890	**220709**

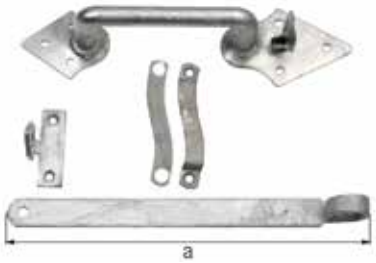


Latch set

for woven fence gates and light wooden gates

Set parts: One set consists of a handle, lever, cramp and hook for driving in

Dimension a	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: yellow galvanized, for driving in				
260 mm	5	Piece	0,700	**310332**

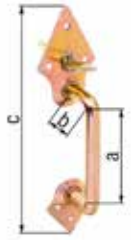


Latch set

for woven fence gates and light wooden gates

Set parts: One set consists of a handle, lever, cramp and hook to screw on

Dimension a	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: hot galvanized, for screwing on				
260 mm	5	Piece	0,700	**310387**



Latch handle

eye: Ø15 mm

number of holes: 6

Hole: Ø6 mm

Dimension a	Dimension b	Dimension c	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: yellow galvanized, for screwing on						
105 mm	35 mm	250 mm	1	Piece	0,460	**310004**

Latch lever

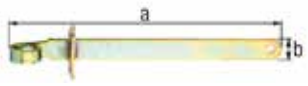
material thickness: 4,5 mm

Hole: Ø7,5 mm

Dimension a	Dimension b	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: yellow galvanized					
260 mm	20 mm	1	Piece	0,215	**310059**

WOODEN GATE FITTINGS

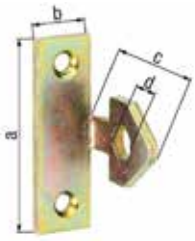
Latch lever



applicable right and left
with double lock eyes
material thickness: 4,5 mm
Hole: Ø7,5 mm

Dimension a	Dimension b	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: yellow galvanized					
260 mm	20 mm	1	Piece	0,230	**310509**

Latch hook



material thickness: 4 mm
number of holes: 2
Hole: Ø5 mm

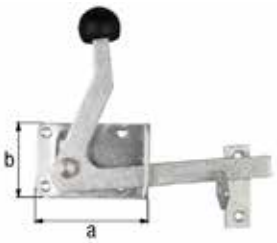
Dimension a	Dimension b	Dimension c	Dimension d	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: yellow galvanized, for screwing on							
60 mm	18 mm	37 mm	Ø10 mm	50	Piece	0,046	**310219**

Latch cramp

material thickness: 2 mm
number of holes: 2
Hole: Ø5,5 mm

Dimension a	Dimension b	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: yellow galvanized, for screwing on					
97 mm	14 mm	50	Piece	0,026	**310257**

Garden gate latch

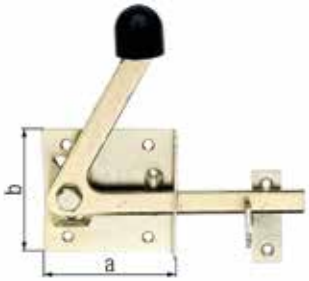


with door latch
applicable for left and right stop by turning the bolt
height adjustable by releasing the screws after installation

Dimension a	Dimension b	number of holes	Hole	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: hot galvanized							
80 mm	55 mm	4 / 2	Ø5 / 5,5 mm	5	Piece	0,388	**210120**
Material: stainless steel, additionally shot-blasted							
80 mm	55 mm	4 / 2	Ø5 / 6 mm	5	Piece	0,314	**326005** VA

Figure version right

Garden gate latch



with door latch
applicable for left and right stop by turning the bolt
height adjustable by releasing the screws after installation
number of holes: 6
Hole: Ø5,5 mm

Dimension a	Dimension b	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: yellow galvanized					
80 mm	80 mm	5	Piece	0,400	**210328**

Figure version right

WOODEN GATE FITTINGS

Figure version right

Garden gate latch

wrought iron

hammered edges
with door latch
applicable for left and right stop by turning the bolt
number of holes: 2 / 4
Hole: Ø5,5 / Ø5 mm

Dimension a	Dimension b	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: galvanized, black powder coated, with unattached staple					
82 mm	55 mm	5	Piece	0,358	**323004**

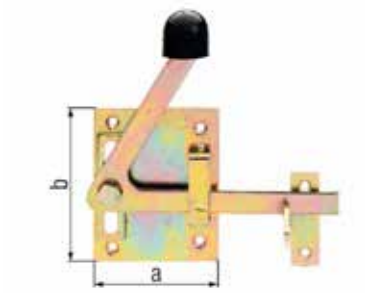


Figure version right

Garden gate latch

with door latch
applicable for left and right stop by turning the bolt
height adjustable by releasing the screws after installation

Dimension a	Dimension b	number of holes	Hole	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: yellow galvanized							
80 mm	100 mm	6	Ø5,5 mm	5	Piece	0,388	**210373**

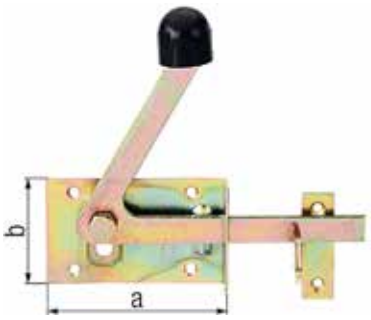


Figure version right

Garden gate latch

especially for narrow frame timber

with door latch
applicable for left and right stop by turning the bolt
height adjustable by releasing the screws after installation
number of holes: 6
Hole: Ø5,5 mm

Dimension a	Dimension b	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: yellow galvanized					
100 mm	60 mm	5	Piece	0,342	**210397**

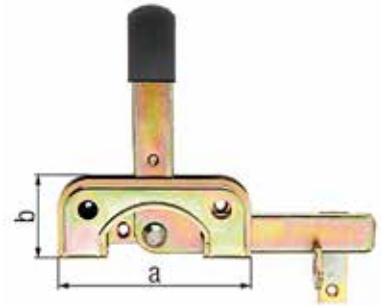


Figure version right

Garden gate latch

especially for narrow frame timber

with door latch
applicable by swivelling the bolt and changing the handle cover for the left and right stop
number of holes: 2 / 4
Hole: Ø5,5 / Ø6,5 mm

Dimension a	Dimension b	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: yellow galvanized					
120 mm	50 mm	5	Piece	0,529	**209551**

WOODEN GATE FITTINGS

Security stop

for garden gate latch

with fixation hole for padlock
number of holes: 2
Hole: Ø6,5 mm

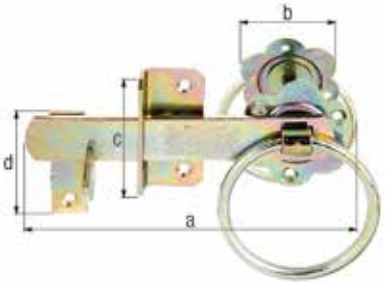
Accessory note: Padlocks not included.

Dimension a	Dimension b	Dimension c	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: galvanized						
105 mm	25 mm	120 mm	5	Piece	0,130	**210458**

Garden gate fastening latch

for high gates or woven fence doors

with door latch
can be opened and closed from inside and outside
Both operating rings are hinged in rosettes and can pivot; they are connected by a square pin for timber thicknesses up to 60 mm in length. The guide sheet unilaterally guides the bolt. The guide sheet is screwed onto the gate frame and locked in the enclosed hook.
Pin length: 77 mm
number of holes: 3 / 2 / 6
Hole: Ø5,2 / 5,5 / 4,5 mm



Dimension a	Dimension b	Dimension c	Dimension d	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: yellow galvanized							
155 mm	Ø60 mm	70 mm	60 mm	1	Piece	0,555	**210250**

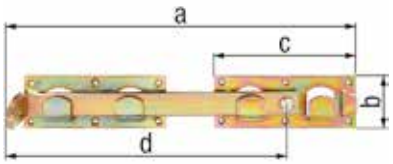
Garden gate fastening latch

applicable DIN left and right
number of holes: 2 / 4
Hole: Ø5,5 / Ø6 mm

Dimension a	Dimension b	PU	Sales unit	Pieces per sale unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, Surface: blue galvanized						
55 mm	45 mm	10	Piece	-	0,170	**210182**
55 mm	45 mm	5	Blister	1 pc.	0,245	**903701**

Double gate hasp

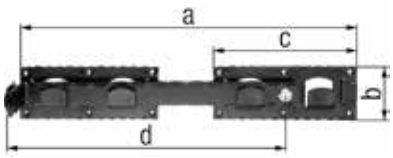
The closing angle connector can be used on both sides.
applicable DIN left and right
fixation of padlock possible
number of holes: 12
Hole: Ø5 mm



Accessory note: Padlocks not included.

Dimension a	Dimension b	Dimension c	Dimension d	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: yellow galvanized, individual parts connected by binder							
423 mm	70 mm	180 mm	333 mm	5	Piece	1,230	**210625**
Material: steel, surface: cataphoretic black painting, individual parts connected by strip tie							
423 mm	70 mm	180 mm	333 mm	5	Piece	1,450	**210205**
Material: steel, surface: hot galvanized, individual parts connected by binder							
430 mm	70 mm	180 mm	333 mm	5	Piece	1,230	**210137**

WOODEN GATE FITTINGS



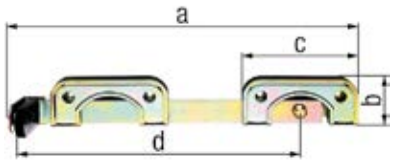
Double gate hasp

wrought iron

hammered edges
applicable DIN left and right
fixation of padlock possible
number of holes: 12
Hole: Ø5 mm

Accessory note: Padlocks not included.

Dimension a	Dimension b	Dimension c	Dimension d	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: galvanized, black powder coated							
423 mm	70 mm	180 mm	333 mm	1	Piece	1,260	**323011**



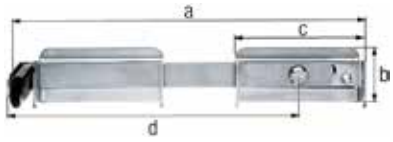
Double gate hasp

especially for narrow frame timber

The closing angle connector can be used on both sides.
applicable DIN left and right
fixation of padlock possible
number of holes: 8
Hole: Ø6,5 mm

Accessory note: Padlocks not included.

Dimension a	Dimension b	Dimension c	Dimension d	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: yellow galvanized, individual parts connected by binder							
335 mm	52 mm	120 mm	275 mm	5	Piece	0,692	**209803**

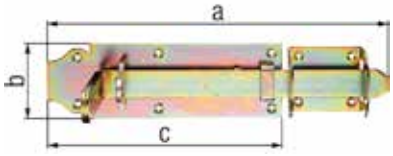


Double gate hasp

The closing angle connector can be used on both sides.
applicable DIN left and right
fixation of padlock possible
number of holes: 8
Hole: Ø5,5 mm

Accessory note: Padlocks not included.

Dimension a	Dimension b	Dimension c	Dimension d	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: stainless steel, additionally shot-blasted							
VA 327 mm	60 mm	118 mm	268 mm	3	Piece	0,760	**326012**



Double gate fastening latch

especially for frame gates

applicable DIN left and right
fixation of padlock possible
number of holes: 4 / 6
Hole: Ø5,5 / 6 mm

Accessory note: Padlocks not included.

Dimension a	Dimension b	Dimension c	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: yellow galvanized						
380 mm	80 mm	250 mm	5	Piece	1,400	**210656**

WOODEN GATE FITTINGS

Garden gate fitting set
for woven fence with single gates

Set parts: One set consists of a garden gate latch, no. 210250, a safety hasp, no. 210458, two band hooks, 500 mm long, Ø 13 mm eye, no. 313913, two hooks, 13 mm back set, no. 311230, and a set of screws.

PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: yellow galvanized			
1	Piece	3,175	**206505**

Garden gate fitting set
for picket fence with single gates

Set parts: One set consists of a garden door latch, no. 210328, two band hooks, 500 mm long, Ø 13 mm eye, no. 313913, two hooks, 13 mm back set, no. 311230, and a set of screws

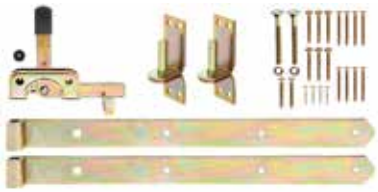
PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: yellow galvanized			
1	Set	2,960	**216511**

Garden gate fitting set
for picket fence with single gates

Set parts: One set consists of a garden door latch, no. 326005, two band hooks, cranked, 500 mm long, Ø 13 mm eye, no. 318185, two hooks, 13 mm back set, no. 318215, and a set of screws

PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: stainless steel			
1	Piece	2,390	**361495** VA

Garden gate fitting set
for picket fence with single gates



Set parts: One set consists of a garden door latch, no. 209551, two band hooks, 500 mm long, Ø 13 mm eye, no. 313913, two hooks, 13 mm back set, no. 311230, and a set of screws

PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: yellow galvanized			
1	Piece	2,980	**206512**

Garden gate fitting set
for frames with single gates

Set parts: One set consists of one deadbolt lock, opening direction left and right, n° 215224, one stop, n° 215361, two band hooks, 500 mm, eye Ø 16 mm, n° 314156, two hooks with 16 mm back set, n° 311261 and one screw set.

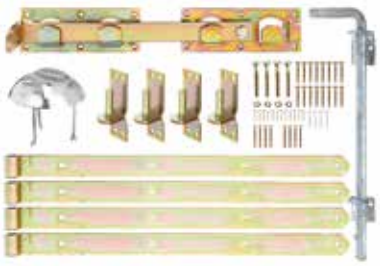
PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: yellow galvanized			
1	Piece	3,000	**223380**

WOODEN GATE FITTINGS

Garden gate fitting set
for single gates

Set parts: One set consists of two corner hinges 215 x 112 x 25 mm, eye Ø 8 mm, two hooks to screw on, back set 8 mm, two angled lift-off protection 16 x 2,5 mm, one gate latch with hook, bracket, bracket guide, handle and guide plates as well as screw set

PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: hot galvanized			
1	Piece	0,980	**222277**



Garden gate fitting set
for picket fence with double gates

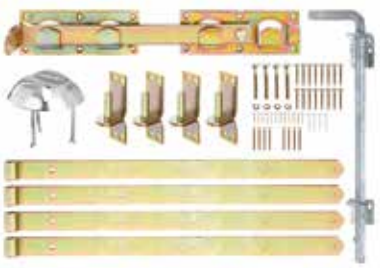
Set parts: One set consists of a double gate hasp, no. 210625, one drop bolt, 400 mm long, no. 211028, one support, no. 210953, four steel bands, 700 mm long, Ø 16 mm eye, no. 314255, four hooks, 16 mm back set, no. 311261, and a set of screws.

PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: yellow galvanized			
1	Piece	12,900	**216535**

Garden gate fitting set
for double gates

Set parts: One set consists of a double gate hasp, no. 326012, one drop bolt, 500 mm long, no. 326029, one support, no. 210953, four steel bands, cranked, 700 mm long, Ø 16 mm eye, no. 318208, four hooks, 16 mm back set, no. 318222, and a set of screws.

PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: stainless steel			
VA 1	Piece	10,170	**361501**



Garden gate fitting set
for picket fence with double gates

Set parts: One set consists of a double gate hasp, no. 210625, one drop bolt, 400 mm long, no. 211028, one support, no. 210953, four steel bands, 700 mm long, Ø 13 mm eye, no. 314002, four hooks, 13 mm back set, no. 311230, and a set of screws.

PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: yellow galvanized			
1	Piece	9,450	**216566**

Garden gate fitting set
for double gates

Set parts: One set consists of four tee hinges 400 mm, n° 310813, one lock bolt with staple, 160 mm, n° 116781, one drop bolt 400 mm, n° 211028, one support, n° 654061 and one screw set.

PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: yellow galvanized			
1	Piece	3,000	**222208**

WOODEN GATE FITTINGS

Garden gate fitting set
for double gates

Set parts: One set consists of a double gate hasp, no. 209803, one drop bolt, 400 mm long, no. 211028, one support, no. 210953, four band hooks, 700 mm long, Ø 13 mm eye, no. 314002, four hooks, 13 mm back set, no. 311230, and a set of screws.

PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: yellow galvanized			
1	Piece	9,450	**216474**

Drop bolt
with two guiding angles
number of holes: 4
Hole: Ø6,5 mm

Assembly note: Put the lower guide onto the bar between the noses and screw it on high enough so that its upper nose on the lower guide rests and the bolt end does not extend past the gate when the slider is open.

Dimension a	Dimension b	Distance bolt - gate	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: hot galvanized						
400 mm	Ø16 mm	30 mm	1	Piece	0,988	**211011**
400 mm	Ø16 mm	40 mm	1	Piece	1,042	**211028**
500 mm	Ø16 mm	40 mm	1	Piece	1,200	**211042**
600 mm	Ø16 mm	40 mm	1	Piece	1,350	**211066**

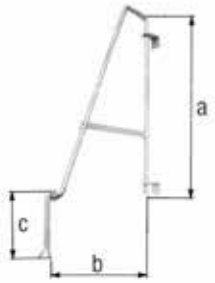
Drop bolt
wrought iron
with two guiding angles
Distance bolt - gate: 40 mm
number of holes: 4
Hole: Ø6 mm

Dimension a	Dimension b	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: galvanized, black powder coated					
500 mm	Ø15 mm	3	Piece	3,220	**323028**

Drop bolt
with two plastic guiding and plastic handle
number of holes: 4
Hole: Ø5,5 mm

Dimension a	Dimension b	Distance bolt - gate	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: yellow galvanized, guide angle connector and handle fibre glass reinforced plastic, black						
400 mm	Ø16 mm	20 mm	1	Piece	0,838	**207007**
400 mm	Ø16 mm	40 mm	1	Piece	0,866	**207021**
600 mm	Ø16 mm	20 mm	1	Piece	1,100	**207045**
600 mm	Ø16 mm	40 mm	1	Piece	1,176	**207069**
Material: stainless steel, guide angle connector and handle, plastic, white						
500 mm	Ø16 mm	40 mm	1	Piece	1,000	**326029** VA

WOODEN GATE FITTINGS



Drop bolt

triangle shape

with two guiding angles
to support the second gate wing of a double wing gate
Material: Ø16 mm
Length of catch in the concrete anchor: 150 mm
Distance bolt - gate: 40 mm
number of holes: 2 for each angle guide
Hole: Ø6,5 mm for each angle guide

Accessory note: Concrete anchor included.

Dimension a	Dimension b	Dimension c	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: hot galvanized						
700 mm	360 mm	200 mm	1	Piece	3,360	**211264**

Gate stop

with long holes
suitable for height of 30 - 40 mm
drive-in depth: 370 mm
slotted hole: 22 x 45 mm

Dimension a	Dimension b	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: hot galvanized, with welded ground pin, for driving in					
47 mm	125 mm	1	Piece	1,630	**210854**
Material: steel, Surface: blue galvanized, with removable ground pin, for driving in					
47 mm	125 mm	5	Piece	1,615	**211332**

Gate stop

with long holes
suitable for height of 30 - 40 mm
depth of encase in concrete: 90 mm
slotted hole: 22 x 45 mm

Dimension a	Dimension b	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: hot galvanized, with welded wall claw, for setting in concrete					
47 mm	125 mm	1	Piece	0,837	**210939**
Material: steel, Surface: blue galvanized, with removable wall claws, for setting in concrete					
47 mm	125 mm	5	Piece	0,740	**211417**

Gate stop

with long holes
suitable for height of 50 - 60 mm
depth of encase in concrete: 125 mm
slotted hole: 20 x 50 mm

- The rounded form of this support prevents tyres from being damaged when they roll over.

Accessory note: Three screw-on stone bolts included.

Dimension a	Dimension b	Dimension c	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: aluminium cast, for setting in concrete						
Ø205 mm	65 mm	17 mm	1	Piece	0,900	**210953**

WOODEN GATE FITTINGS

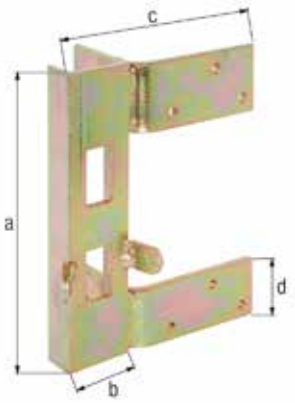
Deadbolt lock
for sliding gates
Back set 65 mm

perforation PC
with hook latch
Nut: 9 x 9 mm
Distance: 72 mm

Dimension a	Dimension b	Dimension c	Dimension d	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: galvanized							
260 mm	165 mm	100 mm	24 mm	1	Piece	1,000	**214777**

Stop for sliding gates

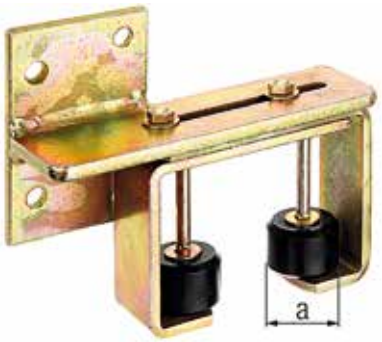
The U iron of the stop is welded to two L irons
suitable for fittings at the corner of fence posts, wall columns, etc.
number of holes: 6
Hole: Ø9 mm



Dimension a	Dimension b	Dimension c	Dimension d	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: yellow galvanized							
270 mm	60 mm	185 mm	60 mm	1	Piece	2,944	**214722**

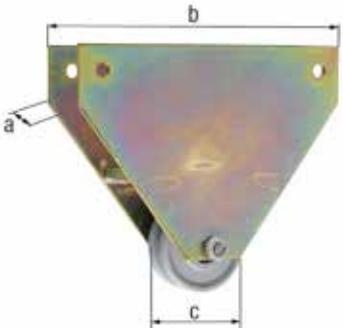
Spacer for wooden gates

adjustable from 40 to 80 mm
suitable as support for upper frame of sliding gate
Recess for cover strip protrusion 10 mm on each side, 20 mm thick
slotted hole: Ø10 x 107 mm
number of holes: 4
Hole: Ø11 mm



Dimension a	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: yellow galvanized				
Ø40 mm	1	Piece	2,420	**214647**

WOODEN GATE FITTINGS



Sliding gate wheel with closed support

for sliding gates
suitable for 40 mm frame thickness

roller with two thrust ball bearings
Clear depth: 95 mm
Groove width: 10 mm
Groove depth: 8 mm
Bearing force: 75 kg
number of holes: 4
Hole: Ø11 mm

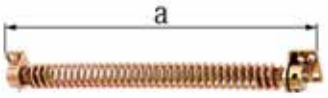
Dimension a	Dimension b	Dimension c	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: yellow galvanized						
40 mm	235 mm	Ø75 mm	1	Piece	2,270	**214685**

Gate track roller

for heavy gates

with rubber reel
number of holes: 2 / 2

Dimension a	Dimension b	Dimension c	Dimension d	Hole	Max. load capacity	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: hot galvanized, for screwing on									
Ø80 mm	110 mm	65 mm	44,5 mm	Ø8 / 8,5 x 8,5 mm	50 kg	1	Piece	0,450	**214364**
Ø160 mm	180 mm	125 mm	65 mm	Ø11 / 11x11 mm	50 kg	1	Piece	1,980	**214357**



Gate spring

Dimension a	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: yellow galvanized, for screwing on				
280 mm	5	Piece	0,344	**204808**

Door and gate bolt

self-closing
with adjustable spring force
with adjustment pin and adjustment rivet
with guide
max. gate weight: 40 kg
number of holes: 4 / 2
Hole: Ø5,5 / Ø5 mm

Dimension a	Dimension b	PU	Sales unit	Pieces per sale unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, Surface: blue galvanized						
100 mm	242 mm	3	Blister	1 pc.	0,525	**417758**

WOODEN GATE FITTINGS

Lifting gate fittings for wooden gates
for uneven terrain

applicable for left and right stop
The gate can open more than 90°.
The gate rises when opened. The incline (of up to 7°) can be adjusted at different positions and depends on the size of the gate.
Bearing force: 300 kg for 2500 mm gate width

Assembly note: A square post of at least 80 mm wide is required for assembly.

Set parts: One set for a gate wing contains both one upper and one lower band, each 550 mm, one upper screw-on plate 80 x 80 x 7 mm, one lower screw-on plate 100 x 80 x 100 mm, two ball angle joints, greased, galvanized, fixing screws, and assembly instruction. Packed in cardboard box.

length of gate / heigth of gate	1.000 mm	1.500 mm
600 mm	200 mm	300 mm
800 mm	160 mm	240 mm
1.000 mm	120 mm	180 mm

PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material of fitting parts: steel, surface: hot galvanized, surface of ball angle joint and fastener: galvanized, to screw on			
1	Piece	5,170	**219611**

Lifting gate fittings for wooden gates
for uneven terrain

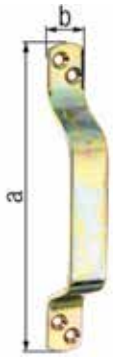
the gate adapts to the terrain while opening due to the rotatable, bearing-supported double band
Material: 45 x 6 mm
Roll: Ø16 mm
Gate wheel: Ø80 mm

Set parts: One set for a gate wing contains a pivotal double band with reel and a rubber gate wheel with closed support

Accessory note: Hooks not included.
Suitable hooks can be ordered separately.

Length	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: hot galvanized				
400 mm	1	Piece	2,450	**213725**
700 mm	1	Piece	3,600	**213732**

Gate handle



number of holes: 4

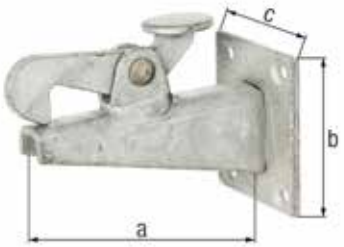
Dimension a	Dimension b	material thickness	Hole	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: yellow galvanized							
170 mm	20 mm	3,5 mm	Ø5 mm	10	Piece	0,190	**417901**
190 mm	25 mm	5 mm	Ø6 mm	10	Piece	0,220	**417918**
Material: stainless steel							
168 mm	20 mm	3,5 mm	Ø5 mm	10	Piece	0,200	**361440** VA

WOODEN GATE FITTINGS

Gate handle

Handle: Ø14 mm
number of holes: 8
Hole: Ø6 mm

Dimension a	Dimension b	Dimension c	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: black powder coated						
275 mm	32 mm	60 mm	10	Piece	0,660	**419103**



Door stopper

for fixing to the wall

with counter plate
number of holes: 4 / 2
Hole: Ø6 / 5,5 mm

Dimension a	Dimension b	Dimension c	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: hot galvanized, for screwing on						
100 mm	65 mm	50 mm	1	Piece	0,405	**411756**

Door stopper

for fixing to the floor

with counter plate
number of holes: 4 / 2
Hole: Ø6 / 5,5 mm

Dimension a	Dimension b	Dimension c	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: hot galvanized, for screwing on						
95 mm	65 mm	50 mm	1	Piece	0,440	**411763**

FITTINGS FOR WOODEN FENCES

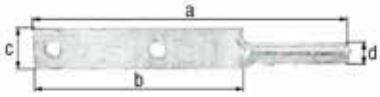
Fence rail connector

for fitting gates and fence panels
for fence panels that must be removable
for bolts until 40 mm
material thickness: 4 mm
number of holes: 2
Hole: Ø9 mm

Dimension a	Dimension b	Dimension c	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: hot galvanized						
34 mm	160 mm	66 mm	10	Piece	0,257	**210694**

Fence rail connector

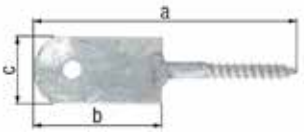
with pin



for fixing fence rails to wall columns
material thickness: 5 mm
number of holes: 2
Hole: Ø8,5 mm

Dimension a	Dimension b	Dimension c	Dimension d	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: hot galvanized, to set in concrete							
150 mm	100 mm	20 mm	Ø10 mm	10	Piece	0,110	**213121**
190 mm	140 mm	25 mm	Ø10 mm	10	Piece	0,180	**213138**

Fence rail connector

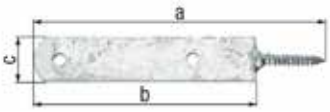


for an easy fixation of fences to timber posts
Wood-screw thread: 8 x 60 mm
material thickness: 4 mm
number of holes: 1
Hole: Ø8,5 mm

Assembly note: Holes of a Ø 6 mm must be predrilled in the timber post before the fence bracket can be installed.

Dimension a	Dimension b	Dimension c	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: hot galvanized, for screwing on						
120 mm	60 mm	30 mm	20	Piece	0,060	**210731**

Fence rail connector



for an easy fixation of fences to timber posts
Wood-screw thread: 8 x 60 mm
material thickness: 4 mm
number of holes: 2
Hole: Ø8,5 mm

Assembly note: Holes of a Ø 6 mm must be predrilled in the timber post before the fence bracket can be installed.

Dimension a	Dimension b	Dimension c	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: hot galvanized, for screwing on						
210 mm	150 mm	30 mm	10	Piece	0,140	**210779**

FITTINGS FOR WOODEN FENCES

Angle

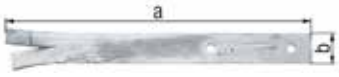
for fixing pergolas etc.
material thickness: 3,5 mm
number of holes: 4
Hole: Ø7 mm

Dimension a	Dimension b	Dimension c	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: hot galvanized						
40 mm	70 mm	70 mm	10	Piece	0,143	**213244**

Angle

for fixing pergolas etc.
material thickness: 5 mm
number of holes: 4
Hole: Ø9 mm

Dimension a	Dimension b	Dimension c	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: hot galvanized						
40 mm	124 mm	84 mm	1	Piece	0,320	**213688**



Fence rail connector

for fixing fence rails to wall columns or masonry
material thickness: 5 mm
number of holes: 2
Hole: Ø9 mm

Dimension a	Dimension b	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: hot galvanized, to set in concrete					
300 mm	30 mm	10	Piece	0,350	**213008**

Fence post made of T profile

for fixing fence rails
material thickness: 5 mm

Assembly note: The plates for fixing the rails are struck onto the T-iron post at the required height and wedged in by screwing on the fence rail.

Accessory note: Two plates no. 211561 included.

Dimension a	Dimension b	Length	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: hot galvanized						
40 mm	40 mm	1000 mm	1	Piece	3,400	**212421**
40 mm	40 mm	1200 mm	1	Piece	3,900	**212438**

Clip for fence post made of T-profile

suitable for fence post no. 212421 etc.
material thickness: 3 mm
number of holes: 2

Dimension a	Dimension b	Dimension c	Hole	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: hot galvanized							
114 mm	85 mm	40 mm	Ø7 mm	10	Piece	0,167	**211554**
148 mm	108 mm	40 mm	Ø9 mm	10	Piece	0,190	**211561**

FITTINGS FOR WOODEN FENCES

Clips for fence post made of T-profile with clamping plate

height adjustable
suitable for fence post no. 212421 etc.
material thickness: 4,5 mm
number of holes: 2
Hole: Ø8,5 mm

Accessory note: Clamping plates and adjusting screws included.

Dimension a	Dimension b	Dimension c	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: hot galvanized						
186 mm	136 mm	40 mm	10	Piece	0,339	**212568**

Clips for fence post made of T-profile with clamping plate

height adjustable
suitable for fence post no. 212421 etc.
material thickness: 5 mm
number of holes: 2
Hole: Ø8,5 mm

Accessory note: Clamping plates and adjusting screws included.

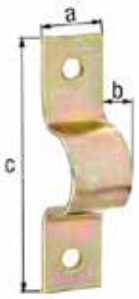
Dimension a	Dimension b	Dimension c	Dimension d	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: hot galvanized							
40 mm	33 mm	85 mm	125 mm	10	Piece	0,360	**211530**

Clip

straight
Consists of ground plate and clip
for tube: Ø42,5 mm
for tube: Ø1 1 / 4 Zoll
material thickness of clip: 3
material thickness of plate: 4,5 mm
number of holes: 2
Hole: Ø8,5 mm

Dimension a	Dimension b	Dimension c	Dimension d	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: hot galvanized							
40 mm	150 mm	42,5 mm	200 mm	10	Piece	0,495	**211493**

Tube clip



for fixing fence posts on walls, L blocks, etc.

Dimension a	Dimension b	Dimension c	for tube	for tube	material thickness	number of holes	Hole	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: yellow galvanized											
20 mm	19,0 mm	79,0 mm	Ø19,0 mm	Ø3/4 inch	2 mm	2	Ø6,5 mm	20	Piece	0,031	**216627**
20 mm	24,0 mm	86,5 mm	Ø25,0 mm	Ø1 inch	2 mm	2	Ø6,5 mm	20	Piece	0,036	**216634**
25 mm	32,0 mm	107,0 mm	Ø31,8 mm	Ø1 1/4 inch	3 mm	2	Ø9,0 mm	20	Piece	0,092	**216641**
40 mm	39,5 mm	104,0 mm	Ø42,4 mm	Ø1 2/3 inch	3 mm	2	Ø10,0 mm	10	Piece	0,157	**216658**
40 mm	44,0 mm	119,0 mm	Ø44,5 mm	Ø1 3/4 inch	3 mm	4	Ø8,0 mm	10	Piece	0,168	**216665**
40 mm	55,0 mm	133,0 mm	Ø57,0 mm	Ø2 1/4 inch	3 mm	4	Ø8,0 mm	10	Piece	0,196	**216672**

FITTINGS FOR WOODEN FENCES

Tube clip

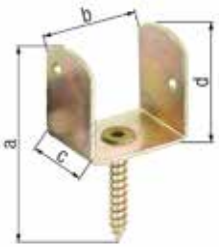
for tube: Ø25 mm

	PU	Sales unit	Pieces per sale unit	Weight per UQ (kg)	Order no. 4004338...
	Material: stainless steel, V2A / AISI 304				
VA	5	Piece	1 pc.	0,023	**722814**

Timber connector, two parts

Set parts: 4 timber connectors, two parts, 8 screws with torx, 1 closing tool, 1 assembly instruction

	Dimension a	Dimension b	Dimension c	PU	Sales unit	Pieces per sale unit	Weight per UQ (kg)	Order no. 4004338...
	Material: stainless steel							
VA	36 mm	36 mm	8 mm	5	Blister	4 pc.	0,176	**330491**



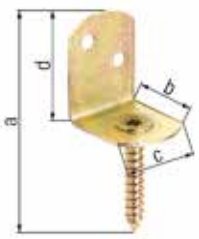
Fence bracket

U shaped

with wood screw
Drive: round size 30
Wood screw: Ø8 x 45 mm
material thickness: 2 mm
number of holes: 2
Hole: Ø4,5 mm

Assembly note: Holes of a Ø 6 mm must be predrilled in the timber post before the fence bracket can be installed.

Dimension a	Dimension b	Dimension c	Dimension d	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: yellow galvanized							
83 mm	38 mm	30 mm	38 mm	100	Piece	0,076	**213374**



Fence bracket

L shape

with wood screw
Drive: round size 30
Wood screw: Ø8 x 45 mm
material thickness: 2 mm
number of holes: 2
Hole: Ø5 mm

Assembly note: Holes of a Ø 6 mm must be predrilled in the timber post before the fence bracket can be installed.

Accessory note: For an easy fixation and adjustment use drive-in tool for fence bracket n° 208790

	Dimension a	Dimension b	Dimension c	Dimension d	number of screws	PU	Sales unit	Pieces per sale unit	Weight per UQ (kg)	Order no. 4004338...
	Material: steel, surface: yellow galvanized									
	83 mm	32 mm	30 mm	38 mm	-	50	Piece	-	0,048	**213442**
GP	83 mm	32 mm	30 mm	38 mm	-	6	Package	24 pc.	0,980	**212209**
GP	83 mm	32 mm	30 mm	38 mm	-	1	Package	100 pc.	4,800	**213428**
	83 mm	32 mm	30 mm	38 mm	8 pc.	20	Blister	4 pc.	0,230	**213466**
	Material: steel, surface: hot galvanized									
	83 mm	32 mm	30 mm	38 mm	-	100	Piece	-	0,052	**213459**
	83 mm	32 mm	30 mm	38 mm	8 pc.	20	Blister	4 pc.	0,230	**219314**

FITTINGS FOR WOODEN FENCES

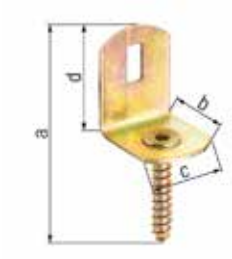
Dimension a	Dimension b	Dimension c	Dimension d	number of screws	PU	Sales unit	Pieces per sale unit	Weight per UQ (kg)	Order no. 4004338...	
Material: stainless steel										
83 mm	32 mm	30 mm	38 mm	-	50	Piece	-	0,050	**213336**	VA
83 mm	32 mm	30 mm	38 mm	8 pc.	20	Blister	4 pc.	0,229	**213275**	VA

Fence bracket
continued from page 142

Fence bracket

L shape

with slotted hole
with wood screw
Drive: round size 30
Wood screw: Ø8 x 45 mm
material thickness: 2 mm
number of holes: 1
slotted hole: 14 x 6,5 mm



Assembly note: Holes of a Ø 6 mm must be predrilled in the timber post before the fence bracket can be installed.

Accessory note: For an easy fixation and adjustment use drive-in tool for fence bracket n° 208790

Dimension a	Dimension b	Dimension c	Dimension d	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: yellow galvanized							
83 mm	32 mm	30 mm	38 mm	100	Piece	0,050	**213213**

Fence bracket

L shape

with wood screw
Drive: round size 30
Wood screw: Ø8 x 45 mm
material thickness: 2,5 mm
number of holes: 4 / 1
Hole: Ø4,5 / 9,0 mm

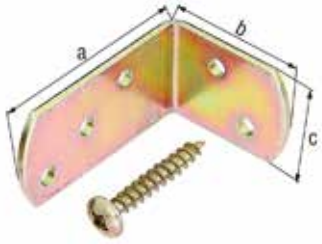
Assembly note: Holes of a Ø 6 mm must be predrilled in the timber post before the fence bracket can be installed.

Accessory note: For an easy fixation and adjustment use drive-in tool for fence bracket n° 208790

Dimension a	Dimension b	Dimension c	Dimension d	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...	
Material: steel, surface: yellow galvanized								
115 mm	31,5 mm	30 mm	75 mm	50	Piece	0,087	**213237**	
Material: stainless steel								
115 mm	31,5 mm	30 mm	75 mm	24	Piece	0,073	**326159**	VA

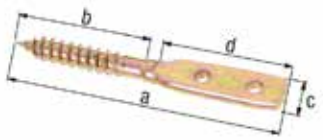
Fence angle bracket

Screw: Ø4 x 25 mm
material thickness: 2,5 mm
number of holes: 5
Hole: Ø5,2 mm



Dimension a	Dimension b	Dimension c	number of screws	PU	Sales unit	Pieces per sale unit	Weight per UQ (kg)	Order no. 4004338...	
Material: steel, surface: yellow galvanized									
60 mm	40 mm	30 mm	30 pc.	10	Package	6 pc.	0,412	**208806**	
60 mm	40 mm	30 mm	120 pc.	10	Package	24 pc.	1,481	**208820**	

FITTINGS FOR WOODEN FENCES



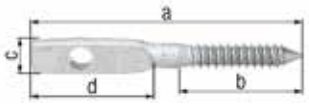
Fence bracket

Flat-leaf screw shape

Thread: Ø8 mm
material thickness: 3 mm
number of holes: 2
Hole: Ø4,5 mm
Distance from middle to middle of hole: 15 mm

Assembly note: Holes of a Ø 6 mm must be predrilled in the timber post before the fence bracket can be installed.

Dimension a	Dimension b	Dimension c	Dimension d	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: yellow galvanized, for screwing in							
80 mm	35 mm	12 mm	39 mm	25	Piece	0,023	**213473**



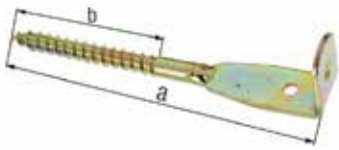
Fence bracket

Flat-leaf screw shape

Thread: Ø10 mm
material thickness: 3 mm
number of holes: 1
Hole: Ø9 mm

Assembly note: Holes of a Ø 6 mm must be predrilled in the timber post before the fence bracket can be installed.

Dimension a	Dimension b	Dimension c	Dimension d	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: hot galvanized, for screwing in							
100 mm	40 mm	15 mm	53 mm	50	Piece	0,043	**213534**



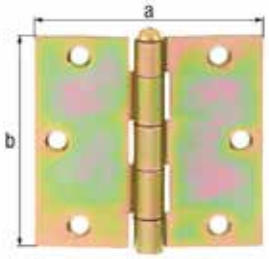
Fence bracket

Flat-leaf screw shape
angled

for professional assembly of timber or metal espaliers to indoor or outdoor walls
Thread: Ø10 mm
number of holes: 2
Hole: Ø6 mm

Assembly note: Holes of a Ø 6 mm must be predrilled in the timber post before the fence bracket can be installed.

Dimension a	Dimension b	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: yellow galvanized, for screwing in					
160 mm	75 mm	20	Piece	0,080	**213251**



Fence hinge

with unattached brass pin
rolled
material thickness: 2,5 mm
number of holes: 6
Hole: Ø6 mm

Dimension a	Dimension b	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: yellow galvanized					
90 mm	90 mm	10	Piece	0,210	**213299**

FITTINGS FOR WOODEN FENCES

Screw in tool
for fence bracket

- Easy installation of the fence bracket to the post. Prevents surface damage during installation.

Dimension a	Dimension b	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: zinc phosphated, ruby plastic coated RAL 3003					
Ø60 mm	17 mm	10	Piece	0,010	**208790**

Oval post for privacy fences
without drill hole
with aluminium post cover
Post thickness: 70 x 50 mm oval tube
material thickness: 2 mm oval tube

Accessory note: Fixing set can be ordered separately (item n° 212124 or 212445)

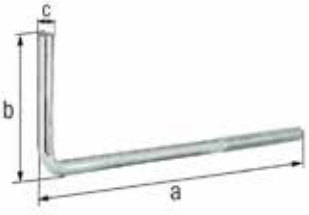
Length	Post base	material thickness of post ground plate	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: zinc phosphated, anthracite metallic powder coated, for setting in concrete, 15 year guarantee against rusting through						
1400 mm	-	-	2	Piece	4,800	**211981**
2290 mm	-	-	2	Piece	6,540	**212001**
Material: steel, surface: zinc phosphated, anthracite metallic powder coated, to screw on, 15 year guarantee against rusting through						
950 mm	120 x 120 mm	8 mm	1	Piece	4,200	**211998**
1850 mm	120 x 120 mm	8 mm	1	Piece	6,190	**212100**

Ground anchor
with ground pin
ground pin made of riffle steel
Ground anchor and ground pin connected by binder
Material: 40 x 5 mm
Hole: Ø9 / 16 mm

Assembly note: Ground anchor can be fixed by screws or ground pin.

Dimension a	Dimension b	Dimension c	Dimension d	Dimension e	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: hot galvanized								
109 mm	637 mm	50 mm	700 mm	Ø12 mm	1	Piece	1,950	**219338**

Fence rail connector
for fixing fence rails to wooden and concrete posts
Thread: M12



Dimension a	Dimension b	Dimension c	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: yellow galvanized, for screwing on						
190 mm	110 mm	Ø10,7 mm	30	Piece	0,200	**218232**
230 mm	100 mm	Ø10,7 mm	30	Piece	0,225	**218218**
Material: steel, surface: yellow galvanized, with nut and washer, for screwing in						
235 mm	90 mm	Ø11,0 mm	20	Piece	0,245	**219994**

FITTINGS FOR WOODEN FENCES

Fence rail connector

U shaped

with drive-in peak
for fixing fence rails to wooden and concrete posts
material thickness: 3,5 mm
number of holes: 1
Hole: Ø6,5 mm

Dimension a	Dimension b	Dimension c	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: hot galvanized						
52 mm	100 mm	30 mm	10	Piece	0,210	**218256**

Fence rail connector

U shaped

for fixing fence rails to wooden and concrete posts
material thickness: 3 mm
number of holes: 4
Hole: Ø6 mm

Dimension a	Dimension b	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: hot galvanized					
100 mm	345 mm	1	Piece	0,770	**202910**
140 mm	345 mm	1	Piece	0,790	**202934**

Slip rail bracket

Fittings for post and rail fence gates
material thickness: 5 mm
number of holes: 2
Hole: Ø11 mm

Dimension a	Dimension b	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: hot galvanized					
40 mm	320 mm	1	Piece	0,850	**202873**

Palisade fencing bracket

for posts and half-round fence rails, Ø100 mm

Fittings for post and rail fence centred assembly
material thickness: 2,5 mm
number of holes: 4 / 1
Hole: Ø11 / 5 mm

Dimension a	Dimension b	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: hot galvanized					
70 mm	180 mm	10	Piece	0,290	**202835**

FITTINGS FOR WOODEN FENCES

Palisade fencing bracket
for posts and half-round fence rails, Ø100 mm

Fittings for handrail assembly
material thickness: 2 mm
number of holes: 3
Hole: Ø11 mm

Dimension a	Dimension b	Dimension c	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: hot galvanized						
70 mm	65 mm	70 mm	10	Piece	0,160	**202880**

Palisade fencing bracket
for posts and half-round fence rails, Ø100 mm

Fittings for post and rail fence corner and end assembly
material thickness: 2,5 mm
number of holes: 3 / 1
Hole: Ø11 / 5 mm

Dimension a	Dimension b	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: hot galvanized					
70 mm	107,5 mm	10	Piece	0,160	**202842**

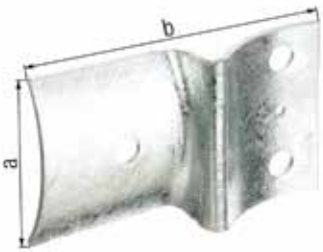
Palisade fencing bracket
for posts and palisade posts, Ø100 mm

Fittings for post and rail fence centred assembly
material thickness: 2,5 mm
number of holes: 4 / 1
Hole: Ø11 / 5 mm

Dimension a	Dimension b	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: hot galvanized					
70 mm	200 mm	10	Piece	0,300	**202811**

Palisade fencing bracket
for posts and palisade posts, Ø100 mm

Fittings for post and rail fence corner and end assembly
material thickness: 2,5 mm
number of holes: 3 / 1
Hole: Ø11 / 5 mm



Dimension a	Dimension b	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: hot galvanized					
70 mm	117,5 mm	10	Piece	0,180	**202828**

FITTINGS FOR WOODEN FENCES

Palisade fencing bracket

for posts and half-round fence rails, Ø80 mm

Fittings for picket fence centred assembly
material thickness: 2 mm
number of holes: 4 / 1
Hole: Ø9 / 5 mm

Dimension a	Dimension b	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: hot galvanized					
40 mm	121 mm	10	Piece	0,090	**202859**

Palisade fencing bracket

for posts and half-round fence rails, Ø80 mm

Fittings for picket fence corner and end assembly
material thickness: 2 mm
number of holes: 3 / 1
Hole: Ø9 / 5 mm

Dimension a	Dimension b	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: hot galvanized					
40 mm	78 mm	10	Piece	0,050	**202866**

Drive in tool

for round timber posts

- The drive-in tool prevents wood posts from being damaged when driven in the ground.

Assembly note: Suitable for palisade wood until a diameter of 80 mm

Dimension a	Dimension b	Depth	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: plastic, colour: green						
Ø95 mm	90 mm	60 mm	1	Piece	0,390	**211202**

DOOR FITTINGS

Door lifter

to hang or unhinge doors

with black gummed tread
fulcrum reinforced with felt
Material: 30 x 5 mm
max latch height: 70 mm
material thickness of felt: 4 mm

PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: zinc phosphated, anthracite powder coated			
10	Piece	0,300	**870119**

Door stopper

number of holes: 3
Hole: Ø5 mm

Dimension a	PU	Sales unit	Pieces per sale unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: brown painted					
130 mm	3	Blister	1 pc.	0,127	**417604**
180 mm	3	Blister	1 pc.	0,266	**417659**
Material: steel, surface: white painted					
130 mm	3	Blister	1 pc.	0,130	**417611**
180 mm	3	Blister	1 pc.	0,265	**417666**

Swinging door hinge

for 18 - 25 mm wall thicknesses
with adjustment pin and adjustment rivet
number of holes: 8
Hole: Ø4,3 mm

Dimension a	Dimension b	Dimension c	Dimension d	PU	Sales unit	Pieces per sale unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, Surface: blue galvanized								
76 mm	52 mm	29 mm	34 mm	5	Blister	1 pc.	0,525	**411664**

Swinging door hinge

for 25 - 30 mm wall thicknesses
with adjustment pin and adjustment rivet
number of holes: 8
Hole: Ø5,3 mm

Dimension a	Dimension b	Dimension c	Dimension d	PU	Sales unit	Pieces per sale unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, Surface: blue galvanized								
100 mm	53 mm	31 mm	36 mm	5	Blister	1 pc.	0,685	**411671**

DOOR FITTINGS

Roller snap lock

for swinging gates

with adjustable roll
with locking plate
Plate: 18 x 90 mm
number of holes: 2 / 4
Hole: Ø6 / 4,8 mm

PU	Sales unit	Pieces per sale unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: yellow galvanized				
5	Blister	1 pc.	0,095	**411695**

SWING FITTINGS

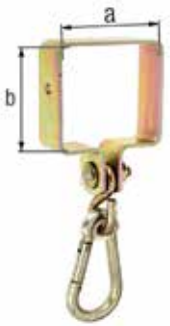
Swing hook
for round timber

with carabiner for attaching the swing rope
Carabiner located in plastic ring
Carabiner connected to clip with S hook
Carabiner not available separately
Max. load capacity: 70 kg

Assembly note: Use screws to prevent the clip from turning.

Dimension a	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: yellow galvanized				
Ø100 mm	6	Piece	0,635	**207502**
Ø120 mm	6	Piece	0,690	**207519**

Swing hook
for square timber



with carabiner for attaching the swing rope
Carabiner located in plastic ring
Carabiner connected to clip with S hook
for wooden swings with 90 x 90 mm squared timber
Carabiner not available separately
Max. load capacity: 70 kg

Dimension a	Dimension b	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: yellow galvanized					
90 mm	90 mm	6	Piece	0,510	**217518**

Swing hook

with carabiner for attaching the swing rope
Carabiner located in plastic ring
Carabiner not available separately
Thread: M12
Carabiner: Ø10 x 100 mm
Max. load capacity: 70 kg

Accessory note: Accessory consisting of one nut, one safety nut, and two washers.

Dimension a	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: yellow galvanized, for screwing on				
200 mm	10	Piece	0,369	**204907**

Swing hook
with wood thread

Thread: Ø12 x 55

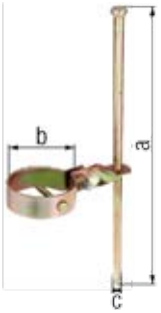
Dimension a	Dimension b	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, Surface: blue galvanized, for screwing in					
160 mm	Ø11,5 mm	5	Piece	0,242	**204525**

SWING FITTINGS

Swing hook
with thread

Thread: M12 x 80

Dimension a	Dimension b	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, Surface: blue galvanized, for screwing in					
180 mm	Ø10 mm	5	Piece	0,264	**204532**



Swing anchor
for fixing to the floor

Key bolt: Ø8 x 60 mm

Assembly note: The supporting post does not have to be embedded in the ground.

Set parts: One set consists of one clamp, one peg and one screw.

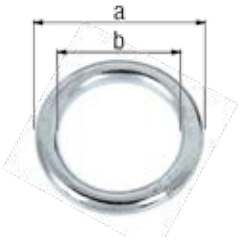
Dimension a	Dimension b	Dimension c	PU	Sales unit	Pieces per sale unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: yellow galvanized, individual parts connected by binder							
400 mm	Ø80 mm	Ø12 mm	6	Blister	1 pc.	0,690	**204853**
400 mm	Ø90 mm	Ø12 mm	6	Blister	1 pc.	0,730	**204860**
400 mm	Ø100 mm	Ø12 mm	6	Blister	1 pc.	0,755	**204877**

Ground anchor
to screw in

loop: Ø100 mm

Accessory note: Mounting hardware (hexagonal screw DIN 571, Ø10 x 70 mm and washer DIN 440, outer diameter Ø34 mm, hot galvanized) included.

Dimension a	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: hot galvanized				
525 mm	1	Piece	0,660	**204938**



Mounting ring

material thickness: 9 mm

Dimension a	Dimension b	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, Surface: blue galvanized					
Ø65 mm	Ø45 mm	10	Piece	0,087	**204587**

Mounting ring

material thickness: 10 mm

Dimension a	Dimension b	Dimension c	Dimension d	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, Surface: blue galvanized, for screwing in							
125 mm	Ø65 mm	Ø10 x 40 mm	Ø45 mm	10	Piece	0,160	**204594**

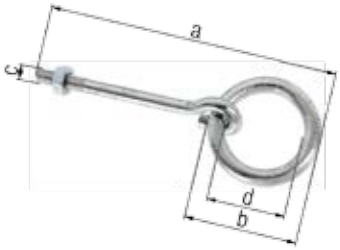
SWING FITTINGS

Mounting ring

Dimension a	Dimension b	Dimension c	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, Surface: blue galvanized, for screwing in						
160 mm	Ø36 mm	Ø8 x 60 mm	25	Piece	0,071	**204419**
170 mm	Ø47 mm	Ø12 x 70 mm	10	Piece	0,185	**204426**

Mounting ring with thread

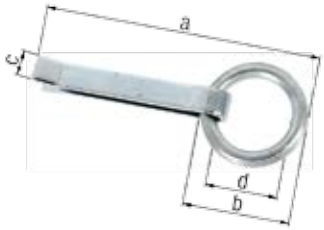
Thread: M10 x 30
material thickness: 10 mm



Dimension a	Dimension b	Dimension c	Dimension d	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, Surface: blue galvanized, for screwing in							
130 mm	Ø65 mm	Ø9 x 30 mm	Ø45 mm	10	Piece	0,195	**204518**

Mounting ring

Square bar: 5 mm
material thickness: 10 mm



Dimension a	Dimension b	Dimension c	Dimension d	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, Surface: blue galvanized, for sealing							
170 mm	Ø65 mm	15 mm	Ø45 mm	10	Piece	0,270	**204600**

POST SUPPORTS

Lengthen the service life of your timbers

Advantages

- Extensive post support product line on the European market
- European technically approved post supports

Structural wood protection

Several things should be noted when mounting post supports. Usually the posts should always rest with its full surface on the base plate. With regard to the structural wood protection, there should be a maximum distance of 10 mm between post end and base plate.

They should never be directly embedded in concrete but rather installed with post supports or drive-in ground sleeves.

The correct anchoring

The basic requirement for long durability and faultless functioning of a fence or another wooden structure is thecorrect ground anchoring of the posts.

In the table of guidelines you will find suitable post supports for the most varied fences and building projects. However, please always keep in mind that these are only guide values. In case of doubt, please ask a structural engineer or architect.

Dowelling

When doweling post supports, pay close attention to a stable foundation (masonry, concrete slab). The most stable wooden structure with doweled post supports is useless to you if the masonry suddenly breaks off during installation.
Please take note of the minimum gaps in dowel fastenings. Please consult the respective manufacturers for information in this matter.

Embedding in concrete

When embedding in concrete, make sure that in the H post support the bottom bracket is embedded a min. of 3 cm deep in the concrete.

Driving in

Drive in ground sleeves only with the corresponding driver tool since otherwise the sleeves can be damaged. Drive-in ground sleeves should only be driven into secure soil (untouched for 10-12 years).

Please take note of the principle: Never use hot-dip galvanised post supports and screws in red cedar wood. This type of wood is not compatible with zinc – the wood „bleeds“! We recommend stainless steel post supports and screws!

Stahl

LEISTUNGSERKLÄRUNG

gem. Verordnung (EU) 305/2011 · Nr. GAH 6046

GAH ALBERTS
Ideen für Haus und Garten

1 ETA 10/0210
GAH Pfostenträger

2 **Typ Nr.: 326, 327, 345, 345VA, 365, 365v, 365VA, 366, 367, 369, 370, 375, 393, 394, 395, 397, 398, 399, 451, 472, 476, 566, 569, 577, 579, 580, 581, 583, 655, 665, 751**
Die Pfostenträger sind mit Herstellerzeichen, CE und der Nummer des Karlsruher Instituts für Technologie gekennzeichnet. Alle weiteren Angaben, wie das Fertigungslos sind auf dem Verpackungsetikett angegeben.

3 Die Pfostenträger sind für den Einsatz in Holzbauten vorbehaltlich der Service-Klassen 1, 2 und 3 von Eurocode 5 und für Verbindungen unter vorwiegend ruhender oder quasi ruhender Belastung bestimmt.

4 Gust. Alberts GmbH & Co. KG
Gewerbegebiet Grünenthal
58849 Herscheid

5 entfällt

6 System der Leistungsbeständigkeit: 2+

7 entfällt

8 Das Karlsruher Institut für Technologie (KIT), NB-Nr. 0769, hat die Erstinspektion des Werkes und der werkseigenen Produktionskontrolle sowie die laufende Überwachung, Bewertung und Evaluierung der werkseigenen Produktionskontrolle nach dem System 2+ vorgenommen und folgendes ausgestellt: Bescheinigung der Konformität zur werkseigenen Produktionskontrolle, Nr. 0769-CPD-6046.

9 **Erklärte Leistung**

Wesentliche Merkmale	Leistung	Harmonisierte techn. Spezifikation
Charakteristische Tragfähigkeit	siehe Anhang B der ETA 10/0210	
Steifigkeit	Keine Leistung festgelegt	ETA 10/0210 ETAG 015 Dreidimensionale Nagelplatten
Duktilität	Keine Leistung festgelegt	
Sicherheit beim Brandfall Brandverhalten	Die Pfostenträger sind aus Stahl gefertigt, klassifiziert als Euroklasse A1 nach EN 1350-1	EN 1350-1
Hygiene, Gesundheit und Umweltschutz	Keine Gefahrstoffe enthalten	
Dauerhaftigkeit und Gebrauchstauglichkeit	Die Pfostenträger sind mit zufriedenstellender Dauerhaftig- und Gebrauchstauglichkeit bewertet, wenn sie in Holzkonstruktionen mit Holzarten die in Eurocode 5 beschrieben sind, verwendet werden und unterliegen den Bedingungen der Serviceklassen 1, 2, und 3.	
Identifizierung	siehe Anhang A der ETA 10/0210	

10 **Die Leistung des Produkts gemäß den Nummern 1 und 2 entspricht der erklärten Leistung nach Nummer 9. Verantwortlich für die Erstellung dieser Leistungserklärung ist allein der Hersteller gemäß Nummer 4. Unterzeichnet für den Hersteller und im Namen des Herstellers von:**

Peter Feldmann	**Leiter Qualitätsmanagement**
Name	Funktion
Herscheid, den 31. Juli 2013	**i.A.**
Ort / Datum der Ausstellung	Unterschrift

GAH ALBERTS

GAH ALBERTS

CE certified quality

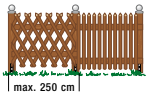
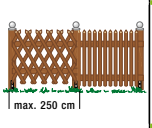
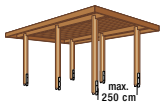
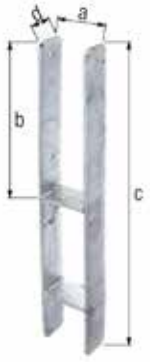
With CE label	CE	CE	CE	CE	CE	CE	–	–	–	–	–	–	–	–	–	–	–	–	–	CE
Maximum height: 120 cm 		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Maximum height: 150 cm 	●	●	●	●		●			●	●	●	●	●	●	●	●	●	●	●	●
Maximum height: 120 cm	●	●	●						●	●	●		●	●	●	●	●	●	●	●
Maximum height: 150 cm	●	●	●						●	●	●		●	●	●	●	●	●	●	●
Maximum height: 180 cm	●																			●
Maximum height: 180 cm	●	●	●						●	●	●		●	●	●	●		●	●	●
Maximum height: 200 cm	●																			
Maximum height: 260 cm	●																			
Maximum height: 260 cm 	●																			

TABLE OF GUIDELINES

When building wooden structures, structural analysis plays an important role. It is influenced by wood thickness and types, screws, post distances and construction. For your safety the identified post supports have CE approval. In single and double gates we recommend the use of H post supports.

www.gah.de

POST SUPPORTS



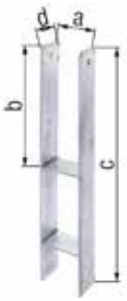
H post support

material thickness: 5 mm
number of holes: 4
Hole: Ø11 mm

Assembly note: Statically suitable for high woven and privacy fences. Suitable for timber construction and wooden fences as per the standard value table.

Accessory note: Suitable fixing material can be ordered separately.

	Dimension a	Dimension b	Dimension c	Dimension d	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: hot galvanized, for setting in concrete, with CE marking according to ETA 100210								
CE	71 mm	300 mm	600 mm	60 mm	1	Piece	2,950	**213800**
CE	81 mm	300 mm	600 mm	60 mm	1	Piece	3,100	**213817**
CE	91 mm	300 mm	600 mm	60 mm	1	Piece	3,150	**213824**
CE	101 mm	300 mm	600 mm	60 mm	1	Piece	3,600	**203917**
CE	111 mm	300 mm	600 mm	60 mm	1	Piece	3,250	**203924**
CE	116 mm	300 mm	600 mm	60 mm	1	Piece	3,650	**203931**
CE	121 mm	300 mm	600 mm	60 mm	1	Piece	3,700	**203948**



H post support

material thickness: 6 mm
number of holes: 4
Hole: Ø11 mm

Assembly note: Statically suitable for carports, high woven and privacy fences. Suitable for timber construction and wooden fences as per the standard value table.

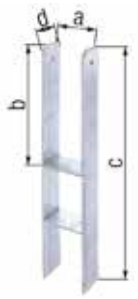
Accessory note: Suitable fixing material can be ordered separately.

	Dimension a	Dimension b	Dimension c	Dimension d	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: hot galvanized, for setting in concrete, with CE marking according to ETA 100210								
CE	91 mm	300 mm	600 mm	60 mm	1	Piece	3,880	**213626**
CE	95 mm	300 mm	600 mm	60 mm	1	Piece	3,900	**213886**
CE	101 mm	300 mm	600 mm	60 mm	1	Piece	3,950	**213831**
CE	111 mm	300 mm	600 mm	60 mm	1	Piece	4,100	**213879**
CE	116 mm	300 mm	600 mm	60 mm	1	Piece	4,150	**213916**
CE	121 mm	300 mm	600 mm	60 mm	1	Piece	4,200	**213848**
CE	141 mm	300 mm	600 mm	60 mm	1	Piece	4,400	**213893**
CE	91 mm	300 mm	800 mm	60 mm	1	Piece	5,245	**219925**
CE	111 mm	300 mm	800 mm	60 mm	1	Piece	5,405	**219949**
CE	116 mm	300 mm	800 mm	60 mm	1	Piece	5,340	**208417**
CE	121 mm	300 mm	800 mm	60 mm	1	Piece	5,360	**208424**
CE	141 mm	300 mm	800 mm	60 mm	1	Piece	5,360	**208431**

POST SUPPORTS

H post support

material thickness: 8 mm
number of holes: 4
Hole: Ø13 mm



Assembly note: Statically suitable for carports, gate posts, high woven and privacy fences. Suitable for timber construction and wooden fences as per the standard value table.

Accessory note: Suitable fixing material can be ordered separately.

Dimension a	Dimension b	Dimension c	Dimension d	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...	
Material: steel, surface: hot galvanized, for setting in concrete, with CE marking according to ETA 100210								
116 mm	400 mm	800 mm	80 mm	1	Piece	9,950	**208448**	CE
121 mm	400 mm	800 mm	80 mm	1	Piece	10,010	**205003**	CE
141 mm	400 mm	800 mm	80 mm	1	Piece	10,220	**205010**	CE
161 mm	400 mm	800 mm	80 mm	1	Piece	10,440	**208455**	CE

H post support

material thickness: 4 mm
number of holes: 4
Hole: Ø11 mm

Accessory note: Suitable fixing material can be ordered separately.

Dimension a	Dimension b	Dimension c	Dimension d	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...	
Material: stainless steel, for setting in concrete, with CE marking according to ETA 100210								
91 mm	300 mm	600 mm	60 mm	1	Piece	2,580	**213718**	CE VA

H post support

adjustable
material thickness: 4 mm
number of holes: 4
Hole: Ø11 mm

Assembly note: Statically suitable for carports, high woven and privacy fences. Suitable for timber construction and wooden fences as per the standard value table.

Accessory note: Suitable fixing material can be ordered separately.

Dimension a	Dimension b	Dimension c	Dimension d	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...	
Material: stainless steel, for setting in concrete, with CE marking according to ETA 100210								
91 - 141 mm	300 mm	600 mm	60 mm	1	Piece	2,890	**213701**	CE VA

H post support

material thickness: 5 mm
number of holes: 4
Hole: Ø11 mm

Accessory note: Suitable fixing material can be ordered separately.

Dimension a	Dimension b	Dimension c	Dimension d	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...	
Material: steel, surface: hot galvanized, for setting in concrete, with CE marking according to ETA 100210								
91 mm	200 mm	400 mm	50 mm	1	Piece	1,750	**219703**	CE

POST SUPPORTS

U post support

with concrete anchor made of riffle steel

Material of concrete anchor: Ø16 mm
material thickness: 4 mm
number of holes: 6
Hole: Ø11 mm

Assembly note: Not statically suitable for high woven and privacy fences. Suitable for timber construction and wooden fences as per the standard value table.

Accessory note: Suitable fixing material can be ordered separately.

Dimension a	Dimension b	Dimension c	Dimension d	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: hot galvanized, for setting in concrete, with CE marking according to ETA 100210							
CE 71 mm	100 mm	200 mm	60 mm	1	Piece	0,874	**214234**
CE 75 mm	100 mm	200 mm	60 mm	1	Piece	0,881	**214241**
CE 81 mm	100 mm	200 mm	60 mm	1	Piece	0,892	**214258**
CE 91 mm	100 mm	200 mm	60 mm	1	Piece	0,908	**214265**
CE 101 mm	100 mm	200 mm	60 mm	1	Piece	0,930	**214289**
CE 121 mm	100 mm	200 mm	60 mm	1	Piece	0,967	**214296**
CE 141 mm	100 mm	200 mm	60 mm	1	Piece	1,005	**214302**

U post support

with concrete anchor made of riffle steel

with post supports on the side for constructive wood protection
Material of concrete anchor: Ø16 mm
material thickness: 4 mm
number of holes: 6
Hole: Ø11 mm

Assembly note: Not statically suitable for high woven and privacy fences.

Accessory note: Suitable fixing material can be ordered separately.

Dimension a	Dimension b	Dimension c	Dimension d	Dimension e	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: hot galvanized, for setting in concrete, with CE marking according to ETA 100210								
CE 71 mm	150 mm	200 mm	60 mm	100 mm	1	Piece	1,080	**208509**
CE 81 mm	150 mm	200 mm	60 mm	100 mm	1	Piece	1,100	**208516**
CE 91 mm	150 mm	200 mm	60 mm	100 mm	1	Piece	1,120	**208523**
CE 101 mm	150 mm	200 mm	60 mm	100 mm	1	Piece	1,140	**208530**
CE 121 mm	150 mm	200 mm	60 mm	100 mm	1	Piece	1,180	**208547**

POST SUPPORTS

U post support
with extra long concrete anchor made of riffle steel

Material of concrete anchor: Ø16 mm
material thickness: 4 mm
number of holes: 6
Hole: Ø11 mm

Assembly note: Not statically suitable for high woven and privacy fences. Suitable for timber construction and wooden fences as per the standard value table.

Accessory note: Suitable fixing material can be ordered separately.

Dimension a	Dimension b	Dimension c	Dimension d	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...	
Material: steel, surface: hot galvanized, to set in concrete								
121 mm	100 mm	400 mm	60 mm	1	Piece	1,620	**212711**	
141 mm	100 mm	400 mm	60 mm	1	Piece	1,750	**212728**	
161 mm	100 mm	400 mm	60 mm	1	Piece	1,900	**212896**	
Material: steel, surface: hot galvanized, for setting in concrete, with CE marking according to ETA 100210								
91 mm	100 mm	400 mm	60 mm	1	Piece	1,510	**214401**	CE
101 mm	100 mm	400 mm	60 mm	1	Piece	1,550	**214418**	CE

U post support
with concrete anchor made of round steel

Material of concrete anchor: Ø16 mm
material thickness: 4 mm
number of holes: 6
Hole: Ø11 mm

Assembly note: Not statically suitable for high woven and privacy fences.

Accessory note: Suitable fixing material can be ordered separately.

Dimension a	Dimension b	Dimension c	Dimension d	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...	
Material: steel, surface: hot galvanized, to set in concrete								
91 mm	100 mm	200 mm	60 mm	1	Piece	0,853	**214074**	
101 mm	100 mm	200 mm	60 mm	1	Piece	0,875	**214098**	
121 mm	100 mm	200 mm	60 mm	1	Piece	0,912	**214104**	
141 mm	100 mm	200 mm	60 mm	1	Piece	0,950	**214111**	
Material: steel, surface: hot galvanized, for setting in concrete, with CE marking according to ETA 100210								
71 mm	100 mm	200 mm	60 mm	1	Piece	0,818	**214043**	CE
81 mm	100 mm	200 mm	60 mm	1	Piece	0,837	**214067**	CE

U post support
with concrete anchor made of round steel

Material of concrete anchor: Ø16 mm
material thickness: 4 mm
number of holes: 6
Hole: Ø11 mm

Assembly note: Not statically suitable for high woven and privacy fences.

Accessory note: Suitable fixing material can be ordered separately.

Dimension a	Dimension b	Dimension c	Dimension d	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...	
Material: stainless steel, for setting in concrete								
71 mm	100 mm	200 mm	60 mm	1	Piece	0,800	**214203**	VA
91 mm	100 mm	200 mm	60 mm	1	Piece	0,840	**214210**	VA

POST SUPPORTS

U post support
with concrete anchor made of round tube

Material of concrete anchor: Ø42,5 mm
material thickness: 4 mm
number of holes: 6
Hole: Ø11 mm

Assembly note: Not statically suitable for high woven and privacy fences.

Accessory note: Suitable fixing material can be ordered separately.

Dimension a	Dimension b	Dimension c	Dimension d	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: hot galvanized, for setting in concrete, with CE marking according to ETA 100210							
CE 121 mm	120 mm	400 mm	100 mm	1	Piece	2,600	**219758**
CE 141 mm	120 mm	400 mm	100 mm	1	Piece	2,700	**219765**
CE 161 mm	120 mm	400 mm	100 mm	1	Piece	2,800	**219772**

U post support
with concrete anchor made of T-iron

Material of concrete anchor: 40 x 4 mm
material thickness: 4 mm
number of holes: 4
Hole: Ø11 mm

Assembly note: Statically suitable for fence heights up to a maximum of 1500 mm with normal post distance. Suitable for timber construction and wooden fences as per the standard value table.

Accessory note: Suitable fixing material can be ordered separately.

Dimension a	Dimension b	Dimension c	Dimension d	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: hot galvanized, for setting in concrete, with CE marking according to ETA 100210							
CE 71 mm	200 mm	200 mm	50 mm	1	Piece	1,209	**216740**
CE 81 mm	200 mm	200 mm	50 mm	1	Piece	1,224	**216764**
CE 91 mm	200 mm	200 mm	50 mm	1	Piece	1,240	**216771**
CE 96 mm	200 mm	200 mm	50 mm	1	Piece	1,248	**216788**
CE 101 mm	200 mm	200 mm	50 mm	1	Piece	1,256	**216795**
CE 111 mm	200 mm	200 mm	50 mm	1	Piece	1,271	**216818**
CE 121 mm	200 mm	200 mm	50 mm	1	Piece	1,287	**216801**
CE 141 mm	200 mm	200 mm	50 mm	1	Piece	1,318	**216825**
Material: steel, surface: hot galvanized, with extra long concrete anchor, for setting in concrete, with CE marking according to ETA 100210							
CE 91 mm	200 mm	300 mm	50 mm	1	Piece	1,478	**216870**

POST SUPPORTS

U post support
adjustable width

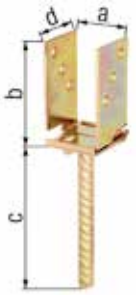
for wooden posts of 71 to 131 mm
Distance from ground: 90 mm
Connecting piece: Ø19 mm Riffled steel
material thickness: 5 mm Riffled steel
number of holes: 10 Riffled steel
Hole: Ø11 mm Riffled steel

Assembly note: Not statically suitable for high woven and privacy fences.

Accessory note: Suitable fixing material can be ordered separately.

Dimension a	Dimension b	Dimension c	Dimension d	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: yellow galvanized, for screwing on							
71 - 131 mm	110 mm	70 mm	100 mm	1	Piece	1,540	**214500**

U post support
adjustable width
with concrete anchor made of riffle steel



for wooden posts of 71 to 131 mm
Material of concrete anchor: Ø19 mm
material thickness: 5 mm
number of holes: 6
Hole: Ø11 mm

Assembly note: Not statically suitable for high woven and privacy fences. Suitable for timber construction and wooden fences as per the standard value table.

Accessory note: Suitable fixing material can be ordered separately.

Dimension a	Dimension b	Dimension c	Dimension d	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: yellow galvanized, for setting in concrete							
71 - 131 mm	110 mm	200 mm	70 mm	1	Piece	1,480	**214494**

U post support
height and width adjustable

material thickness of plate: 5 mm
material thickness: 5 mm
number of holes: 10
Hole: Ø11 mm

- The M20 thread allows the height of the ground clearance to be adjusted from 150 to 190 mm while mounted.

Assembly note: Suitable for timber construction and wooden fences as per the standard value table.

Accessory note: Suitable fixing material can be ordered separately.

Dimension a	Dimension b	Dimension c	Dimension d	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: yellow galvanized, for screwing on							
71 - 161 mm	110 mm	70 mm	100 mm	1	Piece	2,140	**218058**

POST SUPPORTS

U post support

height and width adjustable
with concrete anchor made of riffle steel

Material of concrete anchor: Ø24 mm
material thickness: 5 mm
number of holes: 6
Hole: Ø11 mm

- The M20 thread allows the height of the ground clearance to be adjusted by 60 mm while mounted.

Assembly note: Suitable for timber construction and wooden fences as per the standard value table.

Accessory note: Suitable fixing material can be ordered separately.

Dimension a	Dimension b	Dimension c	Dimension d	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: yellow galvanized, for setting in concrete							
71 - 161 mm	110 mm	250 mm	70 mm	1	Piece	2,450	**219901**

U post support

material thickness: 4 mm
number of holes: 6
Hole: Ø11 mm

Assembly note: Statically suitable for picket, plank, and lattice fences up to 1800 mm for light pergolas. Suitable for timber construction and wooden fences as per the standard value table.

Accessory note: Suitable fixing material can be ordered separately.

Dimension a	Dimension b	Dimension c	Dimension d	Dimension e	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: hot galvanized, to screw on, with CE marking according to ETA 100210								
CE 71 mm	200 mm	60 mm	50 mm	200 mm	1	Piece	0,900	**212766**
CE 81 mm	200 mm	60 mm	50 mm	200 mm	1	Piece	0,925	**212780**
CE 91 mm	200 mm	60 mm	50 mm	200 mm	1	Piece	0,950	**212797**
CE 96 mm	200 mm	60 mm	50 mm	200 mm	1	Piece	1,000	**212803**
CE 101 mm	200 mm	60 mm	50 mm	200 mm	1	Piece	0,940	**212810**
CE 111 mm	200 mm	60 mm	50 mm	200 mm	1	Piece	1,000	**212841**
CE 116 mm	200 mm	60 mm	50 mm	200 mm	1	Piece	1,000	**212858**
CE 121 mm	200 mm	60 mm	50 mm	200 mm	1	Piece	0,983	**212827**

U post support

material thickness: 4 mm
number of holes: 6
Hole: Ø11 mm

Assembly note: Statically suitable for picket, plank, and lattice fences up to 1800 mm for light pergolas. Suitable for timber construction and wooden fences as per the standard value table.

Accessory note: Suitable fixing material can be ordered separately.

Dimension a	Dimension b	Dimension c	Dimension d	Dimension e	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: stainless steel, to screw on, with CE marking according to ETA 100210								
CE VA 71 mm	200 mm	60 mm	50 mm	200 mm	1	Piece	0,980	**212902**
CE VA 91 mm	200 mm	60 mm	50 mm	200 mm	1	Piece	0,980	**212919**

POST SUPPORTS

U post support

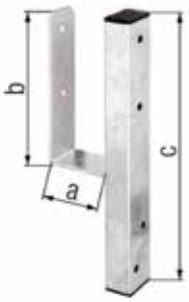
with post supports on the side for constructive wood protection
material thickness: 4 mm
number of holes: 8 / 1
Hole: Ø11 / 14 mm

Assembly note: Not statically suitable for high woven and privacy fences. Suitable for timber construction and wooden fences as per the standard value table.

Accessory note: Suitable fixing material can be ordered separately.

Dimension a	Dimension b	Dimension c	Dimension d	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...	
Material: steel, surface: hot galvanized, to screw on, with CE marking according to ETA 100210								
71 mm	150 mm	100 mm	60 mm	1	Piece	0,686	**217600**	CE
81 mm	150 mm	100 mm	60 mm	1	Piece	0,704	**217617**	CE
91 mm	150 mm	100 mm	60 mm	1	Piece	0,724	**217624**	CE
101 mm	150 mm	100 mm	60 mm	1	Piece	0,741	**217631**	CE
121 mm	150 mm	100 mm	60 mm	1	Piece	0,779	**217648**	CE

U post support
for L border blocks
for square timber posts 90 mm



Material: 60 x 40 mm Square profile
material thickness: 2 mm Square profile
Material of bracket: 60 x 6 mm Flat steel
number of holes: 7 Flat steel
Hole: Ø11 mm Flat steel

Assembly note: Suitable for timber construction and wooden fences as per the standard value table.

Dimension a	Dimension b	Dimension c	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...	
Material: steel, surface: hot galvanized, to screw on, with CE marking according to ETA 100210							
91 mm	230 mm	410 mm	1	Piece	2,200	**214432**	CE

L post support
with concrete anchor made of riffle steel

material thickness: 4 mm
Material of concrete anchor: Ø16 mm
number of holes: 3
Hole: Ø11 mm

Assembly note: Not statically suitable for high woven and privacy fences.

Accessory note: Suitable fixing material can be ordered separately.

Dimension a	Dimension b	Dimension c	Dimension d	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...	
Material: steel, surface: hot galvanized, for setting in concrete, with CE marking according to ETA 100210								
80 mm	100 mm	200 mm	60 mm	1	Piece	0,700	**213954**	CE

POST SUPPORTS

L post support
with concrete anchor made of round steel

material thickness: 4 mm
Material of concrete anchor: Ø16 mm
number of holes: 3
Hole: Ø11 mm

Assembly note: Not statically suitable for high woven and privacy fences. Suitable for timber construction and wooden fences as per the standard value table.

Accessory note: Suitable fixing material can be ordered separately.

Dimension a	Dimension b	Dimension c	Dimension d	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: hot galvanized, for setting in concrete, with CE marking according to ETA 100210							
CE 80 mm	100 mm	200 mm	60 mm	1	Piece	0,644	**214005**

L post support
for square timber posts

suitable for timbers up to 90 x 90 mm
suitable for terraces with wooden tiles
material thickness: 4 mm
number of holes: 1 / 4
Hole: Ø15 / 7,5 mm

Assembly note: Suitable for fixing horizontal square fence posts on the ground.
For the installation we recommend the drive-in tool n° 208394.

Accessory note: Suitable fixing material can be ordered separately.

Dimension a	Dimension b	Dimension c	Dimension d	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: hot galvanized, for screwing in							
470 mm	95 mm	70 mm	70 mm	1	Piece	1,300	**212278**

T post support
with flitch plate

Tube: Ø48,3 mm
material thickness: 8 mm
Hole: Ø11 mm

Dimension a	Dimension b	Dimension c	Dimension d	number of holes	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: hot galvanized, to set in concrete								
130 mm	300 mm	80 mm	90 mm	4	1	Piece	2,650	**212674**
130 mm	500 mm	80 mm	90 mm	4	1	Piece	3,370	**212681**
Material: steel, surface: hot galvanized, for screwing on								
130 mm	150 mm	80 mm	90 mm	8	1	Piece	2,620	**212698**
130 mm	200 mm	80 mm	90 mm	8	1	Piece	2,910	**212704**

POST SUPPORTS

T post support
with flitch plate

material thickness of plate: 6 mm
Material of concrete anchor: Ø16 mm
material thickness of flitch plate: 6 mm
number of holes: 8
Hole: Ø11 mm

Assembly note: Not statically suitable for high woven and privacy fences.

Dimension a	Dimension b	Dimension c	Dimension d	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: hot galvanized, for setting in concrete, with CE marking according to ETA 100210							
130 mm	200 mm	80 mm	80 mm	1	Piece	1,160	**215521** CE

T post support
with flitch plate

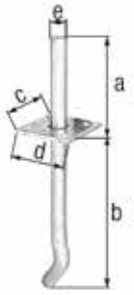
material thickness of plate: 100 x 100 x 5 mm
material thickness of flitch plate: 6 mm
number of holes: 8
Hole: Ø11 mm

Assembly note: Not statically suitable for high woven and privacy fences.

Dimension a	Dimension b	Dimension c	Dimension d	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: hot galvanized, to screw on, with CE marking according to ETA 100210							
130 mm	100 mm	100 mm	80 mm	1	Piece	0,750	**215538** CE

I post support
with pin

material thickness of plate: 5 mm
Material of concrete anchor: Ø16 mm
number of holes: 4
Hole: Ø11 mm



Assembly note: Not statically suitable for high woven and privacy fences.

Accessory note: Suitable fixing material can be ordered separately.

Dimension a	Dimension b	Dimension c	Dimension d	Dimension e	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: hot galvanized, for setting in concrete, with CE marking according to ETA 100210								
100 mm	200 mm	70 mm	70 mm	Ø16 mm	1	Piece	0,820	**215446** CE

I post support
with pin

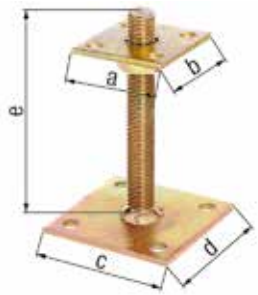
material thickness of plate: 5 mm
number of holes: 4
Hole: Ø11 mm

Assembly note: Not statically suitable for high woven and privacy fences.

Accessory note: Suitable fixing material can be ordered separately.

Dimension a	Dimension b	Dimension c	Dimension d	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: hot galvanized, to screw on, with CE marking according to ETA 100210							
100 mm	100 mm	100 mm	Ø16 mm	1	Piece	0,590	**215453** CE

POST SUPPORTS



I post support
adjustable height from 30 to 150 mm

Thread: M20
material thickness: 5 mm
number of holes: 8

Assembly note: Not statically suitable for high woven and privacy fences.

Accessory note: Suitable fixing material can be ordered separately.

Dimension a	Dimension b	Dimension c	Dimension d	Dimension e	Hole	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: yellow galvanized, for screwing on									
70 mm	70 mm	100 mm	100 mm	150 mm	Ø11 mm	1	Piece	1,120	**218102**
150 mm	150 mm	100 mm	100 mm	150 mm	Ø11 mm	1	Piece	1,595	**218119**

I post support
adjustable height from 100 to 230 mm

Thread: M22
material thickness of post ground plate: 8 mm
number of holes: 1 / 8
Hole: Ø20 / 9 mm

Assembly note: Not statically suitable for high woven and privacy fences.

Accessory note: Suitable fixing material can be ordered separately.

Dimension a	Dimension b	Dimension c	Dimension d	Dimension e	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: yellow galvanized, for screwing on								
80 mm	80 mm	100 mm	100 mm	340 mm	1	Piece	2,000	**217532**

Post support
height adjustable

material thickness of upper plate: 6 mm
material thickness of lower plate: 5 mm
number of holes: 8
Hole: Ø11 mm

- The M20 thread allows the height of the ground clearance to be adjusted from 150 to 190 mm while mounted.

Accessory note: Suitable fixing material can be ordered separately.

Dimension a	Dimension b	Dimension c	Dimension d	Dimension e	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: yellow galvanized, for screwing on								
70 mm	70 mm	100 mm	100 mm	150 - 190 mm	1	Piece	1,160	**212391**

Post support

number of holes: 8

Accessory note: Suitable fixing material can be ordered separately.

Dimension a	Dimension b	Dimension c	Dimension d	Dimension e	Tube	material thickness of plate	Hole	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: hot galvanized, to screw on, with CE marking according to ETA 100210											
CE 90 mm	70 mm	70 mm	90 mm	78 mm	Ø27 mm	4 mm	Ø9 mm	1	Piece	0,900	**219826**
CE 100 mm	100 mm	100 mm	100 mm	100 mm	Ø42 mm	5 mm	Ø10 mm	1	Piece	1,090	**219802**

POST SUPPORTS

Post support

material thickness of plate: 5 mm
Tube: Ø42 mm
number of holes: 8
Hole: Ø11 mm

Dimension a	Dimension b	Dimension c	Dimension d	Dimension e	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...	
Material: steel, surface: hot galvanized, to screw on, with CE marking according to ETA 100210									
150 mm	150 mm	100 mm	100 mm	100 mm	1	Piece	1,650	**219819**	CE
150 mm	150 mm	100 mm	100 mm	150 mm	1	Piece	1,736	**210823**	CE

Inferior purlin anchor

material thickness: 5 mm
number of holes: 2
Hole: Ø11 mm

Dimension a	Dimension b	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: hot galvanized, to set in concrete					
400 mm	40 mm	1	Piece	0,610	**212551**

Post support
for blind wood attachment
with concrete anchor made of round tube

- No fittings are visible when the post (at least 90 x 90 mm) is mounted.
- The stable screws on the post support keeps the post seated properly.

Assembly note: Statically suitable for picket, lattice, or plank fences up to 1500 mm high. Only to be used for woven fences when wall connections or angle constructions make a link.
Holes of a Ø 15 mm must be predrilled in the timber post before the fence bracket can be installed.

Accessory note: We recommend drill set no 208042 for assembly.

Dimension a	Dimension b	Dimension c	Dimension d	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: hot galvanized, to set in concrete							
400 mm	140 mm	Ø42 mm	Ø70 mm	1	Piece	1,850	**208028**

Post support
for blind wood attachment

- No fittings are visible when the post (at least 90 x 90 mm) is mounted.
- The stable screws on the post support keeps the post seated properly.

Assembly note: Suitable for timber construction and wooden fences as per the standard value table.
Holes of a Ø 15 mm must be predrilled in the timber post before the fence bracket can be installed.

Accessory note: We recommend drill set no 208042 for assembly.

Dimension a	Dimension b	Dimension c	Dimension d	Dimension e	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: hot galvanized, for screwing on								
45 mm	140 mm	100 mm	120 mm	Ø70 mm	1	Piece	1,250	**208035**

POST SUPPORTS

Post support

with movable upper part for angular walls

number of holes: 10

Hole: Ø11 mm

Accessory note: Suitable fixing material can be ordered separately.

Dimension a	Dimension b	Dimension c	Dimension d	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: hot galvanized, for screwing on							
71 mm	60 mm	100 mm	100 mm	1	Piece	1,960	**208707**
91 mm	60 mm	100 mm	100 mm	1	Piece	1,910	**208714**

Post support

for L and U border blocks or walls

number of holes: 10

Hole: Ø11 mm

Assembly note: Suitable for timber construction and wooden fences as per the standard value table.

Accessory note: Suitable fixing material can be ordered separately.

Dimension a	Dimension b	Dimension c	Dimension d	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: hot galvanized, for screwing on							
71 mm	71 mm	150 mm	40 mm	1	Piece	1,160	**208721**
91 mm	91 mm	150 mm	40 mm	1	Piece	1,380	**208738**

Bolt down post support

for square timber posts

number of holes: 8

Hole: Ø11 mm

Assembly note: Suitable for timber construction and wooden fences as per the standard value table.

Accessory note: Suitable fixing material can be ordered separately.

Dimension a	Dimension b	Dimension c	Dimension d	Dimension e	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: hot galvanized, for screwing on								
61 mm	61 mm	150 mm	150 mm	150 mm	1	Piece	0,930	**211608**
71 mm	71 mm	150 mm	150 mm	150 mm	1	Piece	1,150	**211615**
81 mm	81 mm	150 mm	150 mm	150 mm	1	Piece	1,260	**211622**
91 mm	91 mm	150 mm	150 mm	150 mm	1	Piece	1,370	**211639**
101 mm	101 mm	150 mm	150 mm	150 mm	1	Piece	1,400	**216245**
121 mm	121 mm	150 mm	180 mm	180 mm	1	Piece	1,900	**217679**

POST SUPPORTS

Bolt down post support
for square timber posts

for flush fixing to corners
number of holes: 12
Hole: Ø11 mm

Assembly note: Suitable for timber construction and wooden fences as per the standard value table.

Accessory note: Suitable fixing material can be ordered separately.

Dimension a	Dimension b	Dimension c	Dimension d	Dimension e	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: hot galvanized, for screwing on								
71 mm	71 mm	150 mm	114 mm	114 mm	1	Piece	1,000	**211714**
91 mm	91 mm	150 mm	134 mm	134 mm	1	Piece	1,330	**211721**

Bolt down post support
for square timber posts

for flush fixing to straight surfaces
number of holes: 12
Hole: Ø11 mm

Assembly note: Suitable for timber construction and wooden fences as per the standard value table.

Accessory note: Suitable fixing material can be ordered separately.

Dimension a	Dimension b	Dimension c	Dimension d	Dimension e	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: hot galvanized, for screwing on								
71 mm	71 mm	150 mm	143 mm	114 mm	1	Piece	1,100	**211738**
91 mm	91 mm	150 mm	163 mm	134 mm	1	Piece	1,430	**211745**

Post support
for square timber posts

number of holes: 4
Hole: Ø11 mm

Accessory note: Suitable fixing material can be ordered separately.

Dimension a	Dimension b	Dimension c	Dimension d	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: hot galvanized, to set in concrete							
71 mm	71 mm	150 mm	350 mm	1	Piece	1,190	**211851**
91 mm	91 mm	150 mm	350 mm	1	Piece	1,510	**211868**

POST SUPPORTS

Bolt down post support
for round timber posts

number of holes: 8
Hole: Ø11 mm

Assembly note: Suitable for timber construction and wooden fences as per the standard value table.

Accessory note: Suitable fixing material can be ordered separately.

Dimension a	Dimension b	Dimension c	Dimension d	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: hot galvanized, for screwing on							
Ø81 mm	150 mm	150 mm	150 mm	1	Piece	0,960	**211653**
Ø101 mm	150 mm	150 mm	150 mm	1	Piece	1,100	**211707**
Ø121 mm	147 mm	180 mm	180 mm	1	Piece	1,000	**211806**
Ø141 mm	147 mm	200 mm	200 mm	1	Piece	1,100	**211776**

Post support
for plastic posts

support of post: 45 x 45 x 400 mm
material thickness of plate: 5 mm
Hole: Ø13 mm

Dimension a	Dimension b	Dimension c	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: hot galvanized, for screwing on						
130 mm	400 mm	45 mm	1	Piece	1,800	**250102**

Assembly aid
for post supports and ground sleeves

- For a fence in a straight line use the cord
- We recommend a level with angle to align the posts
- carpenter‘s pencil

Set parts: One set consists of an angle water level, adjustable by 270°, three levels, four magnets, one adjustable rubber band for catching, one 20 m cord Ø 1.0 mm thick, and one carpenter‘s pencil

PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: plastic, colour: grey, packed in polybag with blister card			
5	Piece	0,185	**212087**

POST SUPPORTS

Drill set

for post supports with blind wood attachment

for fixing posts to post supports for blind timber fasteners no. 208028 and no. 208042

Set parts: One set consists of drills, drilling templates, and screws.

PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Guide material: steel, surface: yellow galvanized			
1	Piece	0,230	**208042**

FENCE POST SPIKES AND GROUND SCREWS

Fence post spike
for square timber posts

number of holes: 4
Hole: Ø11 mm

Assembly note: Suitable for timber construction and wooden fences as per the standard value table.

Accessory note: Suitable fixing material can be ordered separately.

Dimension a	Dimension b	Dimension c	Dimension d	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: hot galvanized, for driving in							
46 mm	46 mm	150 mm	600 mm	1	Piece	1,350	**208080**
61 mm	61 mm	150 mm	750 mm	1	Piece	1,883	**208288**
71 mm	71 mm	150 mm	750 mm	1	Piece	1,529	**211271**
71 mm	71 mm	150 mm	900 mm	1	Piece	1,740	**211295**
91 mm	91 mm	150 mm	750 mm	1	Piece	1,830	**211288**
91 mm	91 mm	150 mm	900 mm	1	Piece	2,070	**211301**
101 mm	101 mm	150 mm	900 mm	1	Piece	2,830	**211318**

Fence post spike
for square timber posts

patent protected
with adjustable support for later adjustment of the timber post
number of holes: 4
Hole: Ø11 mm

Assembly note: Suitable for timber construction and wooden fences as per the standard value table.

Accessory note: Suitable fixing material can be ordered separately.

Dimension a	Dimension b	Dimension c	Dimension d	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: hot galvanized, for driving in							
71 mm	71 mm	150 mm	750 mm	1	Piece	2,600	**208103**
71 mm	71 mm	150 mm	900 mm	1	Piece	3,090	**208127**
91 mm	91 mm	150 mm	750 mm	1	Piece	3,110	**208110**
91 mm	91 mm	150 mm	900 mm	1	Piece	3,400	**208134**

Fence post spike
for round timber posts

number of holes: 4
Hole: Ø11 mm

Assembly note: Suitable for timber construction and wooden fences as per the standard value table.

Accessory note: Suitable fixing material can be ordered separately.

Dimension a	Dimension b	Dimension c	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: hot galvanized, for driving in						
Ø81 mm	150 mm	600 mm	1	Piece	1,600	**211387**
Ø101 mm	150 mm	600 mm	1	Piece	2,020	**211394**
Ø121 mm	145 mm	750 mm	1	Piece	2,300	**211462**
Ø141 mm	145 mm	750 mm	1	Piece	2,500	**211455**

FENCE POST SPIKES AND GROUND SCREWS

Ground screw
for square timber posts

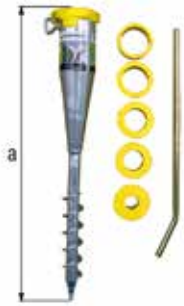
number of holes: 1 / 8
Hole: Ø18 / 11 mm

Assembly note: Suitable for timber construction and wooden fences as per the standard value table.
For the installation we recommend the drive-in tool n° 208394.

Accessory note: Suitable fixing material can be ordered separately.

Dimension a	Dimension b	Dimension c	Dimension d	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: hot galvanized, for screwing in							
71 mm	71 mm	150 mm	650 mm	1	Piece	2,050	**208370**
91 mm	91 mm	150 mm	650 mm	1	Piece	2,250	**208387**

Ground screw
for tubes with 25 to 65 mm Ø



Accessory note: Drive-in tool, 440mm included.

Dimension a	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: hot galvanized				
560 mm	8	Piece	1,285	**610630**
560 mm	100	Piece	1,285	**610647**

Drive in tool
for fence post spikes 70 x 70 mm and 80 mm Ø

Dimension a	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: plastic, impact proof				
195 mm	1	Piece	0,530	**211233**

Drive in tool
for fence post spikes 90 x 90 mm, 100 x 100 mm and 100 mm Ø

Dimension a	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: plastic, impact proof				
170 mm	1	Piece	0,620	**211240**

FENCE POST SPIKES AND GROUND SCREWS

Screw in tool
for all ground screws

Dimension a	Dimension b	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: yellow galvanized					
950 mm	Ø15 mm	1	Piece	1,420	**208394**

Assembly aid
for post supports and ground sleeves

- For a fence in a straight line use the cord
- We recommend a level with angle to align the posts
- carpenter‘s pencil

Set parts: One set consists of an angle water level, adjustable by 270°, three levels, four magnets, one adjustable rubber band for catching, one 20 m cord Ø 1.0 mm thick, and one carpenter‘s pencil

PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: plastic, colour: grey, packed in polybag with blister card			
5	Piece	0,185	**212087**

NOTES

POST CAPS

Well protected

Advantages

- Decorative and functional wood protection from above
- In the most popular quantities
- Simple fastening

Decorative wood protection from above.

Another way to protect the wood from the influence of weather, especially the sensitive cap piece of the wooden posts, is by using post caps.

Post caps are used not only for protection but let the entire wooden structure appear more high-grade and responsive. Our post caps have a large projecting collar which can also be used in posts that are handled, chamfered or rounded off on top.

The caps are fastened laterally with two screws.
Post caps are delivered in the following designs:

- Hot-dip galvanised
- Stainless steel
- Copper
- Aluminium

All hot-dip galvanised post caps can be painted after a specific weathering time in all the desired colours.

We have caps for the most popular 70 x 70 mm, 90 x 90 mm, 100 x 100 mm and 120 x 120 mm wooden posts for gates. Moreover, they are available for round posts with a diameter of 80 and 100 mm.

Use stainless steel bolts when installing the caps!

Stahl

CAPS FOR TIMBER POST

Post cap
for wooden post
flat shaped

- Protects wood from climatic influence.
- Can also be used for bevelled posts.

Assembly note: Secure attachment due to side screw connections.

	Dimension a	Dimension b	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
	Material: steel, surface: hot galvanized					
	70 mm	70 mm	10	Piece	0,092	**205805**
	90 mm	90 mm	10	Piece	0,131	**205843**
	100 mm	100 mm	10	Piece	0,240	**216689**
	120 mm	120 mm	10	Piece	0,310	**205881**
	Ø80 mm	-	10	Piece	0,140	**205928**
	Ø100 mm	-	10	Piece	0,190	**205966**
	Material: copper, surface: zapon (varnish rusting through protection)					
	70 mm	70 mm	10	Piece	0,072	**217280**
	90 mm	90 mm	10	Piece	0,106	**217297**
	Material: stainless steel					
VA	70 mm	70 mm	10	Piece	0,061	**327064**
VA	90 mm	90 mm	10	Piece	0,091	**327071**

Post cap
for wooden post
with ball top

- Protects wood from climatic influence.
- Can also be used for bevelled posts.

Assembly note: Secure attachment due to side screw connections.

	Dimension a	Dimension b	Dimension c	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
	Material: steel, surface: hot galvanized						
	70 mm	70 mm	Ø60 mm	6	Piece	0,175	**205829**
	90 mm	90 mm	Ø80 mm	6	Piece	0,350	**205867**
	100 mm	100 mm	Ø80 mm	6	Piece	0,550	**216696**
	120 mm	120 mm	Ø80 mm	6	Piece	0,630	**205904**
	Material: steel, surface: hot galvanized, white plastic coated						
	90 mm	90 mm	Ø80 mm	6	Piece	0,517	**205874**
	120 mm	120 mm	Ø80 mm	6	Piece	0,625	**205911**
	Material: copper, surface: zapon (varnish rusting through protection)						
	70 mm	70 mm	Ø60 mm	6	Piece	0,136	**217303**
	90 mm	90 mm	Ø80 mm	6	Piece	0,223	**217310**
	Material: stainless steel						
VA	70 mm	70 mm	Ø60 mm	6	Piece	0,121	**327088**
VA	90 mm	90 mm	Ø80 mm	6	Piece	0,201	**327095**

CAPS FOR TIMBER POST

Post cap
for wooden post
high shape

- Protects wood from climatic influence.
- Can also be used for bevelled posts.

Assembly note: Secure attachment due to side screw connections.

Dimension a	Dimension b	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: aluminium cast, surface: blank					
70 mm	70 mm	10	Piece	0,140	**217228**
90 mm	90 mm	10	Piece	0,190	**217235**
111 mm	111 mm	10	Piece	0,245	**217396**
120 mm	120 mm	10	Piece	0,310	**217242**
Material: aluminium cast, surface: anthracite powder coated					
70 mm	70 mm	5	Piece	0,130	**217082**
90 mm	90 mm	5	Piece	0,210	**217099**
Material: aluminium cast, surface: white powder coated					
70 mm	70 mm	6	Piece	0,140	**217259**
90 mm	90 mm	6	Piece	0,190	**217266**
111 mm	111 mm	6	Piece	0,245	**217402**
120 mm	120 mm	6	Piece	0,310	**217273**

Post cap
for round timber wooden posts

- Protects wood from climatic influence.

Assembly note: with welded on nail

Dimension a	Dimension b	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...	
Material: stainless steel						
70 mm	70 mm	6	Piece	0,120	**205621**	VA
90 mm	90 mm	6	Piece	0,160	**205638**	VA

WINDOW SHUTTER FITTINGS

Stability, safety, protection

Advantages

- Core range with fast-moving items

Assembly

Window shutters are set up using stable hinges. Angle brackets or angled hinges should be used to support the corner joints.
The side length of the brackets should not fall short of the size of 180 x 180 mm.

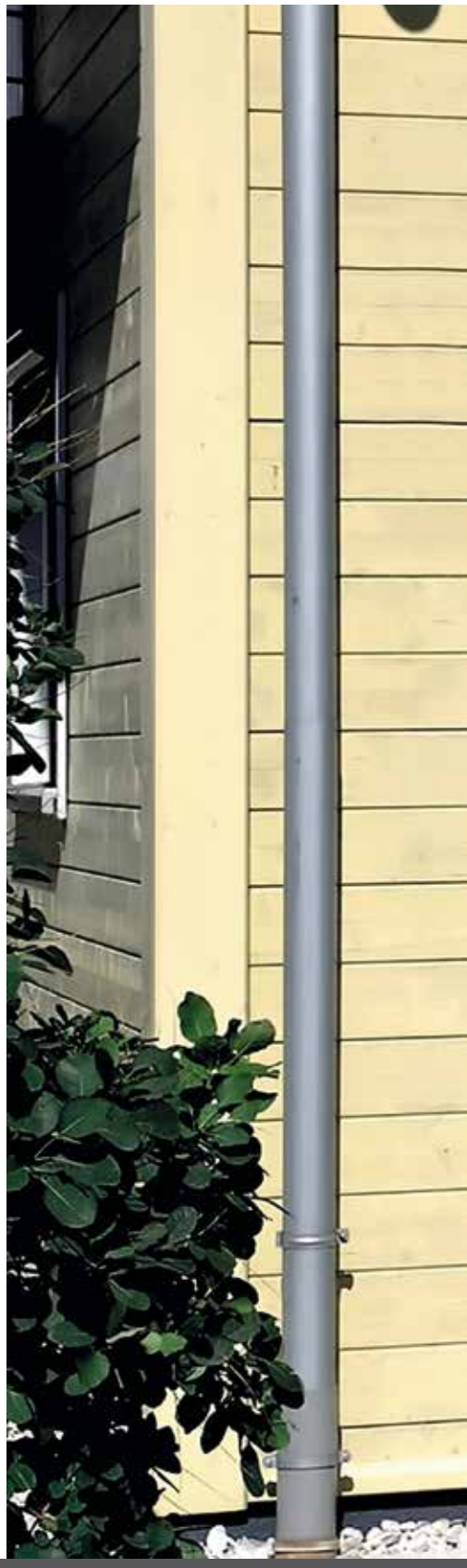
Double shutters should also be reinforced with flat corner plates since they always subside because of their single-sided loading.
Mount shutters above a height of 1.8 m using 3 hinges.
Locks should be mounted in the middle.

We recommend that you lubricate the connection between hook and hate hinge.

Protection from weather

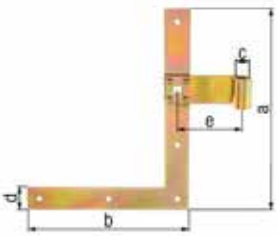
Before screwing on the fittings, treat the window shutters with primer coats. Yellow chromated fittings must receive surface treatment sooner or later depending on the peculiarities.

Window shutters should be locked into place when closed or open to prevent wind damage.



Stahl

WINDOW SHUTTER FITTINGS



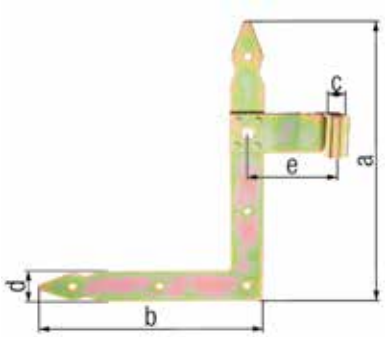
Window shutter corner hinge

straight, straight end

Please note that the same quantity of corner hinges for the top and bottom must be ordered.
If delivered pair wise, the packaging unit contains five articles for top and five for bottom, which correspond to ten pieces per sales unit.
Material of roll: 35 x 4 mm
material thickness: 3 mm
number of holes: 5 / 1
Hole: Ø5,5 / 9 x 9 mm

Accessory note: Suitable fixing material can be ordered separately.

Item description	Dimension a	Dimension b	Dimension c	Dimension d	Dimension e	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: yellow galvanized									
top	250 mm	200 mm	Ø13 mm	30 mm	75 mm	5	Piece	0,440	**313326**
bottom	250 mm	200 mm	Ø13 mm	30 mm	75 mm	5	Piece	0,440	**313319**
one pair	250 mm	200 mm	Ø13 mm	30 mm	75 mm	10	Piece	0,440	**313296**
one pair	250 mm	350 mm	Ø13 mm	30 mm	75 mm	10	Piece	0,550	**313395**



Window shutter corner hinge

straight, with decorative final

Material of roll: 35 x 4 mm
material thickness: 3 mm
number of holes: 5 / 1
Hole: Ø5,5 / 9 x 9 mm

Accessory note: Suitable fixing material can be ordered separately.

Item description	Dimension a	Dimension b	Dimension c	Dimension d	Dimension e	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: yellow galvanized									
one pair	250 mm	200 mm	Ø13 mm	30 mm	75 mm	2	Piece	0,429	**313449**

Window shutter middle hinge

straight, straight end

Material of roll: 35 x 4 mm
material thickness: 3 mm
number of holes: 2 / 1
Hole: Ø5,5 / 9 x 9 mm

Accessory note: Suitable fixing material can be ordered separately.

Dimension a	Dimension b	Dimension c	Dimension d	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: yellow galvanized							
200 mm	30 mm	Ø13 mm	75 mm	5	Piece	0,300	**313548**
Material: stainless steel							
VA 200 mm	30 mm	Ø13 mm	75 mm	6	Piece	0,305	**326135**

WINDOW SHUTTER FITTINGS

Window shutter middle hinge

straight, with decorative final

Material of roll: 35 x 4 mm
material thickness: 3 mm
number of holes: 2 / 1
Hole: Ø5,5 / 9 x 9 mm

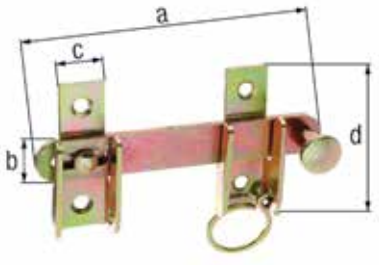
Accessory note: Suitable fixing material can be ordered separately.

Dimension a	Dimension b	Dimension c	Dimension d	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: yellow galvanized							
200 mm	30 mm	Ø13 mm	75 mm	1	Piece	0,275	**313593**

Shutter hasp

with locking device

with countersunk screw holes
with ring for easy closure of window shutter
number of holes: 4
Hole: Ø6 mm



Dimension a	Dimension b	Dimension c	Dimension d	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: yellow galvanized							
120 mm	18 mm	18 mm	65 mm	20	Piece	0,160	**314446**

Window shutter stopper

with mounting plate

suitable for window shutter until 35 mm
Thread: Ø6 x 21 mm
number of holes: 8
Hole: Ø5 mm

Dimension a	Dimension b	Dimension c	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: zinc phosphated, black powder coated						
150 mm	48 mm	37 mm	10	Piece	0,148	**307097**

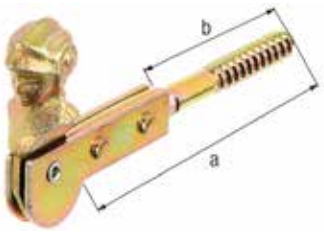
Window shutter stopper

Type Marseillais

with wood thread
with adjustable stop
Wood-screw thread: Ø10 x 50 mm

Dimension a	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: plastic, colour: black, for screwing in				
25 - 70 mm	10	Piece	0,142	**308124**
Material: plastic, colour: white, for screwing in				
25 - 70 mm	10	Piece	0,142	**307981**

WINDOW SHUTTER FITTINGS



Window shutter stopper
with decorative ornament

without stop
with wood thread
Wood-screw thread: Ø9 x 60 mm

Accessory note: suitable stop: item n° 317508

Dimension a	Dimension b	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: yellow galvanized, for screwing in					
129 mm	77 mm	10	Piece	0,190	**314699**
174 mm	123 mm	10	Piece	0,200	**317201**
209 mm	158 mm	10	Piece	0,240	**317256**

Window shutter stopper
with decorative ornament

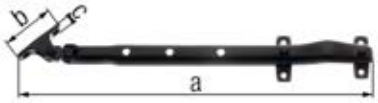
with stop
with wood thread
Wood-screw thread: Ø9 x 60 mm

Dimension a	Dimension b	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: yellow galvanized, for screwing in					
35 mm	115 mm	10	Piece	0,200	**314743**

Window shutter stopper
with decorative ornament

number of holes: 4
Hole: Ø5 mm

Dimension a	Dimension b	Dimension c	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: yellow galvanized, for screwing on						
35 mm	47 mm	42 mm	10	Piece	0,162	**314842**
45 mm	47 mm	42 mm	10	Piece	0,165	**317300**



Window stopper
for skylight window or pivot window

with two locking pins
number of holes: 4
Hole: Ø4,5 mm

Assembly note: Allows the window to be caught at six different angles and prevents the window from slamming shut.

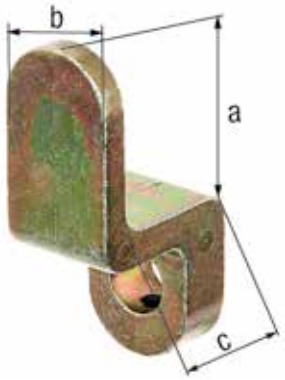
Dimension a	Dimension b	Dimension c	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: black powder coated						
285 mm	41 mm	15 mm	10	Piece	0,113	**210557**

WINDOW SHUTTER FITTINGS

Stop for window shutter stopper

number of holes: 1
Hole: Ø10 mm

Assembly note: The stop is fixed with the grub screw on the window shutter stopper.

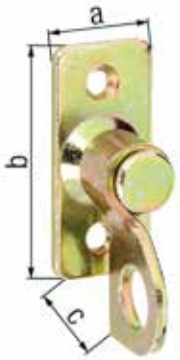


Dimension a	Dimension b	Dimension c	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: yellow galvanized						
29 mm	20 mm	29 mm	20	Piece	0,058	**317508**

Latch fastener

on plate

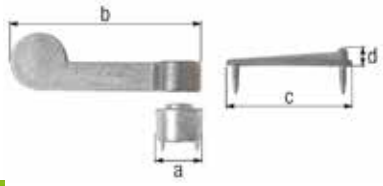
number of holes: 2
Hole: Ø4,5 mm



Dimension a	Dimension b	Dimension c	PU	Sales unit	Pieces per sale unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: yellow galvanized							
20 mm	45 mm	4,5 mm	20	Piece	-	0,042	**136000**
20 mm	45 mm	4,5 mm	5	Blister	1 pc.	0,071	**903602**

Latch fastener

with strike sheet and spacer



Dimension a	Dimension b	Dimension c	Dimension d	PU	Sales unit	Pieces per sale unit	Weight per UQ (kg)	Order no. 4004338...
Material: zinc die-casting								
Ø10 mm	60 mm	40,3 mm	5 mm	10	Blister	2 pc.	0,073	**903664**

Fixing plate

for the fixation of window shutters on the wall

Length: 75 mm
Width: 32 mm

Assembly note: With fixing plate and flat head screws the folding shutters can be fixed on the house wall.

PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: stainless steel			
50	Piece	0,028	**316907**

RANGE OF SCREWS

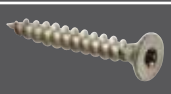
For the right lathe

Advantages

- High-quality professional screws
- Additional corrosion protection through special coating methods

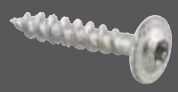
Adapted precision

The GAH-Alberts range of screws is especially adapted to the GAH-Alberts product range and offers the right screw for every application.

Screws for fittings	Designation	Dimension	Surface	for application (example)
	Maxi-Fix 30 Maxi-Fix 50	Ø 6 x 30 mm Ø 6 x 50 mm	Galvanically zinc-plated, yellow chromated, stainless steel V2A	For gate hinges, T-hinges and strap hinges
	Multi-Fix	Sleeve nut H M8 x 25 mm Screw S M8 x 30 mm	galvanically zinc-plated, yellow chromated, stainless steel V2A	For gate hinges, T-hinges and strap hinges with □–9 x 9 mm perforation and for frame thickness, including fitting of 27–45 mm
	Medi-Fix	Ø 5 x 25 mm	galvanically zinc-plated, yellow chromated, stainless steel V2A	For fittings with fastening holes with a diameter of 5.0 – 8.0 mm
	Mini-Fix	Ø 3,5 x 25 mm	galvanically zinc-plated, yellow chromated, stainless steel V2A	For fittings with fastening holes with a diameter of 3.5 – 5.0 mm among others, for post caps

For all intents and purposes:
in Medi-Fix and Mini-Fix screws the appropriate bits are enclosed!

Stahl

Screws for post supports and ground sleeves	Designation	Dimension	Surface	for application (example)
	Speed 40	Ø 4 x 40 mm	Ruspert silver *	„For 70 x 70 mm posts and posts with a diameter of 81 mm – Post support, impact, screwed-in and screwed-on ground sleeves“
	Speed 50	Ø 7 x 50 mm	Ruspert silver *	For posts ≥ 90 x 90 mm and pillar with a diameter of 101 mm – Post support, impact, screwed-in and screwed-on ground sleeves
	D-Fix 90	M 10 x 90 mm	galvanically zinc-plated, blue chromated, Top coat **	For 70 x 70 mm posts – H anchors and U post plates
	D-Fix 110	M 10 x 110 mm		For 90 x 90 mm posts – H anchors and U post plates

Accessories for screws	Designation	Dimension	Application
	Bit TX 30	TX 30	Toax Bit matching the screws Maxi-Fix 30, Maxi-Fix 50, Multi-Fix, Speed 40 and Speed 50

SCREWS AND ACCESSORIES

Lentil head screw
with nut
DIN 964

	Length	Diameter	PU	Sales unit	Pieces per sale unit	Weight per UQ (kg)	Order no. 4004338...
Material: stainless steel, V4A							
V4A	20 mm	6 mm	10	Packing	4 pc.	0,031	**724580**
V4A	40 mm	6 mm	10	Packing	4 pc.	0,046	**724702**
V4A	60 mm	6 mm	10	Packing	4 pc.	0,060	**724719**

Lentil head screw
DIN 7981

	Diameter	Length	PU	Sales unit	Pieces per sale unit	Weight per UQ (kg)	Order no. 4004338...
Material: stainless steel, V4A							
V4A	3,5 mm	13 mm	10	Packing	15 pc.	0,019	**724603**
V4A	4,2 mm	16 mm	10	Packing	12 pc.	0,027	**724610**
V4A	4,8 mm	19 mm	10	Packing	10 pc.	0,033	**724634**

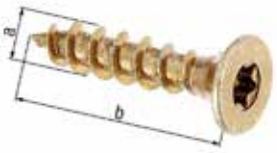
Washer discs
DIN 9021

	Inside dimension	PU	Sales unit	Pieces per sale unit	Weight per UQ (kg)	Order no. 4004338...
Material: stainless steel, V4A						
V4A	5,3 mm	10	Packing	20 pc.	0,030	**724641**
V4A	6,4 mm	10	Packing	20 pc.	0,055	**724658**

Wood screw
Mini-Fix

suitable for caps for timber posts, fence brackets, and other fittings with Ø3,6 - 5 mm fixing holes
counter sunk with round drive
alternatively with bit n° 10

	Item description	Dimension a	Dimension b	PU	Sales unit	Pieces per sale unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: yellow galvanized, in hanging box								
	without Bit	Ø3,5 mm	25 mm	4	Packing	16 pc.	0,025	**338770**
	with Bit	Ø3,5 mm	25 mm	4	Packing	16 pc.	0,030	**338367**
Material: stainless steel, in hanging box								
VA	without Bit	Ø3,5 mm	25 mm	4	Packing	16 pc.	0,032	**338787**
VA	with Bit	Ø3,5 mm	25 mm	4	Packing	16 pc.	0,030	**338374**



Wood screw
Medi-Fix

suitable for fittings with Ø5,1 - 7 mm fixing holes
counter sunk with round drive
alternatively with bit n° 25

	Item description	Dimension a	Dimension b	PU	Sales unit	Pieces per sale unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: yellow galvanized, in hanging box								
	without Bit	Ø5 mm	25 mm	4	Packing	16 pc.	0,055	**338756**
	with Bit	Ø5 mm	25 mm	4	Packing	16 pc.	0,045	**338336**
Material: stainless steel, in hanging box								
VA	without Bit	Ø5 mm	25 mm	4	Packing	16 pc.	0,055	**338763**
VA	with Bit	Ø5 mm	25 mm	4	Packing	16 pc.	0,045	**338343**

SCREWS AND ACCESSORIES

Wood screw

Maxi-Fix

suitable for band hooks, hooks, Tee hinges and strap hinges, middle and corner hinges
truss head with round drive size 30

Dimension a	Dimension b	PU	Sales unit	Pieces per sale unit	Weight per UQ (kg)	Order no. 4004338...	
Material: steel, surface: yellow galvanized, in hanging box							
Ø6 mm	30 mm	4	Packing	4 pc.	0,025	**338275**	
Ø6 mm	50 mm	4	Packing	4 pc.	0,035	**338299**	
Material: stainless steel, in hanging box							
Ø6 mm	30 mm	4	Packing	4 pc.	0,025	**338282**	VA
Ø6 mm	50 mm	4	Packing	4 pc.	0,035	**338305**	VA

Wood screw

Speed

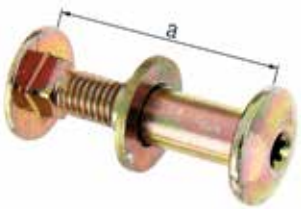
Suitable for post supports, fence post spikes and ground screws
with round drive size 30

Dimension a	Dimension b	PU	Sales unit	Pieces per sale unit	Weight per UQ (kg)	Order no. 4004338...	
Material: steel, surface: Ruspert silver, in blister							
Ø7 mm	40 mm	4	Packing	4 pc.	0,040	**338220**	
Ø7 mm	50 mm	4	Packing	4 pc.	0,045	**338237**	
Material: steel, surface: Ruspert silver, bulk pack							
Ø7 mm	40 mm	3	Package	50 pc.	0,600	**338381**	GP
Ø7 mm	50 mm	3	Package	50 pc.	0,688	**338398**	GP
Ø7 mm	40 mm	3	Package	100 pc.	1,200	**338411**	GP
Ø7 mm	50 mm	3	Package	100 pc.	1,375	**338428**	GP

Round-head screw

Multi-Fix
with sleeve nut

for frame thicknesses including fitting of 27 - 45 mm (band hooks, tee hinges and strap hinges, middle and corner hinges)
Round-head screw with square lug
truss head with round drive according to DIN 603 with thread
with round drive size 30
Disc according to DIN 125
Square lug: 8,5 x 8,5 mm Suitable for 9 x 9 mm square holes
Sleeve nut: M8 x 25 mm Suitable for 9 x 9 mm square holes
Disc: Ø10,5 x 20 mm Suitable for 9 x 9 mm square holes



Dimension a	Screw	PU	Sales unit	Pieces per sale unit	Weight per UQ (kg)	Order no. 4004338...	
Material: steel, surface: yellow galvanized, in hanging box							
50 mm	M8 x 30 mm	4	Packing	2 pc.	0,075	**338312**	
Material: stainless steel, in hanging box							
50 mm	M8 x 30 mm	4	Packing	2 pc.	0,075	**338329**	VA

Bit for screws, round

suitable for screws Speed, Multi-Fix and Maxi-Fix

PU	Sales unit	Pieces per sale unit	Weight per UQ (kg)	Order no. 4004338...	
Material: steel, surface: grey, hardened, in box					
4	Packing	2 pc.	0,015	**338244**	

SCREWS AND ACCESSORIES

Spacer sleeve

for Ø5 - 8 mm screws
packed in box

Dimension a	Dimension b	Dimension c	PU	Sales unit	Pieces per sale unit	Weight per UQ (kg)	Order no. 4004338...
Material: plastic (Polysterol), colour: black							
Ø20 mm	5 mm	Ø8,5 mm	4	Packing	20 pc.	0,061	**338664**
Ø20 mm	10 mm	Ø8,5 mm	4	Packing	15 pc.	0,075	**338688**
Ø20 mm	je 5 Stück 5 / 10 / 20 / 30 mm	Ø8,5 mm	4	Packing	5 pc.	0,120	**338725**
Material: plastic (Polysterol), colour: white							
Ø20 mm	5 mm	Ø8,5 mm	4	Packing	20 pc.	0,061	**338657**
Ø20 mm	10 mm	Ø8,5 mm	4	Packing	15 pc.	0,077	**338671**
Ø20 mm	20 mm	Ø8,5 mm	4	Packing	10 pc.	0,090	**338695**
Ø20 mm	je 5 Stück 5 / 10 / 20 / 30 mm	Ø8,5 mm	4	Packing	5 pc.	0,120	**338718**

NOTES

METAL GATE/METAL CONSTRUCTION FITTINGS

Resistance to the fair price

Advantages

- Core range with fast-moving items

Front plate
The front plate is the front sheet metal that guides the latch and the bolt.

Latch
The latch is used to close the gate or the door. It is activated through the door handle. The latch closes in the locking plate or in the limit stop.

Bolt
The bolt is used for interlocking the gate or the door and is activated by turning the key.

Bolt recess
The bolt recess is the length by which the bolt extends when the key is turned by one revolution.

Single-turn or double-turn
Single-turn lock: The bolt is already completely extended after one revolution of the key.

Double-turn lock: The bolt is completely extended only after two revolutions of the key. Moreover, they have a larger bolt recess.

Changeover
The changeover is used to activate the latch by turning the key. Installation sites are house doors which have on the exterior no latch but only a fixed handle (knob).

Nut
The square end of the door handle is conducted in the nut. The handle‘s square end is standardized. The square end‘s size for room doors is usually 8 mm and 10 mm for house and building doors.

Door handle guides
Door handle guides lead the door handle in the lock case or in the tube frame.

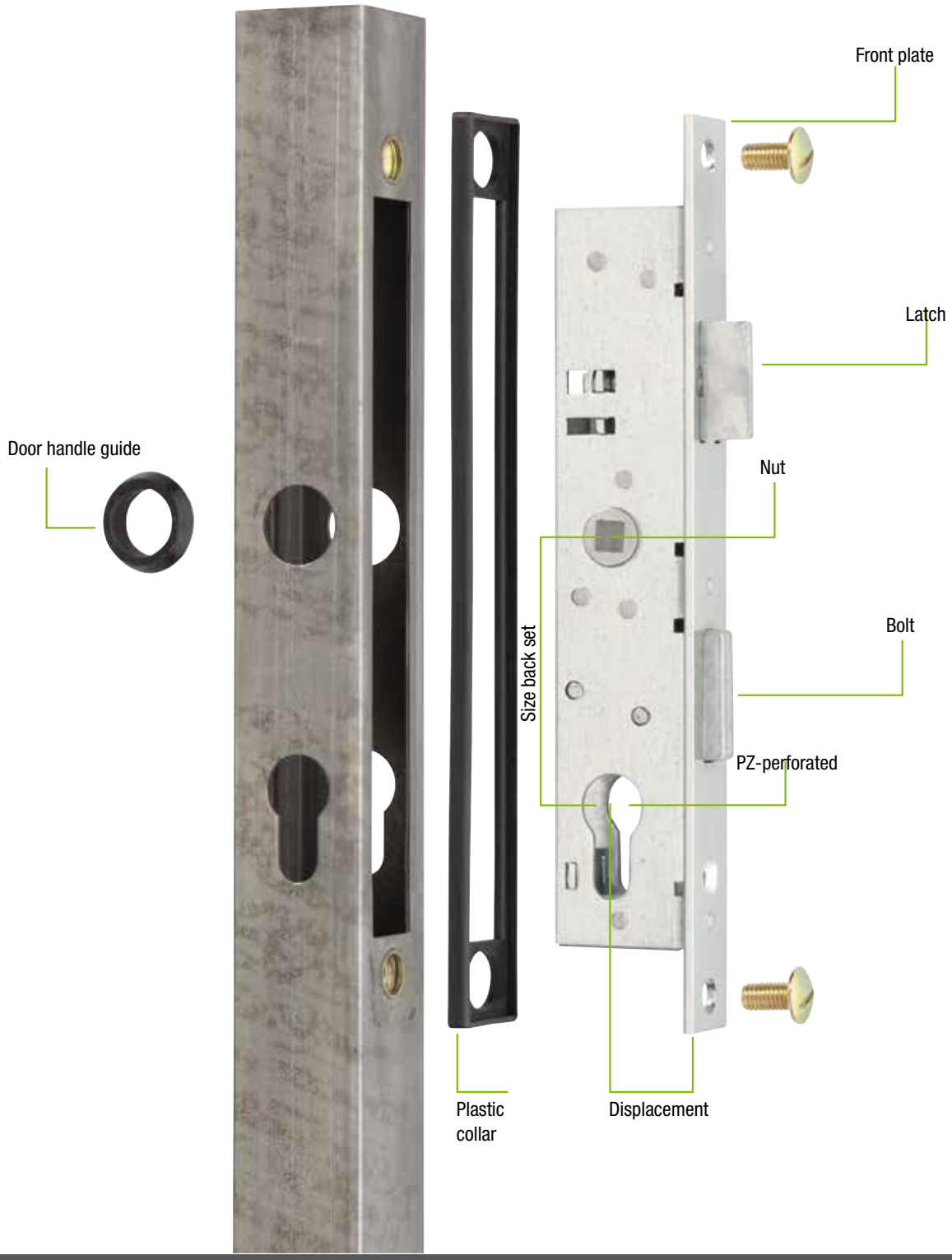
Displacement/distance
The between the center point of the door handle (nut) and center point of the PZ hole is understood to be the displacement/distance.

The displacement in room doors is usually 72 mm and 92 mm in safety or house entrance doors.

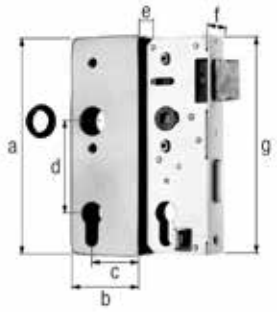
Size back set
The distance between the center point of the door handle (nut) to the outer edge of the front plate is called the size back set.

PZ-perforated
The lock is prepared to take in a shaped cylinder.

Stahl


Front plate
Latch
Door handle guide
Nut
Size back set
Bolt
PZ-perforated
Plastic collar
Displacement

METAL GATE FITTINGS



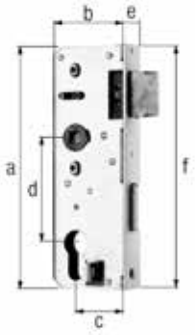
Lock case with galvanized lock

Back set 40 mm

applicable DIN left and right
perforation PC
with latch lever
1-level
with two plastic guides for 18 mm lug
Protruding lock latch: 5 mm
Nut: 8 x 8 mm

Assembly note: Reversible narrow lock case (DIN left/DIN right) Just place a screw driver in the notch of the latch head. Then press the latch forward and turn 180°.

Dimension a	Dimension b	Dimension c	Dimension d	Dimension e	Dimension f	Dimension g	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material of the box: steel, galvanized lock										
170 mm	60 mm	40 mm	72 mm	30 mm	24 mm	166 mm	1	Piece	1,040	**413354**

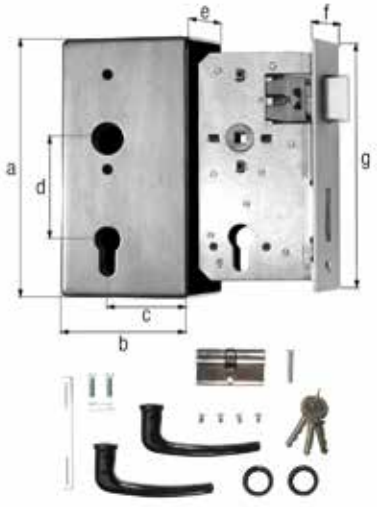


Replacement lock

Back set 40 mm

suitable for lock cases no. 413354
for lock casing: 30 mm

Dimension a	Dimension b	Dimension c	Dimension d	Dimension e	Dimension f	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: galvanized									
166 mm	54 mm	40 mm	72 mm	24 mm	166 mm	1	Piece	0,650	**413378**



Lock case with galvanized lock

Back set 55 mm

applicable DIN left and right

Assembly note: Reversible narrow lock case (DIN left/DIN right) Just place a screw driver in the notch of the latch head. Then press the latch forward and turn 180°.

Set parts: One set consists of one door handle, profile cylinder 60 mm with three keys, two door handle guides of black plastic and four screws in stainless steel.

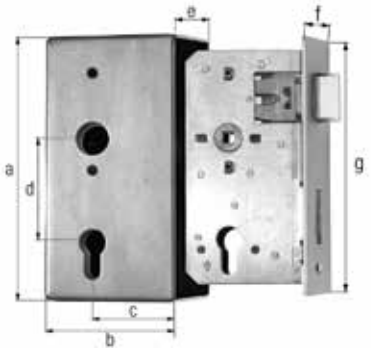
Dimension a	Dimension b	Dimension c	Dimension d	Dimension e	Dimension f	Dimension g	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material of the box: steel, galvanized lock										
185 mm	90 mm	55 mm	72 mm	40 mm	33 mm	180,8 mm	1	Piece	1,818	**418700**

METAL GATE FITTINGS

Lock case with galvanized lock

Back set 55 mm

applicable DIN left and right
perforation PC
with latch lever
1-level
with two plastic guides for 18 mm lug
Protruding lock latch: 5 mm
Nut: 8 x 8 mm



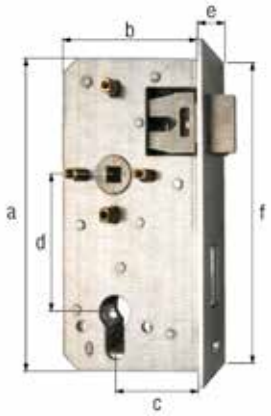
Assembly note: Reversible narrow lock case (DIN left/DIN right) Just place a screw driver in the notch of the latch head. Then press the latch forward and turn 180°.

Dimension a	Dimension b	Dimension c	Dimension d	Dimension e	Dimension f	Dimension g	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material of the box: steel, galvanized lock										
185 mm	90 mm	55 mm	72 mm	30 mm	24,0 mm	180 mm	1	Piece	1,500	**413408**
185 mm	90 mm	55 mm	72 mm	34 mm	28,5 mm	180 mm	1	Piece	1,550	**413415**
185 mm	90 mm	55 mm	72 mm	40 mm	33,0 mm	180 mm	1	Piece	1,650	**413422**

Replacement lock

Back set 55 mm

suitable for lock cases n° 413408, 413415, 413422, 413453, 413460, 418700

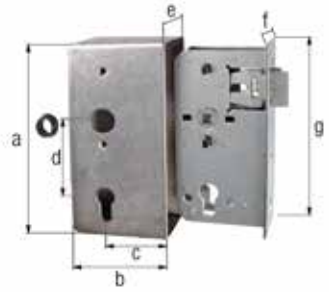


for lock casing	Dimension a	Dimension b	Dimension c	Dimension d	Dimension e	Dimension f	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: galvanized										
30 mm	167 mm	85 mm	55 mm	72 mm	24,0 mm	180 mm	1	Piece	0,730	**416102**
34 mm	167 mm	85 mm	55 mm	72 mm	28,5 mm	180 mm	1	Piece	0,750	**416119**
40 mm	167 mm	85 mm	55 mm	72 mm	33,0 mm	180 mm	1	Piece	0,780	**416126**

Lock case with galvanized lock

Back set 55 mm

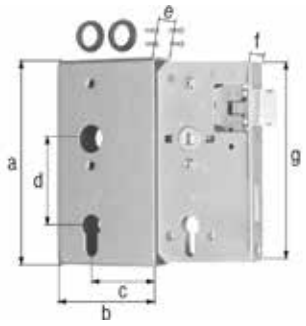
applicable DIN left and right
perforation PC
with latch lever
2-level
with two plastic guides for 18 mm lug
Nut: 8,6 x 8,6 mm



Assembly note: Reversible narrow lock case (DIN left/DIN right) Just place a screw driver in the notch of the latch head. Then press the latch forward and turn 180°.

Dimension a	Dimension b	Dimension c	Dimension d	Dimension e	Dimension f	Dimension g	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material of the box: steel, galvanized lock										
185 mm	90 mm	55 mm	72 mm	30 mm	24 mm	180 mm	1	Piece	1,510	**413453**
185 mm	90 mm	55 mm	72 mm	40 mm	33 mm	180 mm	1	Piece	1,610	**413460**

METAL GATE FITTINGS



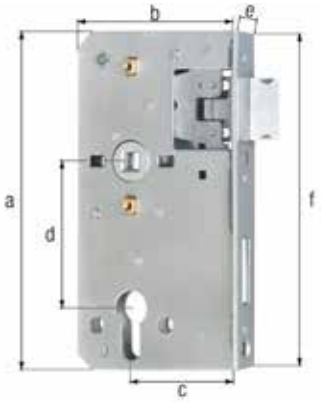
Lock case with galvanized lock

Back set 60 mm

applicable DIN left and right
perforation PC
with latch lever
2-level
with lubricating nipple
with two plastic guides for 18 mm lug
Protruding lock latch: 0 - 5 mm
Nut: 8 x 8 mm

Assembly note: Reversible narrow lock case (DIN left/DIN right) Just place a screw driver in the notch of the latch head. Then press the latch forward and turn 180°.

Dimension a	Dimension b	Dimension c	Dimension d	Dimension e	Dimension f	Dimension g	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material of the box: steel, galvanized lock										
172 mm	94 mm	60 mm	72 mm	30 mm	24,0 mm	167 mm	1	Piece	1,550	**417031**
172 mm	94 mm	60 mm	72 mm	34 mm	28,5 mm	167 mm	1	Piece	1,600	**417048**
172 mm	94 mm	60 mm	72 mm	40 mm	33,0 mm	167 mm	1	Piece	1,820	**417055**

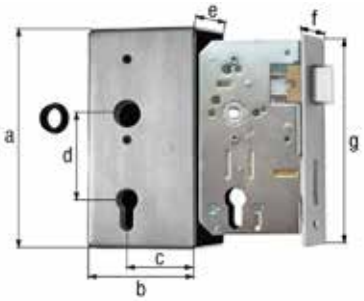


Replacement lock

Back set 60 mm

suitable for lock cases no. 417031, 417048, 417055

for lock casing	Dimension a	Dimension b	Dimension c	Dimension d	Dimension e	Dimension f	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: galvanized										
30 mm	167 mm	90 mm	60 mm	72 mm	24,0 mm	167 mm	1	Piece	0,770	**417093**
34 mm	167 mm	90 mm	60 mm	72 mm	28,5 mm	167 mm	1	Piece	0,780	**417109**
40 mm	167 mm	90 mm	60 mm	72 mm	33,0 mm	167 mm	1	Piece	0,930	**417116**



Lock case with galvanized lock

Back set 60 mm

applicable DIN left and right
perforation PC
with latch lever
2-level
with two plastic guides for 18 mm lug
Protruding lock latch: 3 mm
Nut: 8 x 8 mm

Assembly note: Reversible lock case. Just release the screw which connects the latch with the lock. Then turn the latch and screw it on again.

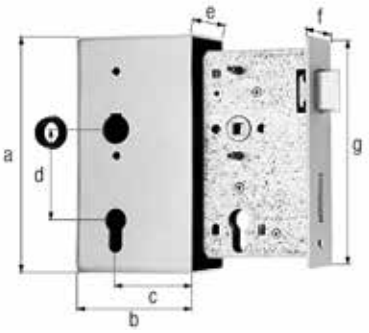
	Dimension a	Dimension b	Dimension c	Dimension d	Dimension e	Dimension f	Dimension g	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material of the box and the strike plate: stainless steel, galvanized lock											
VA	172 mm	94 mm	60 mm	72 mm	30 mm	24 mm	165 mm	1	Piece	1,550	**326173**
VA	172 mm	94 mm	60 mm	72 mm	40 mm	33 mm	165 mm	1	Piece	1,790	**326180**

METAL GATE FITTINGS

Lock case with galvanized lock

Back set 65 mm

applicable DIN left and right
perforation PC
with latch lever
1-level
with two plastic guides for 18 mm lug
Protruding lock latch: 5 mm
Nut: 8 x 8 mm



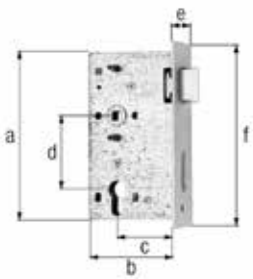
Assembly note: Reversible narrow lock case (DIN left/DIN right) Just place a screw driver in the notch of the latch head. Then press the latch forward and turn 180°.

Dimension a	Dimension b	Dimension c	Dimension d	Dimension e	Dimension f	Dimension g	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material of the box: steel, galvanized lock										
190 mm	100 mm	65 mm	72 mm	50 mm	43 mm	180,2 mm	1	Piece	2,200	**412050**
190 mm	100 mm	65 mm	72 mm	60 mm	53 mm	180,2 mm	1	Piece	2,400	**412067**

Replacement lock

Back set 65 mm

suitable for lock cases no. 412050 and no. 412067



for lock casing	Dimension a	Dimension b	Dimension c	Dimension d	Dimension e	Dimension f	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: galvanized										
50 mm	164 mm	98 mm	65 mm	72 mm	43 mm	180,2 mm	1	Piece	1,050	**412036**
60 mm	164 mm	98 mm	65 mm	72 mm	53 mm	180,2 mm	1	Piece	1,090	**412043**

Tube frame lock

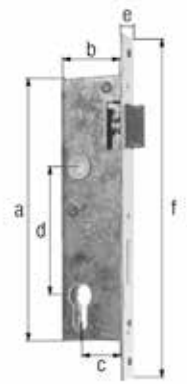
Back set 18 - 45 mm

applicable DIN left and right
perforation PC
with latch lever
1-level
foldable latch
Bolt recess: 11 mm
Nut: 8 x 8 mm

Assembly note: Reversible narrow lock case (DIN left/DIN right) Just place a screw driver in the notch of the latch head. Then press the latch forward and turn 180°.

Dimension a	Dimension b	Dimension c	Dimension d	Dimension e	Dimension f	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: galvanized									
190 mm	33 mm	18 mm	92 mm	24 mm	245 mm	1	Piece	0,461	**414672**
190 mm	35 mm	20 mm	92 mm	24 mm	245 mm	1	Piece	0,477	**414689**
190 mm	37 mm	22 mm	92 mm	24 mm	245 mm	1	Piece	0,490	**414696**
190 mm	39 mm	24 mm	92 mm	24 mm	245 mm	1	Piece	0,510	**414702**
190 mm	45 mm	30 mm	92 mm	24 mm	245 mm	1	Piece	0,560	**414719**
190 mm	50 mm	35 mm	92 mm	24 mm	245 mm	1	Piece	0,610	**414726**
190 mm	55 mm	40 mm	92 mm	24 mm	245 mm	1	Piece	0,660	**414733**
190 mm	60 mm	45 mm	92 mm	24 mm	245 mm	1	Piece	0,700	**414740**

METAL GATE FITTINGS



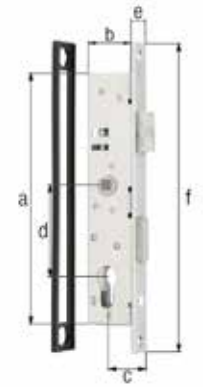
Tube frame lock

Back set 30 - 45 mm

applicable DIN left and right
perforation PC
with latch lever
1-level
with extra strong bolt
with latch locking
foldable latch
Bolt recess: 22 mm
Nut: 8 x 8 mm

Assembly note: Reversible narrow lock case (DIN left/DIN right) Just place a screw driver in the notch of the latch head. Then press the latch forward and turn 180°.

Dimension a	Dimension b	Dimension c	Dimension d	Dimension e	Dimension f	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: galvanized, Material strike plate: stainless steel									
200 mm	45 mm	30 mm	92 mm	24 mm	255 mm	1	Piece	0,710	**414757**
200 mm	50 mm	35 mm	92 mm	24 mm	255 mm	1	Piece	0,750	**414764**
200 mm	55 mm	40 mm	92 mm	24 mm	255 mm	1	Piece	0,810	**414771**
200 mm	60 mm	45 mm	92 mm	24 mm	255 mm	1	Piece	0,870	**414788**



Tube frame lock

Back set 25 mm

suitable for square tube n° 413132
applicable DIN left and right
perforation PC
with latch lever
1-level
with plastic cuff
Nut: 8 x 8 mm

Dimension a	Dimension b	Dimension c	Dimension d	Dimension e	Dimension f	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: galvanized									
197 mm	38 mm	25 mm	72 mm	24 mm	243 mm	1	Piece	0,622	**413057**

Square tubing with frame lock

Back set 25 mm

applicable DIN left and right
perforation PC
with latch lever
1-level
with two plastic guides for 18 mm lug
Protruding lock latch: 5 mm
Nut: 8 x 8 mm

Assembly note: The locks are mounted on the DIN left as a standard. The lock can be easily changed to DIN right: Push up the lever on the back side of the lock and fold over the latch.

Dimension a	Dimension b	Dimension c	Dimension d	Dimension e	Dimension f	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material of square tubing: steel, surface of lock: galvanized, to weld on									
500 mm	40 mm	72 mm	40 mm	24 mm	243 mm	1	Piece	1,370	**413132**

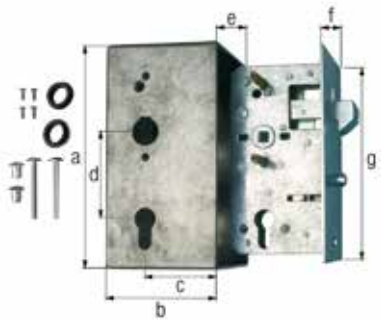
METAL GATE FITTINGS

Lock case with galvanized lock

for sliding gates

Back set 60 mm

applicable DIN left and right
perforation PC
with latch lever
with hook latch
with two plastic guides for 18 mm lug
Lock also locked with two continuous bolts
Nut: 8 x 8 mm



Dimension a	Dimension b	Dimension c	Dimension d	Dimension e	Dimension f	Dimension g	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material of the box: steel, galvanized lock										
173 mm	95 mm	60 mm	72 mm	40 mm	33 mm	167 mm	1	Piece	2,110	**413750**
190 mm	95 mm	60 mm	72 mm	60 mm	53 mm	180 mm	1	Piece	2,430	**413606**

Replacement lock

Back set 60 mm

suitable for lock cases no. 413606 and 413606.
for lock casing: 60 mm
Nut: 8 x 8 mm

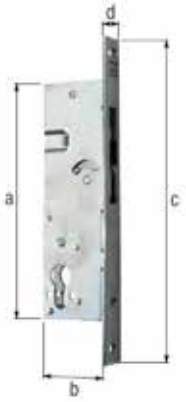
Dimension a	Dimension b	Dimension c	Dimension d	Dimension e	Dimension f	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: galvanized									
167 mm	90 mm	60 mm	72 mm	33 mm	167 mm	1	Piece	0,950	**416447**
167 mm	87 mm	60 mm	72 mm	53 mm	180 mm	1	Piece	1,090	**416430**

Deadbolt lock

for sliding gates

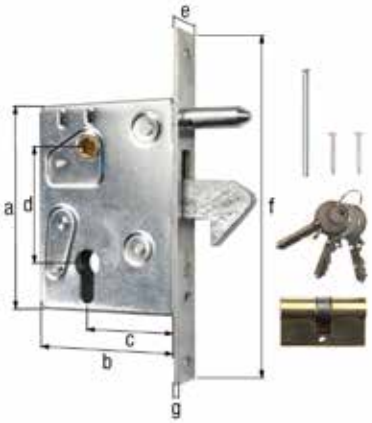
Back set 30 - 40 mm

foldable latch
with hook latch
perforation PC



Size back set	Dimension a	Dimension b	Dimension c	Dimension d	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Latch material: steel, surface: galvanized, without guide								
30 mm	180 mm	42 mm	245 mm	24 mm	1	Piece	0,602	**411930**
35 mm	180 mm	47 mm	245 mm	24 mm	1	Piece	0,646	**411923**
40 mm	180 mm	52 mm	245 mm	24 mm	1	Piece	0,696	**411909**

METAL GATE FITTINGS



Deadbolt lock

for sliding gates
Back set 64 mm

Nut: 8 x 8 mm
Back set: Ø13 mm

Assembly note: The lock is fixed through the gate frame.

Accessory note: Profile cylinder, three keys and fixation screws are included.

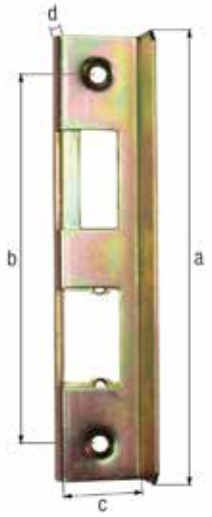
Dimension a	Dimension b	Dimension c	Dimension d	Dimension e	Dimension f	Dimension g	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: galvanized										
130 mm	100 mm	64 mm	72 mm	25 mm	210 mm	4 mm	1	Piece	1,260	**419004**

Lock case

for sliding gates
Back set 64 mm

suitable for deadbolt lock no. 419004

for frame thickness of	Dimension a	Dimension b	Dimension c	Dimension d	Dimension e	Dimension f	Dimension g	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: galvanized											
40 x 40 mm	171 mm	40 mm	20 mm	71,5 mm	78 mm	51 mm	48,5 mm	1	Piece	0,560	**419011**
50 x 50 mm	171 mm	50 mm	10 mm	71,5 mm	78 mm	51 mm	48,5 mm	1	Piece	0,580	**419028**



Stop for sash lock boxes

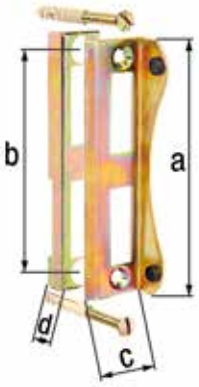
suitable for electric door opener no. 413842 and no. 413859.
suitable for lock case, depth 40 mm
applicable DIN left and right
Prepared for electrical door opener
Hole: Ø9 mm counter-sunk

Accessory note: Electric door opener not included.

Dimension a	Dimension b	Dimension c	Dimension d	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: yellow galvanized, for screwing on							
235,5 mm	196 mm	37 mm	20 mm	1	Piece	0,460	**412289**

METAL GATE FITTINGS

Stop for sash lock boxes



suitable for lock box, depth 30 - 40 mm, round and square tubes, second gate wings and wall columns
applicable DIN left and right
with rubber buffer for a low noise close

Set parts: One set consists of a lower section, a stop angle bracket with two fixing holes for M8 lens countersunk head screws, two M8x55 mm lens countersunk head screws, with matching wall plugs

Dimension a	Dimension b	Dimension c	Dimension d	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: galvanized							
188 mm	162 mm	30 mm	20 mm	1	Piece	0,360	**412081**
188 mm	162 mm	34 mm	20 mm	1	Piece	0,358	**412098**
188 mm	162 mm	40 mm	20 mm	1	Piece	0,360	**412104**

Stop for sash lock boxes

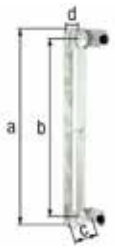
suitable for lock case, depth 30 - 40 mm

Assembly note: The stop can be screwed on or set in concrete. Before setting the wall anchor in concrete the welded-on nut must be plugged on.

Accessory note: Wall anchors, screws, and plugs packed in a bag included.

Dimension a	Dimension b	Dimension c	Dimension d	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: hot galvanized							
172 mm	162 mm	30 mm	25 mm	1	Piece	0,570	**412319**
172 mm	162 mm	34 mm	25 mm	5	Piece	0,580	**412326**
172 mm	162 mm	40 mm	25 mm	1	Piece	0,620	**412333**

Stop for gates with frame

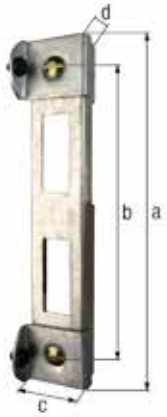


applicable DIN left and right
suitable for lock case, depth 30 mm
with rubber buffer for a low noise close

Accessory note: Attached rubber shocks included.

Dimension a	Dimension b	Dimension c	Dimension d	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: hot galvanized							
295 mm	266 mm	24 mm	15 mm	1	Piece	0,655	**413125**

Stop for tubing sections

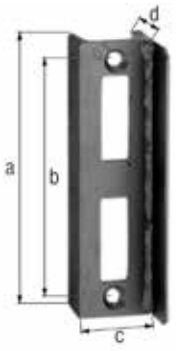


suitable for square tube n° 413132
applicable DIN left and right
with rubber buffer for a low noise close

Set parts: One set consists of a lower section, two stop angle brackets with rubber buffers, two M8x55 mm lens countersunk head screws, with suitable plugs

Dimension a	Dimension b	Dimension c	Dimension d	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: hot galvanized							
235 mm	195 mm	40 mm	22 mm	1	Piece	0,351	**412401**

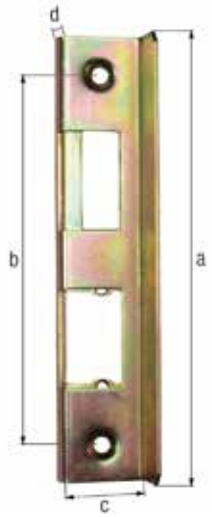
METAL GATE FITTINGS



Stop for sash lock boxes

suitable for lock case, depth 50 - 60 mm
applicable DIN left and right
Hole: Ø8,5 mm counter-sunk

Dimension a	Dimension b	Dimension c	Dimension d	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, to weld on							
188 mm	162 mm	50 mm	25 mm	1	Piece	0,890	**412111**
188 mm	162 mm	60 mm	25 mm	1	Piece	0,880	**412128**

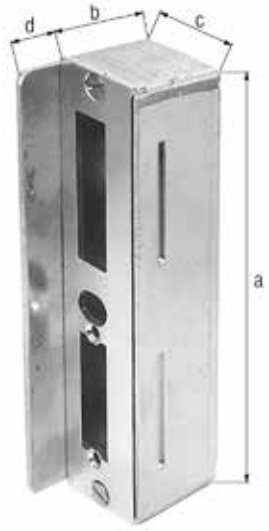


Stop for sash lock boxes

suitable for electric door opener no. 413842
suitable for lock case, depth 30 - 40 mm
applicable DIN left and right
Prepared for electrical door opener
Hole: Ø9 mm counter-sunk

Accessory note: Electric door opener not included.

Dimension a	Dimension b	Dimension c	Dimension d	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: yellow galvanized, for screwing on							
235,5 mm	196 mm	37 mm	20 mm	1	Piece	0,460	**412289**
235,5 mm	196 mm	43 mm	20 mm	1	Piece	0,481	**412302**



Closing case for electric door openers

suitable for lock case, depth 30 - 40 mm
applicable DIN left and right

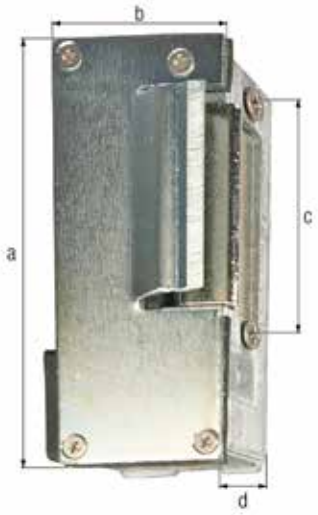
Dimension a	Dimension b	Dimension c	Dimension d	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, to weld on							
185 mm	47 mm	42 mm	18 mm	1	Piece	0,500	**417383**

METAL GATE FITTINGS

Door opener, electric, eff-eff

suitable for lock case stop no. 412289
suitable for lock case, depth 40 mm
water-resistant
Special version with cable screw clamps
6 or 12 volt coflow/alternating current

Assembly note: Since the construction height of the opener is 50 mm and sticks out behind the stop, leave an opening of approx. 100 mm high, approx. 25 mm wide, and approx. 30 mm deep.



Dimension a	Dimension b	Dimension c	Dimension d	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
casing material: die-casting for opening direction DIN left							
90 mm	40 mm	52,5 mm	25 mm	1	Piece	0,360	**413842**
casing material: die-casting for opening direction DIN right							
90 mm	40 mm	52,5 mm	25 mm	1	Piece	0,360	**413859**

Stop for metal sliding gates

suitable for deadbolt lock no. 414290
U shaped
suitable for 40 mm frame thickness

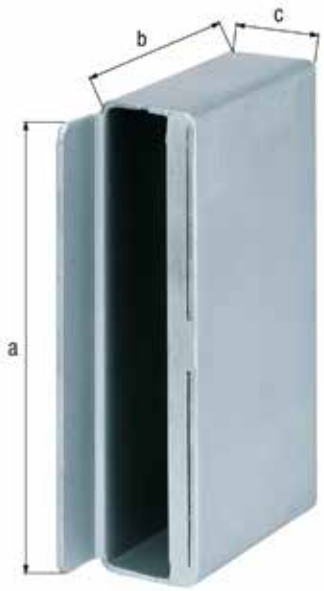
Dimension a	Dimension b	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, to weld on					
270 mm	45 mm	1	Piece	1,280	**414207**

Strike box for lock case

for double gates
applicable DIN left and right

Dimension a	Dimension b	Dimension c	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, to weld on						
188 mm	89 mm	30 mm	1	Piece	0,950	**413644**
188 mm	89 mm	34 mm	1	Piece	0,970	**413651**
188 mm	89 mm	40 mm	1	Piece	1,070	**413668**
188 mm	101 mm	50 mm	1	Piece	1,470	**413675**
188 mm	101 mm	60 mm	1	Piece	1,620	**413682**

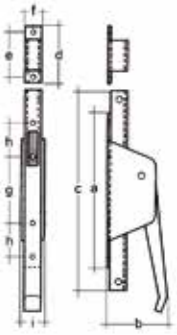
METAL GATE FITTINGS



Strike box for lock case

for double gates
applicable DIN left and right

Dimension a	Dimension b	Dimension c	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, to weld on						
172 mm	94 mm	30 mm	1	Piece	1,010	**417352**
172 mm	94 mm	34 mm	1	Piece	0,895	**417369**
172 mm	94 mm	40 mm	1	Piece	1,185	**417376**



Gate bolt

without lock

suitable for square bars 14 x 14 mm
stroke length: 28 mm bilateral
Hole: Ø6 mm bilateral

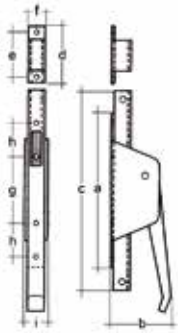
Accessory note: Screw in cylinder and keys are not included.
Bars for gate bolt are not included.

Dimension a	Dimension b	Dimension c	Dimension d	Dimension e	Dimension f	Dimension g	Dimension h	Dimension i	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, Surface: blue galvanized												
160 mm	65 mm	160 - 215 mm	60 mm	48 mm	19 mm	70 mm	35 mm	25 mm	5	Piece	0,800	**419783**

METAL GATE FITTINGS

Gate bolt
with lock

suitable for square bars 14 x 14 mm
stroke length: ca. 28 mm bilateral
Hole: Ø6 mm bilateral



Accessory note: Cylinder lock and two keys are included.
Bars for gate bolt are not included.

Dimension a	Dimension b	Dimension c	Dimension d	Dimension e	Dimension f	Dimension g	Dimension h	Dimension i	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, Surface: blue galvanized												
160 mm	65 mm	160 - 215 mm	60 mm	48 mm	19 mm	70 mm	35 mm	25 mm	5	Piece	0,800	**419776**

Door handle
one pair

suitable for 30 - 60 mm frame thickness

Accessory note: 8 x 8 mm square pin, threaded pin, and hole part included.

for lock casing	Dimension a	Dimension b	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: aluminium, surface: anodized silver-coloured						
30 - 40 mm	56 mm	115 mm	1	Piece	0,210	**412647**
50 - 60 mm	56 mm	115 mm	1	Piece	0,210	**412661**

Door handle
one pair

suitable for 30 mm frame thickness
Distance: 50 mm
Width: 115 mm

Accessory note: 8 x 8 mm square pin, threaded pin, and hole part included.

PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: aluminium cast			
1	Bag	0,210	**554880**

Door handle
one pair

suitable for 40 - 65 mm frame thickness

Accessory note: 8 x 8 mm square pin, space pin, and hole part included.

Dimension a	Dimension b	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: aluminium, surface: black anodized					
50 mm	115 mm	1	Piece	0,200	**654047**

METAL GATE FITTINGS

Door handle

one pair

suitable for 35 - 50 mm frame thickness

Accessory note: 8 x 8 mm square pin included.

Dimension a	Dimension b	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: aluminium					
40 mm	107,5 mm	1	Piece	0,250	**419035**

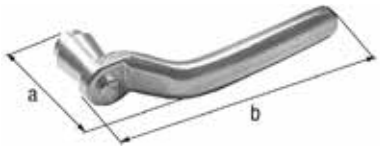
Door handle

one pair

suitable for 30 - 50 mm frame thickness

Accessory note: 8 x 8 mm square pin in stainless steel included.

Dimension a	Dimension b	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: stainless steel					
VA 60 mm	140 mm	1	Piece	0,274	**416942**



Door handle

one piece

applicable right and left

Dimension a	Dimension b	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: galvanized, silver grey enamelled					
45 mm	120 mm	1	Piece	0,274	**416515**

Doorknob

cranked

material thickness of plate: 8 mm

Hole: Ø5,5 mm

Dimension a	Dimension b	Dimension c	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: aluminium, surface: anodized new silver-coloured, with plate to screw on						
69,5 mm	50,0 mm	29,5 mm	1	Piece	0,210	**412760**
Material: aluminium, surface: anodized new silver-coloured, movable						
67 mm	43,5 mm	29 mm	1	Piece	0,170	**412777**
Material: aluminium, surface: anodized new silver-coloured, movable pin						
67 mm	43,5 mm	29 mm	1	Piece	0,210	**412784**

METAL GATE FITTINGS

Protective plate

one pair

suitable for door handle no. 554293
Width: 30 mm
Length: 155 mm
material thickness: 6,0 mm

Accessory note: Stainless steel fixing screws included.

PU	Sales unit	Pieces per sale unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: forged, galvanized, silver grey enamelled				
1	Bag	1 pc.	0,375	**554309**

Latch lever pin

for doorknob and door handle hole part

Dimension a	Dimension b	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, Surface: blue galvanized					
60 mm	8 mm	1	Piece	0,029	**413002**

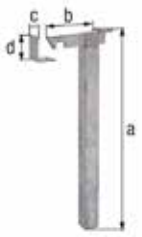
Door handle guide

Dimension a	Dimension b	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: plastic, colour: black					
Ø28,5 mm	Ø18,5 mm	1	Piece	0,002	**412562**

Door stopper

for fixing to the floor
adjustable height by 120 mm

with counter plate for screwing onto the gate door
Plate thickness: 3 mm
number of holes: 3
Hole: Ø5 mm



Dimension a	Dimension b	Dimension c	Dimension d	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: hot galvanized, to set in concrete							
300 mm	90 mm	30 mm	50 mm	1	Piece	1,610	**412838**

METAL GATE FITTINGS

Door stopper
for fixing to the floor

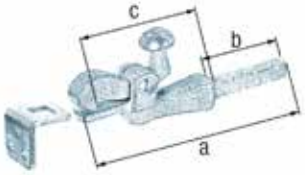
with counter plate for screwing onto the gate door
material thickness: 12 mm
Plate thickness: 5 mm
number of holes: 2
slotted hole: Ø10 x 25 mm

Dimension a	Dimension b	Dimension c	Dimension d	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: hot galvanized, to set in concrete							
370 mm	180 mm	60 mm	50 mm	1	Piece	3,680	**411770**

Door stopper
for fixing to the floor

with counter plate for screwing onto the gate door
Plate thickness: 4 mm
number of holes: 3
Hole: Ø6,5 mm

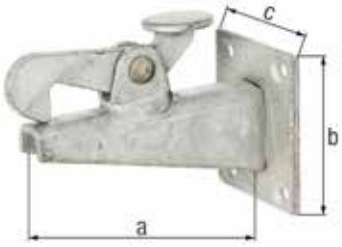
Dimension a	Dimension b	Dimension c	Dimension d	Dimension e	Dimension f	Dimension g	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: cast iron, surface: blue galvanized, for setting in concrete										
168 mm	52 mm	35 mm	34 mm	71 mm	124 mm	85 mm	5	Piece	0,610	**412814**
191 mm	52 mm	35 mm	34 mm	71 mm	150 mm	85 mm	5	Piece	0,550	**412821**



Door stopper
for fixing in the wall

with counter plate for screwing onto the gate door

Dimension a	Dimension b	Dimension c	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: cast iron, surface: blue galvanized, for sealing						
190 mm	74 mm	98 mm	5	Piece	0,580	**412807**



Door stopper
for fixing to the wall

with counter plate
number of holes: 4 / 2
Hole: Ø6 / 5,5 mm

Dimension a	Dimension b	Dimension c	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: hot galvanized, for screwing on						
100 mm	65 mm	50 mm	1	Piece	0,405	**411756**

Door stopper
for fixing to the floor

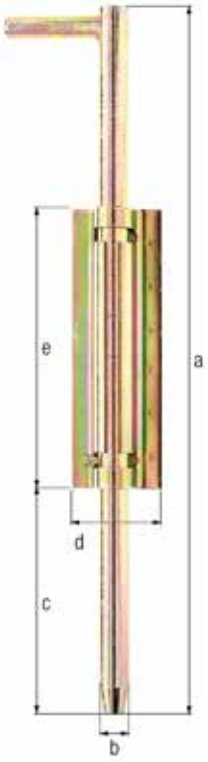
with counter plate
number of holes: 4 / 2
Hole: Ø6 / 5,5 mm

Dimension a	Dimension b	Dimension c	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: hot galvanized, for screwing on						
95 mm	65 mm	50 mm	1	Piece	0,440	**411763**

METAL GATE FITTINGS

Drop bolt

Dimension a	Dimension b	Dimension c	Dimension d	Dimension e	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: yellow galvanized, for welding on								
400 mm	Ø18 mm	125 mm	50 mm	160 mm	1	Piece	1,152	**410216**
600 mm	Ø18 mm	125 mm	50 mm	210 mm	5	Piece	1,644	**410223**



Drop bolt

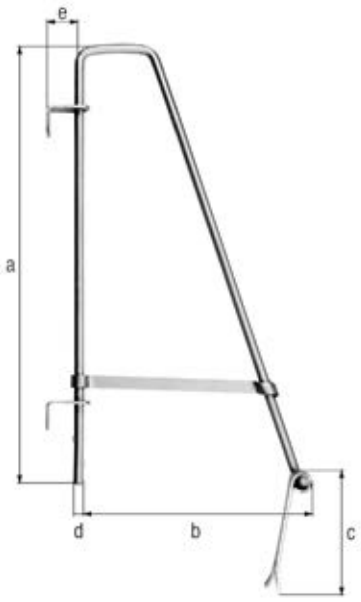
for wooden or metal gates

with countersunk screw holes
The springs which is fixed on the base plate keeps the drop bolt in the desired position.
Drop bolt end piece: Ø12 x 60 mm
number of holes: 2 / 4
Hole: Ø6,5 mm
Hole: M8

Assembly note: The unit can be installed in almost every square and triangular tube due to the low construction height of only 25 mm and the operating handle that can be turned.

Dimension a	Dimension b	Dimension c	Dimension d	Dimension e	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, Surface: blue galvanized, to screw on								
500 mm	14 x 14 mm	150 mm	25 mm	390 mm	1	Piece	1,300	**416805**

METAL GATE FITTINGS



Drop bolt

triangle shape

Guide angle brackets for welding

Length of catch in the concrete anchor: 150 mm

Accessory note: Concrete anchor included.

Dimension a	Dimension b	Dimension c	Dimension d	Dimension e	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Guide angle, Material: steel, surface of other parts: hot galvanized								
700 mm	360 mm	170 mm	Ø16 mm	40 mm	1	Piece	3,290	**410568**

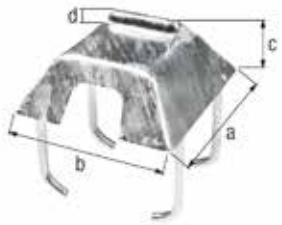
Gate stop

not punched

with four welded on concrete anchor

Concrete anchor : 20 x 120 x 5 mm

Dimension a	Dimension b	Dimension c	Dimension d	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: hot galvanized, to set in concrete							
210 mm	205 mm	55 mm	10 mm	1	Piece	1,660	**410445**



Gate stop

not punched

with four welded on concrete anchor

Dimension a	Dimension b	Dimension c	Dimension d	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: hot galvanized, to set in concrete							
170 mm	180 mm	60 mm	15 mm	1	Piece	1,460	**410452**

Gate stop

not punched

- The rounded form of this support prevents tyres from being damaged when they roll over.

Accessory note: Three screw-on stone bolts included.

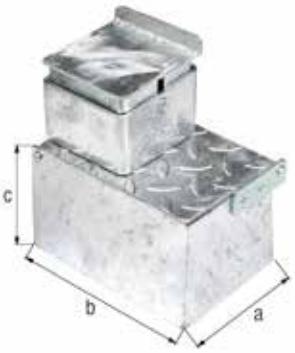
Dimension a	Dimension b	Dimension c	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: aluminium cast, for setting in concrete						
Ø205 mm	65 mm	17 mm	1	Piece	0,926	**410476**

METAL GATE FITTINGS

Gate stop, retractable

not punched

- Due to the retractable design no stumbling hindrances or tyre damage.



Assembly note: The entire stop part can be retracted into the casing in the ground when the gate is opened with a handle. The stop part is adjustable from approx. 80 - 120 mm.

Dimension a	Dimension b	Dimension c	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: hot galvanized, to set in concrete						
150 mm	210 mm	140 mm	1	Piece	5,960	**410469**

Lifting gate fitting for metal gates

for uneven terrain

applicable DIN left and right

Max. load capacity of a gate wing of 2,50 m width : 300 kg

The gate can open more than 90°.

The gate rises when opened. The incline (of up to 7°) can be adjusted at different positions and depends on the size of the gate.

Assembly note: A square post of at least 80 mm wide is required for assembly.
The incline can be adjusted at different positions and depends on the size of the gate.

Set parts: One set for a gate wing contains both an upper and lower weld-on band, two weld-on plates, two ball angle joints, greased, galvanized, fixing screws, and assembly instructions packed in a polybag.

PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material of fitting parts: steel, surface of ball angle joint and fastener: galvanized			
1	Piece	2,700	**411725**

Gate track roller

for light gates

Loads of up to 70 kg gate weight

Unevenness in the gate entrance can be rendered even by the telescope suspension leg with up to 60 mm suspension travel

number of holes: 2

Hole: Ø8,5 mm

Dimension a	Dimension b	Dimension c	Dimension d	Dimension e	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: hot galvanized, for screwing on								
400 mm	Ø100 mm	30 mm	255 mm	225 mm	1	Piece	2,100	**416850**

Gate track roller

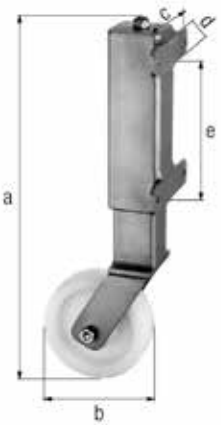
for heavy gates

loads of up to 450 kg gate weight

Unevenness in the gate entrance can be rendered even by the telescope suspension leg with up to 60 mm suspension travel

number of holes: 4

Hole: Ø8,5 mm



Dimension a	Dimension b	Dimension c	Dimension d	Dimension e	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: hot galvanized, for screwing on								
400 mm	Ø125 mm	130 mm	30 mm	150 mm	1	Piece	4,210	**416867**

METAL GATE FITTINGS

Sliding gate wheel with closed support

for sliding gates
suitable for 40 mm frame thickness

Groove width: 10 mm
Groove depth: 8 mm
Bearing force: 75 kg
Distance from ground: 100 mm

Assembly note: The gate wheel with closed support must be welded with the check to the frame. We recommend a T-iron from 80/80/8 mm - 100/100/9 mm material for a guide rail that must be cemented firmly in the threshold.

Dimension a	Dimension b	Dimension c	Dimension d	Dimension e	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, to weld on								
Ø75 mm	140 mm	40 mm	34 mm	71 mm	1	Piece	1,430	**414160**

Wooden gate top guide

with two nylon rolls
for sliding gates opening direction left and right
Adjustability for different frame thicknesses for exact alignment of the gate.
Weld on part : 196 x 60 x 8 mm
Total height: 118 mm
Height of the roll: 28 mm
Roll: Ø40 mm
slotted hole: Ø10 x 107 mm

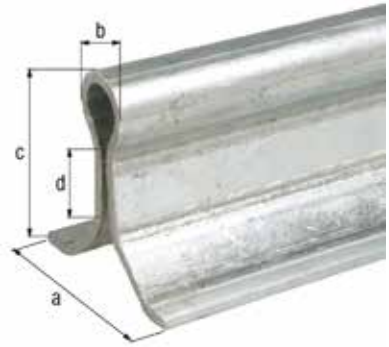
Dimension a	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material of the rolls: nylon, Material of the welding part: iron, surface of case: yellow galvanized				
40 - 80 mm	1	Piece	1,830	**414122**

Guide rail profile

for sliding gates

suitable for gate wheels with half-round guide and guide surfaces until a Ø 20 mm
Length: 3000 mm
material thickness: 3,5 mm

Dimension a	Dimension b	Dimension c	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, sendzimir galvanized						
55 mm	Ø20 mm	16 mm	1	Piece	7,000	**419820**



Guide rail profile

for sliding gates

suitable for gate wheels with half-round guide and guide surfaces until a Ø 20 mm
Length: 3000 mm

Dimension a	Dimension b	Dimension c	Dimension d	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, sendzimir galvanized							
65 mm	Ø20 mm	60 mm	15 mm	1	Piece	13,000	**419806**

METAL GATE FITTINGS

Connecting pin
for connecting guide rail profiles

suitable for guide profile n° 419806

Dimension a	Dimension b	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: yellow galvanized					
100 mm	Ø13 mm	1	Piece	0,100	**419813**

Hook for screwing in
one pair

adjustable

Assembly note: Easily adjustable, even after assembly.

Accessory note: Two nuts and washers included.

Dimension a	Dimension b	Thread	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: hot galvanized, packed in bag						
Ø13 mm	120 mm	M12	1	Piece	0,390	**410643**
Ø13 mm	140 mm	M12	1	Piece	0,430	**410650**
Ø13 mm	160 mm	M12	1	Piece	0,470	**410636**
Ø16 mm	120 mm	M12	1	Piece	0,444	**410667**
Ø16 mm	140 mm	M12	1	Piece	0,480	**410674**
Ø16 mm	190 mm	M16	1	Piece	0,870	**410803**

Hook for screwing in
one pair

adjustable
with plastic plug
Thread: M12

Assembly note: Easily adjustable, even after assembly.

Accessory note: Two nuts, washers and dowels included.

Dimension a	Dimension b	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: hot galvanized, packed in bag					
Ø16 mm	120 mm	1	Piece	0,490	**410605**

Hook

Dimension a	Dimension b	Dimension c	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, to weld on						
Ø13 mm	24 mm	65 mm	10	Piece	0,130	**411008**
Ø16 mm	30 mm	75 mm	10	Piece	0,220	**411015**
Ø20 mm	50 mm	95 mm	1	Piece	0,450	**411022**

METAL GATE FITTINGS

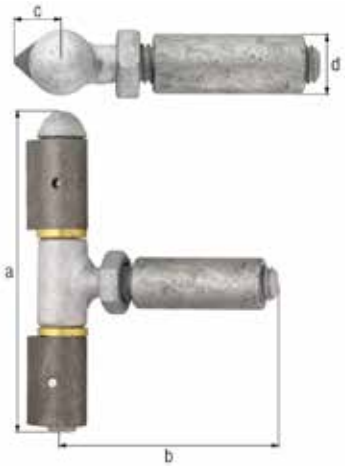
Weld on hinge

Dimension a	Dimension b	Dimension c	Dimension d	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, to weld on							
Ø13 mm	30 mm	40 mm	5 mm	1	Piece	0,133	**411367**
Ø13 mm	80 mm	40 mm	5 mm	10	Piece	0,213	**411374**
Ø16 mm	25 mm	45 mm	5 mm	1	Piece	0,190	**411381**
Ø16 mm	75 mm	45 mm	5 mm	10	Piece	0,297	**411398**
Ø20 mm	100 mm	60 mm	8 mm	1	Piece	0,660	**411404**

Weld on hinge
three parts

with lubricating hole

Dimension a	Dimension b	Dimension c	Dimension d	Max. load capacity	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, galvanized pin, to weld on								
Ø22 mm	Ø12 mm	90 mm	25 mm	100 kg	4	Piece	0,279	**411459**
Ø25 mm	Ø15 mm	90 mm	25 mm	150 kg	4	Piece	0,465	**411466**
Ø33 mm	Ø20 mm	98 mm	25 mm	200 kg	4	Piece	0,664	**411473**



Weld on hinge
adjustable by 30 mm

with split reels

three parts

with lubricating hole

Accessory note: With brass washers and threaded part with hot dip galvanized nut.

Thread	Dimension a	Dimension b	Dimension c	Dimension d	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, to weld on								
M14	125 mm	84 mm	14,5 mm	Ø20 mm	1	Piece	0,455	**418427**
M16	145 mm	81,5 mm	17 mm	Ø22 mm	1	Piece	0,650	**418434**

Weld on hinge
adjustable by 40 mm

with threaded sleeve to weld on

with lubricating hole

Accessory note: Threaded sleeve included.

Thread	Dimension a	Dimension b	Dimension c	Dimension d	Max. load capacity	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface of pin and central part: galvanized, to weld on									
M16	Ø22 mm	Ø12 mm	87 mm	90 mm	100 kg	4	Piece	0,370	**411558**
M20	Ø27 mm	Ø15 mm	90 mm	92 mm	150 kg	4	Piece	0,591	**411565**
M24	Ø32 mm	Ø20 mm	95 mm	95 mm	200 kg	4	Piece	0,875	**411572**

METAL GATE FITTINGS

Weld on hinge
three parts

with wall anchor for setting in concrete

Dimension a	Dimension b	Dimension c	Dimension d	Max. load capacity	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, pin und wall anchor galvanized, for setting in concrete								
Ø22 mm	Ø12 mm	87 mm	155 mm	100 kg	4	Piece	0,420	**411503**
Ø27 mm	Ø15 mm	90 mm	170 mm	150 kg	4	Piece	0,662	**411510**
Ø32 mm	Ø20 mm	95 mm	180 mm	200 kg	4	Piece	0,925	**411527**

Weld on hinge
adjustable by 25 mm

with wall anchor for setting in concrete

with lubricating hole

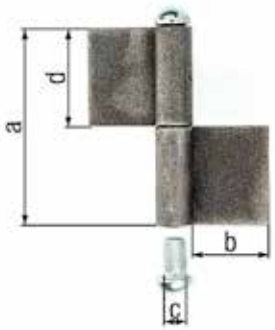
Thread	Dimension a	Dimension b	Dimension c	Dimension d	Max. load capacity	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface of pin, central part and wall anchor: galvanized, for setting in concrete									
M16	Ø22 mm	Ø12 mm	87 mm	185 mm	100 kg	4	Piece	0,449	**411602**
M20	Ø27 mm	Ø15 mm	90 mm	190 mm	150 kg	4	Piece	0,708	**411619**
M24	Ø32 mm	Ø20 mm	95 mm	190 mm	200 kg	4	Piece	1,060	**411626**

Construction hinge
three parts

Accessory note: Brass disc is delivered.

Dimension a	Dimension b	Dimension c	Dimension d	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, to weld on							
80 mm	Ø12 mm	16,5 mm	Ø8,0 mm	24	Piece	0,075	**411800**
100 mm	Ø13,5 mm	18,0 mm	Ø8,5 mm	24	Piece	0,115	**411817**
120 mm	Ø15,0 mm	19,5 mm	Ø10,0 mm	24	Piece	0,161	**411824**
140 mm	Ø16,5 mm	22,0 mm	Ø10,5 mm	24	Piece	0,235	**411831**
170 mm	Ø17,5 mm	23,5 mm	Ø12,0 mm	12	Piece	0,329	**411848**
200 mm	Ø20,0 mm	27,0 mm	Ø14,0 mm	12	Piece	0,519	**411855**

Construction hinge
Type K04
two parts

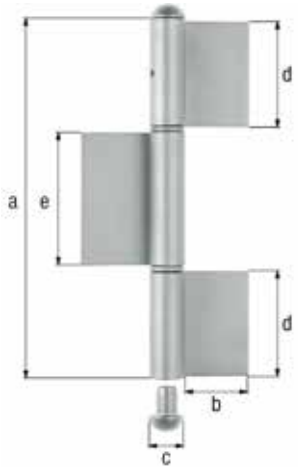


Dimension a	Dimension b	Dimension c	Dimension d	material thickness	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...	
Material: steel, to weld on									
80 mm	30 mm	Ø9 mm	40 mm	3 mm	10	Piece	0,185	**414405**	
100 mm	30 mm	Ø9 mm	50 mm	3 mm	10	Piece	0,230	**414412**	
120 mm	30 mm	Ø9 mm	60 mm	3 mm	10	Piece	0,265	**414429**	
140 mm	50 mm	Ø14 mm	70 mm	4 mm	10	Piece	0,665	**414436**	
160 mm	50 mm	Ø14 mm	80 mm	4 mm	10	Piece	0,760	**414443**	
160 mm	50 mm	Ø16 mm	80 mm	5 mm	6	Piece	1,040	**414450**	
180 mm	50 mm	Ø14 mm	90 mm	4 mm	10	Piece	0,855	**414467**	
Material: steel, Surface: blue galvanized, to weld on									
80 mm	30 mm	Ø9 mm	40 mm	3 mm	10	Piece	0,185	**414504**	
100 mm	30 mm	Ø9 mm	50 mm	3 mm	10	Piece	0,225	**414511**	
120 mm	30 mm	Ø9 mm	60 mm	3 mm	10	Piece	0,270	**414528**	
160 mm	50 mm	Ø14 mm	80 mm	4 mm	10	Piece	0,765	**414542**	
Material: stainless steel, to weld on									
80 mm	30 mm	Ø9 mm	40 mm	3 mm	10	Piece	0,172	**414306**	VA
100 mm	30 mm	Ø9 mm	50 mm	3 mm	10	Piece	0,212	**414313**	VA

METAL GATE FITTINGS

Construction hinge
continued from page 217

	Dimension a	Dimension b	Dimension c	Dimension d	material thickness	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
VA	120 mm	30 mm	Ø9 mm	60 mm	3 mm	10	Piece	0,249	**414320**
VA	160 mm	50 mm	Ø14 mm	80 mm	4 mm	10	Piece	0,721	**414337**
VA	180 mm	50 mm	Ø14 mm	90 mm	4 mm	10	Piece	0,800	**414344**



Construction hinge
Type KO8
three parts

Dimension a	Dimension b	Dimension c	Dimension d	Dimension e	material thickness	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, to weld on									
220 mm	50 mm	Ø14 mm	70 mm	80 mm	4 mm	6	Piece	1,053	**414474**
240 mm	50 mm	Ø16 mm	70 mm	100 mm	5 mm	6	Piece	0,980	**414481**
260 mm	50 mm	Ø16 mm	80 mm	100 mm	5 mm	6	Piece	1,680	**414498**
Material: steel, surface: galvanized, to weld on									
220 mm	50 mm	Ø14 mm	70 mm	80 mm	4 mm	6	Piece	1,060	**414573**

Gate hinge
for posts up to Ø 80 mm or 80 x 80 mm
adjustable

Accessory note: Four olive green, galvanized nuts and washers, with plastic covering caps and M12 studs included.

Dimension a	Dimension b	Dimension c	Max. load capacity	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, stud surface: olive green galvanized, to weld on							
140 mm	60 mm	22 mm	150 kg	1	Piece	0,741	**411282**

Gate hinge
for posts up to Ø 120 mm or 120 x 120 mm
adjustable

Accessory note: Four olive green, galvanized nuts and washers, with plastic covering caps and M16 studs included.

Dimension a	Dimension b	Dimension c	Max. load capacity	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, stud surface: olive green galvanized, to weld on							
180 mm	60 mm	19 mm	300 kg	1	Piece	1,360	**411299**

Gate hinge
adjustable by 15 mm

Thread	Dimension a	Dimension b	Dimension c	Dimension d	Dimension e	Dimension f	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material of clamp (u-shape) and welded nut: steel, material of connecting bolt and lock ring: stainless steel, surface of eye bolt: hot galvanized, to weld on										
M16	65 mm	42 mm	37 mm	30 mm	Ø12 mm	Ø20 mm	1	Piece	0,320	**418304**
M20	65 mm	42 mm	42 mm	30 mm	Ø16 mm	Ø25 mm	1	Piece	0,440	**418311**
M24	72 mm	50 mm	44 mm	35 mm	Ø20 mm	Ø30 mm	1	Piece	0,600	**418328**

METAL GATE FITTINGS

Gate hinge
with wall sleeve

adjustable by 20 mm

Thread	Dimension a	Dimension b	Dimension c	Dimension d	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material of clamp (u-shape): steel, material of connecting bolt and lock ring: stainless steel, surface of eye bolt: hot galvanized, to weld on								
M16	75 mm	37 mm	30 mm	Ø12 mm	1	Piece	0,370	**418335**
M20	75 mm	42 mm	30 mm	Ø16 mm	1	Piece	0,460	**418342**
M24	75 mm	44 mm	35 mm	Ø20 mm	1	Piece	0,640	**418359**

Gate hinge
for posts up to Ø 120 mm or 120 x 120 mm

Thread	Dimension a	Dimension b	Dimension c	Dimension d	Dimension e	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material of clamp (u-shape): steel, material of connecting bolt and lock ring: stainless steel, surface of eye bolt: hot galvanized, to weld on									
M16	144 mm	138 mm	37 mm	30 mm	Ø12 mm	1	Piece	0,435	**418366**
M20	153 mm	145 mm	42 mm	30 mm	Ø16 mm	1	Piece	0,655	**418373**
M24	180 mm	170 mm	44 mm	35 mm	Ø20 mm	1	Piece	1,025	**418380**

Gate hinge
with plate for screwing on

adjustable by 20 mm
number of holes: 4
Hole: Ø11 mm

Thread	Dimension a	Dimension b	Dimension c	Dimension d	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material of clamp (u-shape): steel, material of connecting bolt and lock ring: stainless steel, surface of eye bolt: hot galvanized, to weld on								
M16	100 mm	100 mm	37 mm	30 mm	1	Piece	0,680	**418397**
M20	100 mm	100 mm	42 mm	30 mm	1	Piece	0,855	**418403**
M24	100 mm	100 mm	44 mm	35 mm	1	Piece	1,020	**418410**

Gate hinge
for 180° opening

adjustable to three levels
consisting of U bracket with long hole for screwing onto posts angled weld-on plate and one threaded rod
slotted hole: Ø9 x 44 mm

Dimension a	Dimension b	Dimension c	Thread	Max. load capacity	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material of weld on parts: steel, surface of other parts: hot galvanized, to weld on								
132 mm	100 mm	70 mm	M16	150 kg	1	Piece	1,000	**411343**

Gate hinge
for 180° opening

adjustable to three levels
consisting of U bracket with two long hole for screwing onto posts, angled weld-on plate and two threaded rods
Thread: M16
slotted hole: Ø11 x 35 mm

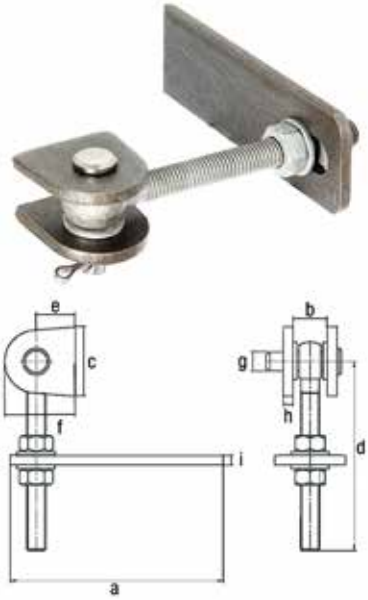
Dimension a	Dimension b	Dimension c	Max. load capacity	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material of weld on parts: steel, surface of other parts: hot galvanized, to weld on							
135 mm	136 mm	101 mm	300 kg	1	Piece	1,900	**411350**

METAL GATE FITTINGS

Gate hinge
with plate for screwing on

adjustable to three levels
number of holes: 4
slotted hole: Ø11 x 20 mm
material thickness of weld-on plate: 8 mm

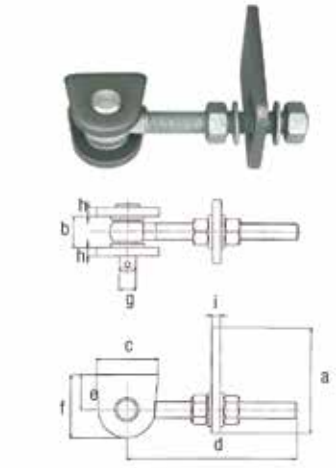
	Thread	Dimension a	Dimension b	Dimension c	Dimension d	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material of weld on parts: steel, connecting bolt and clip in stainless steel, plate, threaded bar, screws, nuts in hot galvanized, to weld on									
	M16	146 mm	60 mm	100 mm	100 mm	1	Piece	1,550	**418649**
	M20	170 mm	60 mm	120 mm	120 mm	1	Piece	2,550	**418656**



Gate hinge
for 180° opening
long version

Adjustable width

	Thread	Dimension a	Dimension b	Dimension c	Dimension d	Dimension e	Dimension f	Dimension g	Dimension h	Dimension i	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material of weld on parts: steel, surface of screws and nuts: hot galvanized, material of bolts and cotter: stainless steel to weld on														
	M12	135 mm	19 mm	44 mm	120 mm	25 mm	45 mm	Ø12 mm	6 mm	6 mm	1	Piece	0,590	**411121**
	M16	146 mm	23 mm	55 mm	130 mm	28 mm	50 mm	Ø16 mm	8 mm	8 mm	1	Piece	1,145	**411138**
	M20	170 mm	30 mm	80 mm	150 mm	34 mm	65 mm	Ø18 mm	8 mm	8 mm	1	Piece	1,440	**411145**
	M24	190 mm	33 mm	80 mm	150 mm	34 mm	65 mm	Ø22 mm	10 mm	12 mm	1	Piece	2,540	**411152**
Material: stainless steel, to weld on														
VA	M16	146 mm	23 mm	55 mm	130 mm	28 mm	50 mm	Ø16 mm	8 mm	8 mm	1	Piece	1,145	**326203**
VA	M20	170 mm	30 mm	80 mm	150 mm	34 mm	65 mm	Ø18 mm	8 mm	8 mm	1	Piece	1,795	**326210**



Gate hinge
for 180° opening
short version

Adjustable width

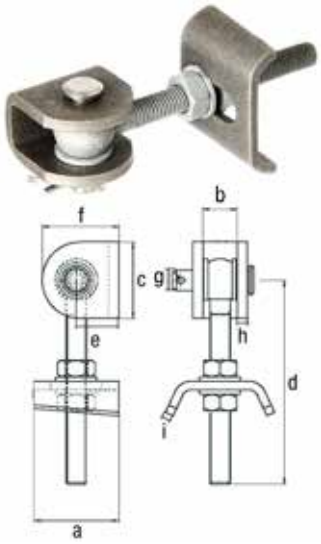
	Thread	Dimension a	Dimension b	Dimension c	Dimension d	Dimension e	Dimension f	Dimension g	Dimension h	Dimension i	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material of weld on parts: steel, surface of screws and nuts: hot galvanized, material of bolts and cotter: stainless steel to weld on														
	M12	75 mm	19 mm	44 mm	120 mm	25 mm	45 mm	Ø12 mm	6 mm	6 mm	10	Piece	0,486	**411053**
	M16	86 mm	23 mm	55 mm	130 mm	28 mm	50 mm	Ø16 mm	8 mm	8 mm	8	Piece	0,876	**411060**
	M20	130 mm	30 mm	80 mm	150 mm	34 mm	65 mm	Ø18 mm	8 mm	8 mm	4	Piece	1,500	**411077**
	M24	145 mm	33 mm	80 mm	150 mm	34 mm	65 mm	Ø22 mm	10 mm	12 mm	4	Piece	2,360	**411084**
	M12	75 mm	19 mm	44 mm	120 mm	25 mm	45 mm	Ø12 mm	6 mm	6 mm	1	Piece	0,450	**417802**
	M16	86 mm	23 mm	55 mm	130 mm	28 mm	50 mm	Ø16 mm	8 mm	8 mm	1	Piece	0,790	**417819**
	M20	130 mm	30 mm	80 mm	150 mm	34 mm	65 mm	Ø18 mm	8 mm	8 mm	1	Piece	1,490	**417826**
	M24	145 mm	33 mm	80 mm	150 mm	34 mm	65 mm	Ø22 mm	10 mm	12 mm	1	Piece	2,330	**417833**

METAL GATE FITTINGS

Gate hinge
for 180° opening

Adjustable width

Weld-on post part as U part replaces the junction plate



Thread	Dimension a	Dimension b	Dimension c	Dimension d	Dimension e	Dimension f	Dimension g	Dimension h	Dimension i	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material of weld on parts: steel, surface of screws and nuts: hot galvanized, material of bolts and cotter: stainless steel to weld on													
M12	50 mm	20 mm	45 mm	120 mm	25 mm	45 mm	Ø12 mm	6 mm	5 mm	1	Piece	0,607	**412074**
M16	60 mm	27 mm	45 mm	130 mm	28 mm	50 mm	Ø16 mm	8 mm	5 mm	1	Piece	0,981	**412173**
M20	70 mm	33 mm	70 mm	150 mm	34 mm	65 mm	Ø18 mm	8 mm	8 mm	1	Piece	1,860	**412180**
M24	80 mm	36 mm	70 mm	150 mm	36 mm	65 mm	Ø22 mm	10 mm	8 mm	1	Piece	2,586	**412197**

Eye screw
suitable for band hook and band hook unit

Accessory note: The accessory not included.

Thread	Dimension a	Dimension b	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: hot galvanized, suitable for gate bands n° 411121 etc.						
M12	120 mm	Ø12 mm	1	Piece	0,100	**411237**
M16	130 mm	Ø16 mm	1	Piece	0,200	**411213**
M20	150 mm	Ø18 mm	1	Piece	0,250	**411220**
M24	150 mm	Ø22 mm	1	Piece	0,350	**411244**
Material: steel, surface: olive green galvanized, for band hook n° 411282 and n° 411299						
M12	140 mm	Ø14 mm	1	Piece	0,120	**411251**
M16	180 mm	Ø14 mm	1	Piece	0,280	**411268**

Eye screw
suitable for gate bands n° 411121

Accessory note: Two nuts and washers included.

Thread	Dimension a	Dimension b	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...	
Material: steel, surface: hot galvanized							
M12	120 mm	Ø12 mm	1	Piece	0,150	**417253**	
M16	130 mm	Ø16 mm	1	Piece	0,244	**417260**	
M20	150 mm	Ø18 mm	1	Piece	0,457	**417284**	
M24	150 mm	Ø22 mm	1	Piece	0,631	**417307**	
Material: stainless steel							
M16	130 mm	Ø16 mm	1	Piece	0,244	**417277**	VA

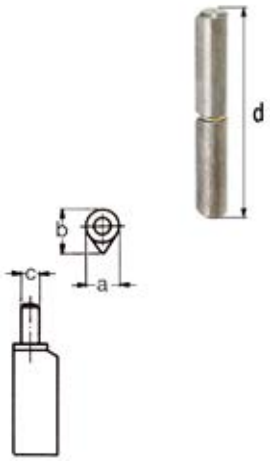
Bolts for gate bands
suitable for gate bands n° 411121

suitable for threads	Dimension a	Dimension b	Dimension c	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...	
Material: stainless steel								
M12	Ø12 mm	48 mm	Ø17 mm	1	Piece	0,040	**417123**	VA
M16	Ø16 mm	57 mm	Ø21 mm	1	Piece	0,090	**417130**	VA
M20	Ø18 mm	66 mm	Ø23 mm	1	Piece	0,130	**417147**	VA
M24	Ø22 mm	74 mm	Ø28 mm	1	Piece	0,220	**417154**	VA

METAL GATE FITTINGS

Splint
suitable for gate bands n° 411121

	suitable for threads	Dimension a	Dimension b	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
	Material: stainless steel						
VA	M12	3 mm	30 mm	1	Piece	0,001	**417161**
VA	M16	4 mm	30 mm	1	Piece	0,001	**417178**
VA	M20	4 mm	40 mm	1	Piece	0,005	**417185**
VA	M24	4 mm	50 mm	1	Piece	0,005	**417192**



Weld on roll
two parts

Accessory note: Brass disc is delivered.

Dimension a	Dimension b	Dimension c	Dimension d	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, to weld on							
Ø10 mm	12 mm	Ø6 mm	60 mm	24	Piece	0,037	**414856**
Ø12 mm	14 mm	Ø7 mm	80 mm	24	Piece	0,070	**414863**
Ø14 mm	16 mm	Ø8 mm	100 mm	24	Piece	0,118	**414870**
Ø16 mm	18 mm	Ø9 mm	120 mm	24	Piece	0,190	**414887**
Ø16 mm	18 mm	Ø9 mm	140 mm	24	Piece	0,220	**414894**
Ø20 mm	23 mm	Ø12 mm	160 mm	24	Piece	0,390	**414900**
Ø22 mm	25 mm	Ø14 mm	180 mm	12	Piece	0,595	**414917**

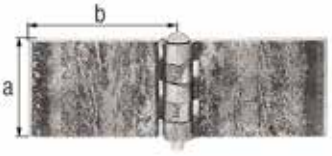
METAL CONSTRUCTION FITTINGS

Hinge

with iron pin
rolled
not punched

Dimension a	Dimension b	material thickness	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, to weld on						
60 mm	55 mm	2,5 mm	20	Piece	0,110	**341510**
95 mm	65 mm	3,0 mm	20	Piece	0,200	**341527**

Hinge



Dimension a	Dimension b	material thickness	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, to weld on						
40 mm	120 mm	5,0 mm	10	Piece	0,240	**341534**
50 mm	120 mm	5,0 mm	10	Piece	0,300	**341541**
50 mm	160 mm	5,0 mm	10	Piece	0,410	**341558**
60 mm	200 mm	6,0 mm	10	Piece	0,610	**341565**
80 mm	160 mm	6,0 mm	10	Piece	0,650	**341572**

Post cap
for square metal posts

Dimension a	Dimension b	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, to weld on					
40 mm	40 mm	10	Piece	0,030	**418007**
50 mm	50 mm	10	Piece	0,050	**418083**
60 mm	60 mm	10	Piece	0,070	**418014**
80 mm	80 mm	10	Piece	0,110	**418021**
100 mm	100 mm	10	Piece	0,179	**418038**
120 mm	120 mm	2	Piece	0,220	**418045**
150 mm	150 mm	2	Piece	0,350	**418052**
175 mm	175 mm	2	Piece	0,416	**419578**
200 mm	200 mm	2	Piece	0,725	**419585**

Post cap
for rectangular metal posts

Dimension a	Dimension b	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, to weld on					
20 mm	30 mm	20	Piece	0,022	**419592**
30 mm	50 mm	20	Piece	0,036	**419615**
40 mm	60 mm	20	Piece	0,051	**419639**
40 mm	80 mm	10	Piece	0,062	**419646**

Post cap
for round metal posts

Dimension a	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, to weld on				
Ø33 mm	25	Piece	0,026	**419677**
Ø42 mm	25	Piece	0,041	**419684**
Ø48 mm	25	Piece	0,051	**419691**
Ø60 mm	20	Piece	0,072	**419707**

METAL CONSTRUCTION FITTINGS

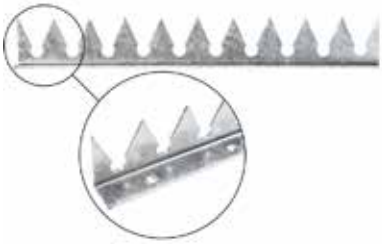
Post cap
continued from page 223

Dimension a	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Ø76 mm	20	Piece	0,104	**419714**
Ø90 mm	10	Piece	0,124	**419721**
Ø101 mm	10	Piece	0,158	**419738**
Ø114 mm	5	Piece	0,181	**419745**

Jagged strip

Length: 2000 mm
Total height: 45 mm
material thickness: 3 mm

PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, to weld on			
6	Piece	1,450	**410322**



Jagged strip, angled

Length: 2000 mm
Total height: 41 mm
material thickness: 2 mm
Hole: Ø5,5 mm
Depth of angle: 14 mm
Distance of the spikes: 30 mm
height of pins: 22 mm
height of pins incl. curve: 29 mm

PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: hot galvanized, for screwing on			
1	Piece	1,140	**410308**

RAIL BRACKETS

Handrail support

Support can not be adjusted

for fixing to the wall

Distance between wall and middle of support: 70 mm

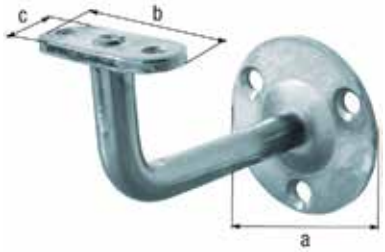
Dimension a	Dimension b	Dimension c	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...	
Material: steel, surface: galvanized, to screw on, curved support							
Ø50 mm	50 mm	20 mm	10	Piece	0,125	**702472**	
Material: steel, surface: galvanized, to screw on, straight support							
Ø50 mm	50 mm	20 mm	10	Piece	0,125	**702489**	
Material: stainless steel to screw on, curved support							
Ø64 mm	60 mm	25 mm	6	Piece	0,185	**327170**	VA
Material: stainless steel, to screw on, straight support							
Ø64 mm	60 mm	25 mm	6	Piece	0,185	**327187**	VA

Handrail support

Support can not be adjusted

for fixing to the wall

Distance between wall and middle of support: 75 - 78 mm



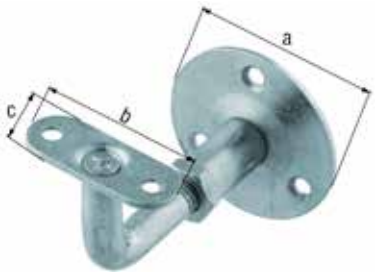
Dimension a	Dimension b	Dimension c	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, Surface: blue galvanized						
Ø60 mm	51 mm	21 mm	10	Piece	0,186	**308995**

Handrail support

Movable support

for fixing to the wall

Distance from wall: 80 - 95 mm



Dimension a	Dimension b	Dimension c	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, Surface: blue galvanized, to screw on, straight support						
Ø60 mm	50 mm	20 mm	10	Piece	0,200	**308988**

Handrail support

Movable support

for fixing to the wall

Distance between wall and middle of support: 65 mm

Dimension a	Dimension b	Dimension c	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: galvanized, to screw on, straight support						
Ø60 mm	60 mm	23 mm	10	Piece	0,215	**702496**

UNIVERSAL METAL POSTS

Universal post

Length: 1020 mm
material thickness: 2 mm
number of holes: 4
Hole: Ø10,5 mm

Dimension a	Dimension b	Dimension c	Dimension d	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: hot galvanized, for screwing on							
100 mm	100 mm	30 mm	30 mm	1	Piece	2,120	**700218**

Universal post

Post welded directly to the plate

for fixing to the cheek side of stairs, walls, etc.
Length: 1150 mm
material thickness: 2 mm
number of holes: 4
Hole: Ø10,5 mm

Dimension a	Dimension b	Dimension c	Dimension d	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: hot galvanized, for screwing on							
100 mm	100 mm	30 mm	30 mm	1	Piece	2,360	**700225**

Universal post

Post welded directly to the plate

for fixing to the cheek side of stairs, walls, etc.
Length: 1150 mm
material thickness: 2 mm
number of holes: 4
Hole: Ø10,5 mm

Dimension a	Dimension b	Dimension c	Dimension d	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: hot galvanized, for screwing on							
100 mm	100 mm	30 mm	30 mm	1	Piece	3,116	**700232**

Universal post

Post welded to the plate with 120 mm gap

for fixing to the cheek side of stairs, walls, etc.
Length: 1150 mm
material thickness: 2 mm
number of holes: 4
Hole: Ø10,5 mm

Dimension a	Dimension b	Dimension c	Dimension d	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: hot galvanized, for screwing on							
100 mm	100 mm	30 mm	30 mm	1	Piece	2,590	**700256**

UNIVERSAL METAL POSTS

Universal post

Length: 950 mm
material thickness of posts: 2 mm
material thickness of plate: 10 mm
number of holes: 2
Hole: Ø10,5 mm

Dimension a	Dimension b	Dimension c	Dimension d	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: hot galvanized, for screwing on							
200 mm	40 mm	10 mm	30 mm	1	Piece	2,340	**700300**

Post cap
for universal posts

Dimension a	Dimension b	PU	Sales unit	Pieces per sale unit	Weight per UQ (kg)	Order no. 4004338...
Material: plastic, colour: black						
30 mm	30 mm	5	Blister	4 pc.	0,032	**701956**

Fixing plate for universal posts

for fixing fence boards to 30 x 30 mm corner posts

Dimension a	Dimension b	Side length	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: hot galvanized						
30 mm	30 mm	135 mm	10	Piece	0,164	**701505**

Fixing plate for universal posts

for fixing fence boards to 30 x 30 mm posts

Dimension a	Dimension b	Side length	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: hot galvanized						
30 mm	30 mm	119 mm	10	Piece	0,285	**701536**

Handrail support
for universal posts

for fixing handrails made of wood, aluminium, etc.
for 30 x 30 mm posts
material thickness of plate: 3 mm

Dimension a	Dimension b	Dimension c	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: hot galvanized						
104 mm	30 mm	98 mm	10	Piece	0,267	**701901**

UNIVERSAL METAL POSTS

Handrail support

for universal posts
adjustable 90 - 45°

for fixing handrails made of wood, aluminium, etc.
for 30 x 30 mm posts
material thickness of plate: 3 mm

Assembly note: The support plate is movable and adjustable from 90° to 45° in order to adapt handrails to stair angles.

Dimension a	Dimension b	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: hot galvanized					
104 mm	30 mm	10	Piece	0,260	**701512**

Handrail support

Movable support

for fixing to the wall
Distance between wall and middle of support: 65 mm

Dimension a	Dimension b	Dimension c	PU	Sales unit	Pieces per sale unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: galvanized, to screw on, straight support							
Ø60 mm	60 mm	23 mm	10	Blister	1 pc.	0,240	**701888**

NOTES

SECOFIX

For more safety in your house and home

Made in Germany

Advantages

- Simple multi-purpose system for safety around the house
- Assembly easy as pie
- With safety screws

Window grating and fences to be screwed together

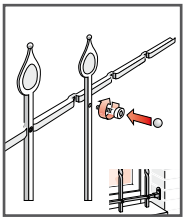
The screw-on grating system consists of longitudinal rods and diagonal crossbeams, different screws and holder sets which ensure that the grating can be installed everywhere: in the window jamb and on the wall or between wall posts. Recesses in the diagonal crossbeams and already predrilled holes make the positioning, alignment and screwing down of components an easy exercise.

To assemble window grating or a fence panel

the following materials are generally needed:
- 2 diagonal crossbeams
- longitudinal rods in the appropriate quantity
- screw sets for grating setup
- screw sets for wall mounting
- if necessary, holder sets

Paint the grating with low-carbon steel paint before installing on the wall – augments corrosion protection!

The distance of the coring holes to the window jamb should at least be 8 cm.



The lathe with the screw: *rods and diagonal crossbeams made of wrought iron are screwed to the entire window grating and fence panels*

Easy to mount: *Screwing instead of welding with pre-galvanised component parts*

Safely using special screws *which can be secured against unscrewing.*

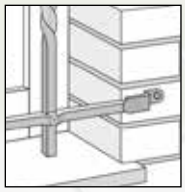
Extensive program *with many variations*

Pre-perforated components *make drilling unnecessary*

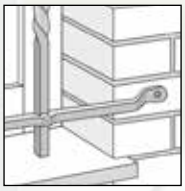
Screws, holders and posts *are available as accessories*

Stahl

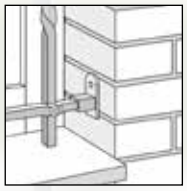
Window grating



Assembly on the wall with holder

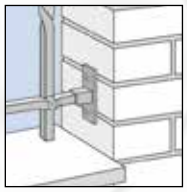


Assembly on the wall without holder



Assembly in the window jamb

Fence panels



Film

SECOFIX

Filling bar Secofix

Filling bar with forged ball top
Material: 12 x 12 mm Solid material
number of drill holes: 2 Solid material

- Screwing instead of welding
- Special screws to prevent undesired unscrew
- No need to drill due to predrilled element

Assembly note: The surfaces must be painted with wrought iron paint after assembly.
Please find our installation video on www.youtube.de/gah1852

Length	Dimension a	Dimension b	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: galvanized						
1000 mm	160 mm	90 mm	1	Piece	1,080	**523015**
1200 mm	160 mm	90 mm	1	Piece	1,310	**523022**

Filling bar Secofix

Filling bar with forged ball top
one rotation
Material: 12 x 12 mm Solid material
number of drill holes: 2 Solid material

- Screwing instead of welding
- Special screws to prevent undesired unscrew
- No need to drill due to predrilled element

Assembly note: The surfaces must be painted with wrought iron paint after assembly.
Please find our installation video on www.youtube.de/gah1852

Length	Dimension a	Dimension b	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: galvanized						
1200 mm	160 mm	90 mm	1	Piece	1,310	**523060**
1000 mm	160 mm	90 mm	1	Piece	1,080	**523053**

Filling bar Secofix

Filling bar with forged ball top
two rotations
Material: 12 x 12 mm Solid material
number of drill holes: 2 Solid material

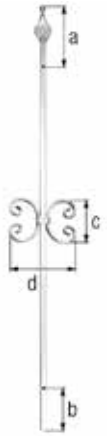
- Screwing instead of welding
- Special screws to prevent undesired unscrew
- No need to drill due to predrilled element

Assembly note: The surfaces must be painted with wrought iron paint after assembly.
Please find our installation video on www.youtube.de/gah1852

Length	Dimension a	Dimension b	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: galvanized						
1000 mm	160 mm	90 mm	1	Piece	1,085	**523084**
1200 mm	160 mm	90 mm	1	Piece	1,290	**523091**

SECOFIX

Decorative bar Secofix



Decorative bar with forged ball top and C arch
Material: 12 x 12 mm Solid material
number of drill holes: 2 Solid material

- Screwing instead of welding
- Special screws to prevent undesired unscrew
- No need to drill due to predrilled element

Assembly note: The surfaces must be painted with wrought iron paint after assembly.
Please find our installation video on www.youtube.de/gah1852

Length	Dimension a	Dimension b	Dimension c	Dimension d	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: galvanized								
1000 mm	160 mm	90 mm	120 mm	152 mm	1	Piece	1,360	**523169**
1200 mm	160 mm	90 mm	120 mm	152 mm	1	Piece	1,580	**523176**

Decorative bar Secofix

Decorative bar with forged ball top and C arch
Material: 12 x 12 mm Solid material
number of drill holes: 2 Solid material

- Screwing instead of welding
- Special screws to prevent undesired unscrew
- No need to drill due to predrilled element

Assembly note: The surfaces must be painted with wrought iron paint after assembly.
Please find our installation video on www.youtube.de/gah1852

Length	Dimension a	Dimension b	Dimension c	Dimension d	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: galvanized								
1000 mm	160 mm	90 mm	120 mm	152 mm	1	Piece	1,625	**523190**
1200 mm	160 mm	90 mm	120 mm	152 mm	1	Piece	1,851	**523206**

Traverse Secofix

for fixing to the window reveal or between walls or posts.

for building window grating or fence panels
forged decorative head
Material: 14 x 14 mm Solid material
Distance between the start of the traverse and the middle of the first decorative head: 155 mm Solid material

- Screwing instead of welding
- Special screws to prevent undesired unscrew
- No need to drill due to predrilled element

Assembly note: The surfaces must be painted with wrought iron paint after assembly.
Please find our installation video on www.youtube.de/gah1852

Accessory note: Fixing sets not included. They can be ordered separately.

Total width	for number of bars	Dimension a	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: galvanized						
830 mm	5	132 mm	1	Piece	1,290	**523305**
1110 mm	7	132 mm	1	Piece	1,640	**523312**
1380 mm	9	132 mm	1	Piece	2,080	**523329**

SECOFIX

Traverse Secofix
for fixing to the wall

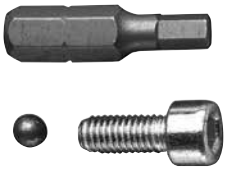
for building window grating
forged decorative head
Material: 14 x 14 mm Solid material

- Screwing instead of welding
- Special screws to prevent undesired unscrew
- No need to drill due to predrilled element

Assembly note: The surfaces must be painted with wrought iron paint after assembly. Please find our installation video on www.youtube.de/gah1852

Accessory note: Fixing sets not included. They can be ordered separately.

Total width	Distance from middle to middle of drill hole	for number of bars	Dimension a	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: galvanized							
800 mm	760 mm	5	132 mm	1	Piece	1,253	**523367**
1060 mm	1020 mm	7	132 mm	1	Piece	1,718	**523374**
1330 mm	1280 mm	9	132 mm	1	Piece	2,100	**523381**



Screw set for the installation of Secofix

- Special screws to prevent undesired unscrew

Assembly note: Please find our installation video on www.youtube.de/gah1852

Set parts: One set consists of 14 M5 x 12 mm screws, 14 balls, one hexagon bit

PU	Sales unit	Pieces per sale unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: galvanized				
1	Package	1 pc.	0,070	**554194**

Fixing set for fence panels Secofix
for fixing on walls or posts

Assembly note: Please find our installation video on www.youtube.de/gah1852

Set parts: One set consists of four holders (14 x 14 mm fixture)

PU	Sales unit	Pieces per sale unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: galvanized				
1	Package	1	0,600	**554200**

SECOFIX

Fixing set for window gratings, assembly on the wall
Shrink-wrapped

Assembly note: When mounting the window grating to the wall, the window grating must be wide enough so that the fixing drill holes are at least 80 mm from the window reveal. Otherwise the masonry may break. Please find our installation video on www.youtube.de/gah1852

Set parts: One set consists of four holders (14 x 14 mm fixture)

PU	Sales unit	Pieces per sale unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: galvanized				
1	Package	1 {Set}	0,850	**554217**

Fixing set for window gratings, assembly in the window reveal
Shrink-wrapped

Assembly note: Please find our installation video on www.youtube.de/gah1852

Set parts: One set consists of four holders (14 x 14 mm fixture)

PU	Sales unit	Pieces per sale unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: galvanized				
1	Package	1 {Set}	0,530	**554224**

WROUGHT IRON BANISTER BARS

Let your fantasy run free

Advantages

- Core range with fast-moving items

Safety and ornament

Fences, staircase and balcony railings made of wrought iron

With banister bars and decorative elements from GAH you can make staircase and balcony railings, fences and window grating as well as room dividers and many decorations really easily.

Let your fantasy run free

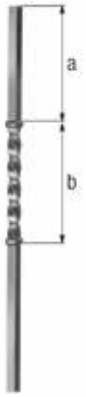
Working with wrought iron banister bars and decorative elements is simpler than you think!

All our banister bars and decorative elements made of wrought iron are manufactured as per the state of the art from high-grade raw materials. With hand-forged parts minor deviations in size and design are technically dependent and are completely normal. Raw iron parts can have light rust encrustation or rust traces. All the same, we deliver all parts in raw iron since painting would be a hindrance to further processing (e.g. a rod treated with paint could no longer be galvanised without further action).

Outdoor handrails and fences should be galvanised to protect against corrosion. Ready welded parts can have a light rust encrustation since they are pickled before the zinc plating. The galvanised material can be painted individually after surface preparation with a primer.

When applying paint without previous hot-dip galvanising, part to be treated must be free of foreign materials (oil, scaling, rust, etc.). When making staircase and balcony railings, locally applicable building regulations such as railing height, distances, filling bars, etc. must be followed.

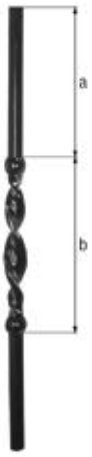
WROUGHT IRON BANISTER BARS



Starting bar

Bar extended downwards by 300 mm
smooth
one rotation
cold shaped
Length: 1200 mm
Material: 20 x 20 mm Square bar

Dimension a	Dimension b	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel					
350 mm	290 mm	1	Piece	3,810	**424282**



Starting bar

Bar extended downwards by 300 mm
smooth
one rotation
forged warm
Length: 1200 mm
Material: 20 x 20 mm Square bar

Dimension a	Dimension b	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel					
320 mm	340 mm	1	Piece	4,000	**420567**

Filling bar

smooth
one rotation
cold shaped
Length: 900 mm
Material: 12 x 12 mm Square bar

Dimension a	Dimension b	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel					
335 mm	230 mm	1	Piece	0,960	**424367**

WROUGHT IRON BANISTER BARS

Filling bar

smooth
two rotations
cold shaped
Length: 900 mm
Material: 12 x 12 mm Square bar

Dimension a	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel				
450 mm	1	Piece	0,960	**424442**

Filling bar

smooth
one rotation
forged warm
Length: 900 mm
Material: 12 x 12 mm Square bar

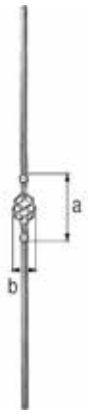
Dimension a	Dimension b	PU		Weight per UQ (kg)	Order no. 4004338...
Material: steel					
335 mm	230 mm	1	Piece	1,000	**420604**

Filling bar

smooth
two rotations
forged warm
Length: 900 mm
Material: 12 x 12 mm Square bar

Dimension a	Dimension b	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel					
450 mm	130 mm	1	Piece	1,060	**420642**

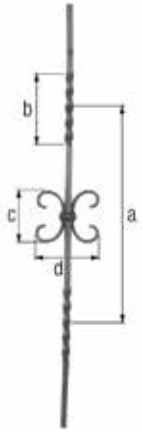
WROUGHT IRON BANISTER BARS



Decorative bar

smooth
with swirl
cold shaped
Length: 900 mm
Material: 12 x 12 mm Square bar

Dimension a	Dimension b	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel					
150 mm	50 mm	1	Piece	1,090	**440565**



Decorative bar

smooth
two rotations
with C embellishment
cold shaped
Length: 900 mm
Material: 12 x 12 mm Square bar

Dimension a	Dimension b	Dimension c	Dimension d	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel							
450 mm	130 mm	110 mm	132 mm	1	Piece	1,330	**424329**

Decorative bar

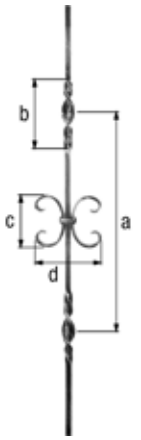
smooth
two rotations
with C embellishment
cold shaped
Length: 900 mm
Material: 12 x 12 mm Square bar

Dimension a	Dimension b	Dimension c	Dimension d	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel							
710 mm	260 mm	90 mm	130 mm	1	Piece	1,200	**440626**

WROUGHT IRON BANISTER BARS

Decorative bar

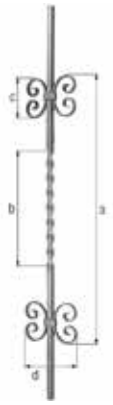
smooth
two rotations
with C embellishment
forged warm
Length: 900 mm
Material: 12 x 12 mm Square bar



Dimension a	Dimension b	Dimension c	Dimension d	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel							
450 mm	130 mm	110 mm	132 mm	1	Piece	1,290	**420727**

Decorative bar

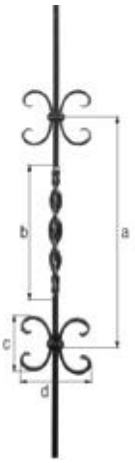
smooth
one rotation
with C embellishment
cold shaped
Length: 900 mm
Material: 12 x 12 mm Square bar



Dimension a	Dimension b	Dimension c	Dimension d	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel							
595 mm	260 mm	90 mm	130 mm	1	Piece	1,500	**440633**

Decorative bar

smooth
one rotation
with C embellishment
forged warm
Length: 900 mm
Material: 12 x 12 mm Square bar



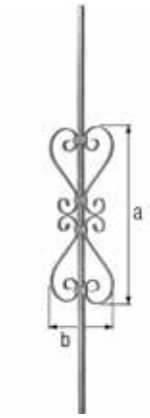
Dimension a	Dimension b	Dimension c	Dimension d	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel							
450 mm	230 mm	110 mm	132 mm	1	Piece	1,700	**420765**

WROUGHT IRON BANISTER BARS

Decorative bar

smooth
with ornament
Length: 900 mm
Material: 12 x 12 mm Square bar

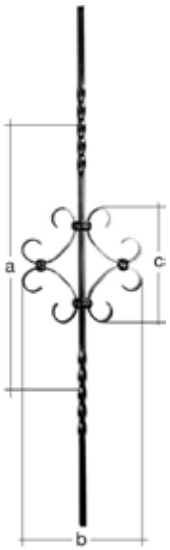
Dimension a	Dimension b	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel					
450 mm	225 mm	1	Piece	2,200	**420680**



Decorative bar

smooth
with S embellishment
Length: 900 mm
Material: 12 x 12 mm Square bar

Dimension a	Dimension b	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel					
380 mm	160 mm	1	Piece	1,800	**440619**



Decorative bar

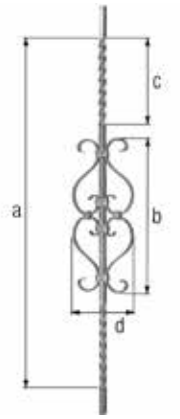
smooth
two rotations
with ornament
cold shaped
Length: 900 mm
Material: 12 x 12 mm Square bar

Dimension a	Dimension b	Dimension c	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel						
450 mm	200 mm	200 mm	1	Piece	1,510	**424244**

WROUGHT IRON BANISTER BARS

Decorative bar

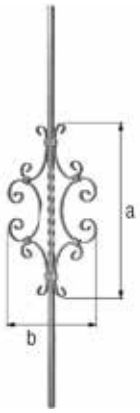
smooth
two rotations
with ornament
cold shaped
Length: 900 mm
Material: 12 x 12 mm Square bar



Dimension a	Dimension b	Dimension c	Dimension d	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel							
770 mm	330 mm	150 mm	150 mm	1	Piece	1,400	**440534**

Decorative bar

smooth
one rotation
with ornament
cold shaped
Length: 900 mm
Material: 12 x 12 mm Square bar



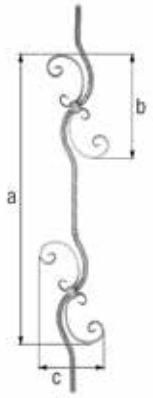
Dimension a	Dimension b	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel					
370 mm	225 mm	1	Piece	1,865	**440541**

Decorative bar

hammered edges
with ornament
cold shaped
Length: 900 mm
Material: 12 x 12 mm Square bar

Dimension a	Dimension b	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel					
270 mm	165 mm	1	Piece	1,510	**440718**

WROUGHT IRON BANISTER BARS



Decorative bar

hammered edges
with ornament
cold shaped
Length: 900 mm
Material: 12 x 12 mm Square bar

Dimension a	Dimension b	Dimension c	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel						
720 mm	270 mm	165 mm	1	Piece	1,620	**440725**

Decorative bar
with tip

smooth
Length: 1000 mm
Material: 12 x 12 mm Square bar

PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel			
1	Piece	1,091	**450823**

Filling bar

smooth
one rotation
Length: 1000 mm
Material: 12 x 12 mm Square bar

PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel			
1	Piece	1,130	**450830**

Filling bar

smooth
two rotations
Length: 1000 mm
Material: 12 x 12 mm Square bar

PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel			
1	Piece	1,130	**450847**

WROUGHT IRON BANISTER BARS

Filling bar

smooth
with two decorations
Length: 1000 mm
Material: 12 x 12 mm Square bar

PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel			
1	Piece	1,100	**450861**

Square bar

with squared perforation
wrought iron
Length: 1000 mm
Material: 12 x 12 mm Square bar
Hole: 12 x 12 mm Square bar
Distance from middle to middle of hole: 120 mm Square bar

PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel			
1	Piece	1,100	**450885**

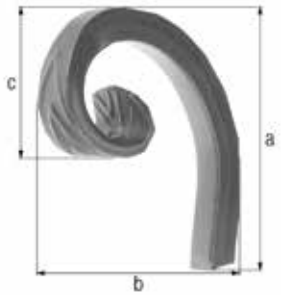
DECORATIVE ELEMENTS

Embellishment

Ends forged warm
Material: 12 x 6 mm Square bar

Set parts: One set consists of 10 pieces left and right.

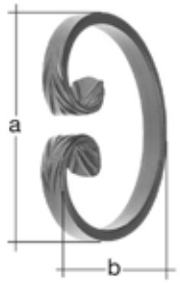
Dimension a	Dimension b	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel					
100 mm	70 mm	20	Piece	0,110	**421762**



Embellishment

Ends forged warm
Material: 12 x 12 mm Square bar

Dimension a	Dimension b	Dimension c	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel						
100 mm	65 mm	50 mm	20	Piece	0,200	**421922**



Embellishment, type C

Ends forged warm
Material: 12 x 6 mm Square bar

Dimension a	Dimension b	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel					
110 mm	95 mm	20	Piece	0,190	**422004**

Embellishment, type C

Ends forged warm
Material: 12 x 6 mm Square bar

Dimension a	Dimension b	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel					
150 mm	110 mm	10	Piece	0,290	**422165**

DECORATIVE ELEMENTS

Embellishment, type C

Ends forged warm

Dimension a	Dimension b	material thickness	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel						
93 mm	40 mm	10 x 4 mm	20	Piece	0,080	**421960**
110 mm	60 mm	12 x 6 mm	20	Piece	0,130	**422202**
150 mm	85 mm	12 x 5 mm	10	Piece	0,190	**421885**
190 mm	95 mm	12 x 5 mm	10	Piece	0,240	**421809**

Embellishment, type C

Ends forged warm

Material: 12 x 6 mm Square bar

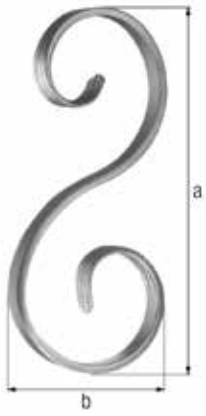
Dimension a	Dimension b	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel					
120 mm	75 mm	1	Piece	0,150	**450915**
150 mm	75 mm	1	Piece	0,200	**450922**

Embellishment, type S

Ends forged warm

Material: 12 x 5 mm Square bar

Dimension a	Dimension b	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel					
155 mm	72 mm	10	Piece	0,200	**422042**



DECORATIVE ELEMENTS

Embellishment, type S

Ends forged warm

Material: 12 x 6 mm Square bar

Dimension a	Dimension b	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel					
270 mm	110 mm	10	Piece	0,320	**422240**

Embellishment, type S

cold shaped

Ends forged warm

Material: 8 x 8 mm Square bar

Dimension a	Dimension b	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel					
200 mm	100 mm	10	Piece	0,220	**421441**
250 mm	125 mm	10	Piece	0,260	**421489**

Embellishment, type S

Ends forged warm

Material: 12 x 6 mm Square bar

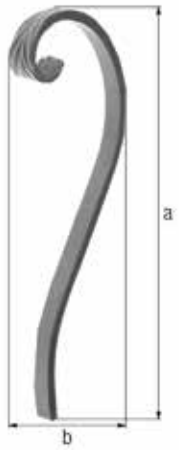
Dimension a	Dimension b	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel					
270 mm	110 mm	1	Piece	0,330	**450939**

DECORATIVE ELEMENTS

Embellishment

Ends forged warm
Material: 12 x 6 mm Square bar

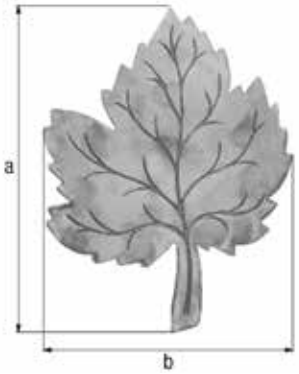
Dimension a	Dimension b	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel					
220 mm	65 mm	10	Piece	0,175	**422288**



Decorative element vine leaf

material thickness: 0,5 mm

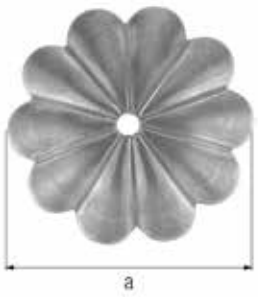
Dimension a	Dimension b	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel					
100 mm	80 mm	10	Piece	0,035	**423483**



Decorative rosette

material thickness: 5 mm

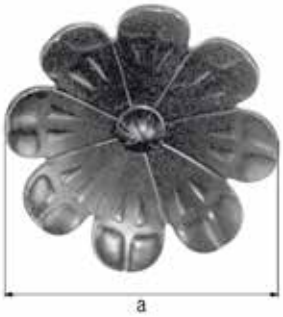
Dimension a	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel				
77 mm	10	Piece	0,095	**423360**
92 mm	10	Piece	0,152	**423322**



Decorative rosette

with rivet
material thickness: 3 mm

Dimension a	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel				
70 mm	5	Piece	0,084	**422721**

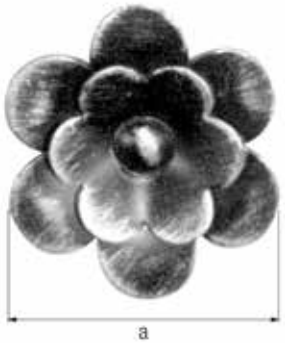


DECORATIVE ELEMENTS

Decorative rosette

material thickness: 2,5 mm

Dimension a	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel				
90 mm	10	Piece	0,087	**422684**



Decorative rosette

with rivet

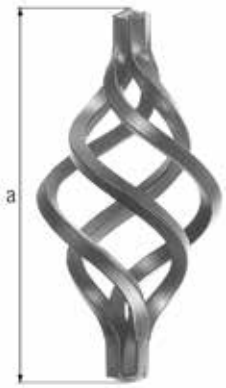
material thickness: 1,5 mm

Dimension a	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel				
60 mm	10	Piece	0,042	**422806**

Decorative element flower

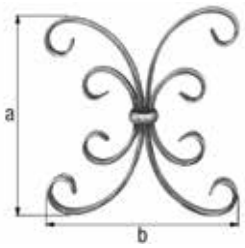
material thickness: 0,5 mm

Dimension a	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel				
60 mm	5	Piece	0,040	**421724**



Decorative element swirl

Dimension a	material thickness	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel					
134 mm	6 x 6 mm	10	Piece	0,187	**422448**



Ornament Argentina

This article is hand made; minute differences in size may therefore occur

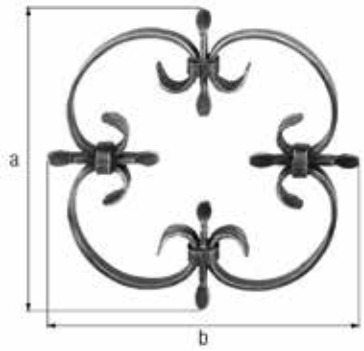
Material: 12 x 6 mm Square bar

Dimension a	Dimension b	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel					
255 mm	245 mm	1	Piece	0,930	**424732**

DECORATIVE ELEMENTS

Ornament Brazil

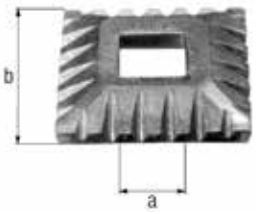
This article is hand made; minute differences in size may therefore occur
Material: 12 x 5 mm Square bar



Dimension a	Dimension b	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel					
255 mm	255 mm	1	Piece	0,810	**424770**

Cover rosette

hammered edges



Dimension a	Dimension b	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel					
50 mm	12 mm	10	Piece	0,106	**422882**
70 mm	20 mm	10	Piece	0,275	**422929**

Cover rosette

hammered edges

Dimension a	Dimension b	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel					
50 mm	20 mm	1	Piece	0,110	**450960**

Collar

for connecting decorative elements

for two 12 x 6 mm decorative elements
Material: 16 x 5 mm

Dimension a	Dimension b	PU	Sales unit	Pieces per sale unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel						
25 mm	23 mm	5	Blister	10 pc.	0,273	**422578**

Collar

for connecting decorative elements

for a 12 x 12 mm bar and two 12 x 6 mm decorative elements
Material: 16 x 5 mm

Dimension a	Dimension b	PU	Sales unit	Pieces per sale unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel						
32 mm	35 mm	5	Blister	10 pc.	0,403	**422615**

DECORATIVE ELEMENTS

Ring

Diameter: 100 mm

Material: 12 x 6 mm Square bar

PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel			
1	Piece	0,165	**450946**

DECORATIVE FINALS

Decorative element final

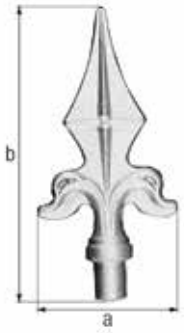
forged warm

Dimension a		Lug	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel						
70 mm	155 mm	Ø16 mm	1	Piece	0,370	**421649**

Decorative element final

forged warm

Dimension a	Dimension b	Lug	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel						
60 mm	132 mm	Ø12 mm	1	Piece	0,184	**441166**



Decorative element final

forged warm

Lug: 12 x 12 mm

Dimension a	Dimension b	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel					
55 mm	185 mm	1	Piece	0,240	**450977**
45 mm	165 mm	1	Piece	0,260	**450984**

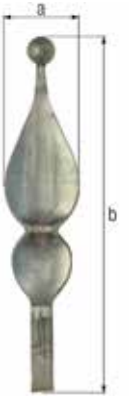
Decorative element final

with ball

forged warm

Lug: 12 x 12 mm

Dimension a	Dimension b	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel					
45 mm	220 mm	1	Piece	0,180	**450991**



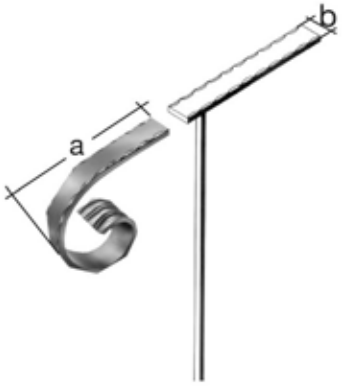
HANDRAILS

Handrail profile
wrought iron
hammered edges

Length	Dimension a	Dimension b	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel						
2000 mm	25 mm	8 mm	1	Piece	3,150	**424541**
3000 mm	25 mm	8 mm	1	Piece	4,700	**441036**
2000 mm	40 mm	8 mm	1	Piece	5,000	**424664**
3000 mm	40 mm	8 mm	1	Piece	7,500	**424640**

Handrail profile
wrought iron
cross hammered
Length: 2000 mm

Dimension a	Dimension b	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel					
40 mm	8 mm	1	Piece	5,000	**424589**



Handrail start
short form
wrought iron
hammered edges
Material: 40 x 8 mm Flat iron

Dimension a	Dimension b	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel					
300 mm	40 mm	1	Piece	1,230	**423681**

Handrail start
long form
wrought iron
hammered edges
Material: 40 x 8 mm Flat iron

Dimension a	Dimension b	Dimension c	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel						
840 mm	260 mm	40 mm	1	Piece	2,530	**423162**

HANDRAILS

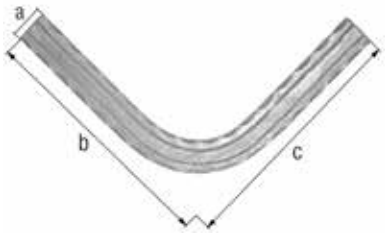
Handrail curve
wrought iron
smooth
material thickness: 8 mm
Radius: 150 mm

Dimension a	Dimension b	Dimension c	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel						
40 mm	400 mm	400 mm	1	Piece	1,790	**423049**

Handrail curve
wrought iron
hammered edges
material thickness: 8 mm
Radius: 150 mm

Dimension a	Dimension b	Dimension c	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel						
40 mm	400 mm	400 mm	1	Piece	1,690	**423087**

Handrail curve
wrought iron
hammered edges
with two grooves
material thickness: 8 mm

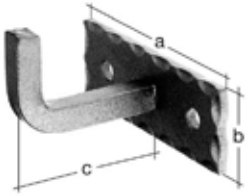


Dimension a	Dimension b	Dimension c	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel						
40 mm	300 mm	300 mm	1	Piece	1,200	**440978**

Bottom flange
as lower finishing profile in banister construction
smooth
Length: 2000 mm

Dimension a	Dimension b	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel					
40 mm	8 mm	1	Piece	5,000	**424701**

Handrail support
for fixing to the wall
material thickness of plate: 5 mm
Handrail connection: 12 x 12 mm



Dimension a	Dimension b	Dimension c	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: galvanized, coloured black, to screw on						
110 mm	40 mm	78 mm	5	Piece	0,290	**423001**

HANDRAILS

Handrail support

hammered edges
for fixing to the wall
Handrail connection: 12 x 12 mm

Dimension a	Dimension b	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, to screw on					
100 mm	25 mm	1	Piece	0,300	**451004**

Handrail
wrought iron
in standard sizes

hammered edges
Welded-on handrail supports
The ends are forged warm on both sides
Material: 40 x 8 mm Flat iron
Distance from wall: 50 mm Flat iron
Plate: Ø90 mm Flat iron
Hole: Ø10 mm Flat iron
Distance from middle to middle fixing hole: 68 mm Flat iron

Length	number of supports	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: hot galvanized					
800 mm	2	1	Piece	3,760	**440022**
1000 mm	2	1	Piece	4,700	**440039**
1200 mm	2	1	Piece	5,600	**440046**
1500 mm	2	1	Piece	6,000	**440053**
2000 mm	3	1	Piece	7,400	**440060**

Handrail
Steel tube
in standard sizes

Welded-on handrail supports
Curved, welded tube end
Material: Ø42 mm
Distance from wall: 50 mm

Length	number of supports	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: hot galvanized					
800 mm	2	1	Piece	1,995	**440121**
1000 mm	2	1	Piece	2,430	**440138**
1200 mm	2	1	Piece	2,880	**440145**
1500 mm	2	1	Piece	3,360	**440152**
2000 mm	3	1	Piece	4,600	**440169**
Material: stainless steel					
800 mm	2	1	Piece	2,740	**440299**

NOTES

WINDOW GRATING

www.fenstergitterrechner.de

With the GAH window grating calculator you can determine design and functionality of your window grating. From our extensive catalog select the designated model and place it in an image of your house facade that you have previously uploaded.

This will allow you to know exactly what brings not only more safety but also matches your house well.

As a result you then get an extensive purchasing list and a detailed installation instruction. And now onwards to more security!

Stahl

Matching grating
Individually cut to the required size

Width adjustable grating
Infinitely adjustable in terms of width

Window grating in special dimensions
Fabrication based on your dimensional data

www.fenstergitterrechner.de

GRATING ORDER EASILY DONE

Assembly tips

So that our window grating can fill you with enthusiasm, please take note of the following tips.

The most important dimensions when ordering your window grating are the so-called jamb size. It consists of jamb width and jamb height.

What is a jamb?
A jamb is the bricked cavity into which the window is inserted.

The following types of installation are distinguished:

- **assembly on the wall**
- **assembly in the jamb**

Assembly on the exterior wall

The window grating is attached to the exterior wall using four holders. These holders are rigidly connected to the frame. To prevent the masonry from breaking apart, the distance from the jamb edge to the the window holder must be 8 cm. This is reached when your window grating extends to the right and left by 8 cm above the jamb (see sketch). In the bottom the window grating should be installed to be „lightly floating“ above the window ledge (see sketch) so that easy cleaning is possible thereafter.

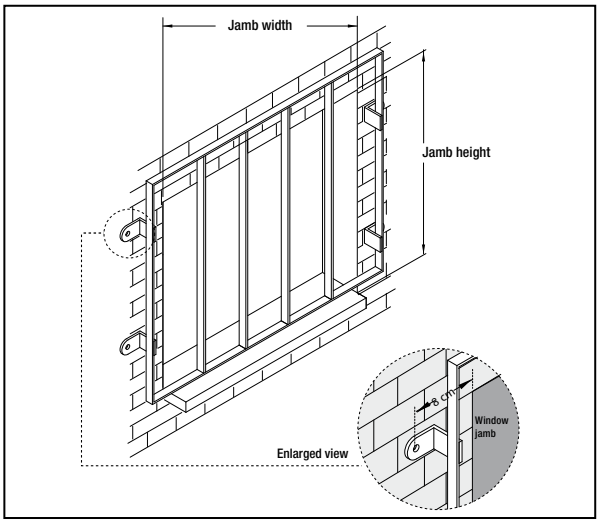
Assembly in the jamb

When the window grating is correctly assembled in the jamb, an approximately 2 cm wide gap appears around the window grating. The window grating is therefore installed as if „floating“ (see sketch). For this purpose, the delivery kit includes a total of four 2 cm long spacer sleeves (exception: matching grating and width-adjustable grating). This can balance out uneven surfaces in the jamb. The window grating itself is ALWAYS somewhat smaller than the jamb size that you measured.

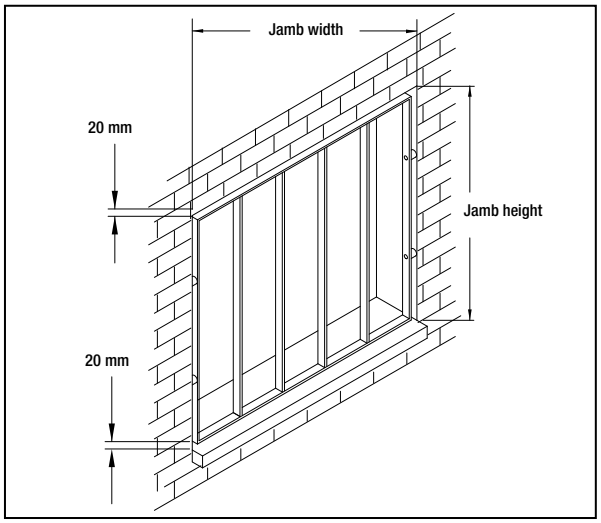
Information about the calculation of window grating size

Window gratings with special dimensions
Please note that in individual productions we calculate the actual window grating size using the jamb height and jamb width that you measured. Therefore, in individual productions please NEVER give the desired window grating size but rather the jamb height and jamb width.

In standard window gratings
In window gratings from our standard line, select your matching window grating according to the measured jamb width and jamb height. Please note that the same tips apply to the calculation of window gratings with basket rods as those used for window gratings with straight rods. The same also applies to our window gratings with other designs.



Assembly
on the exterior wall



Assembly
in the jamb

WROUGHT IRON WINDOW GRATINGS

The decorative bars offer space for flower boxes

Window grating Granada

for fixing to the wall

Traverse with forged decorative knob and fixing end
Traverse: 14 x 14 mm Solid material
Filling bar: 12 x 12 mm Solid material
Total width: 790 mm Solid material
Total height: 1040 mm Solid material

Assembly note: When mounting the window grating to the wall, the window grating must be wide enough so that the fixing drill holes are at least 80 mm from the window reveal. Otherwise the masonry may break.

Accessory note: Four safety screws and plugs included.
Decorative crown included.

PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: hot galvanized			
1	Piece	9,930	**553456**

Window grating Aragon

in special dimensions
for fixing in window reveal or on the wall

Customized dimensions available
Please list the reveal width and the reveal height as dimensions
Price upon request, minimum calculation 1 m²
Material: 12 x 6 mm Flat iron
rhombus dimensions: 300 x 200 mm Flat iron

Assembly note: When mounting the window grating to the wall, the window grating must be wide enough so that the fixing drill holes are at least 80 mm from the window reveal. Otherwise the masonry may break.

Accessory note: Four safety screws and plugs included.
For fixing in the window reveal, four spacer sleeves are supplied.

Width	Height	Frame size	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: hot galvanized						
≤ 1500 mm	≤ 1500 mm	20x8 mm	1	Piece	0,000	**553470**
≥ 1501 mm	≥ 1501 mm	30x20 mm	1	Piece	0,000	**560980**

Window grating Toledo

in special dimensions
for fixing in window reveal or on the wall

Customized dimensions available
Please list the reveal width and the reveal height as dimensions
Price upon request, minimum calculation 1 m²
Material: 12 x 5 mm Flat iron
rhombus dimensions: 225 x 135 mm Flat iron

Assembly note: When mounting the window grating to the wall, the window grating must be wide enough so that the fixing drill holes are at least 80 mm from the window reveal. Otherwise the masonry may break.

Accessory note: Four safety screws and plugs included.
For fixing in the window reveal, four spacer sleeves are supplied.

Width	Height	Frame size	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: hot galvanized						
≤ 1500 mm	≤ 1500 mm	20x8 mm	1	Piece	0,000	**553494**
≥ 1501 mm	≥ 1501 mm	30x20 mm	1	Piece	0,000	**560997**

WROUGHT IRON WINDOW GRATINGS

Window grating Billy

in special dimensions
for fixing in window reveal or on the wall

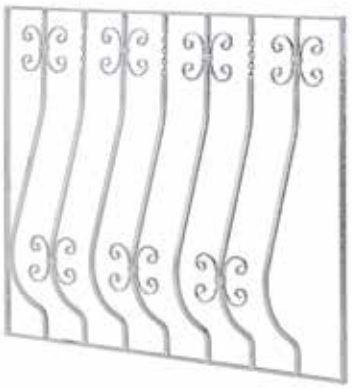
Customized dimensions available
Please list the reveal width and the reveal height as dimensions
Price upon request, minimum calculation 1 m²
Filling with ornament
Material: 12 x 12 mm Square bar

Assembly note: When mounting the window grating to the wall, the window grating must be wide enough so that the fixing drill holes are at least 80 mm from the window reveal. Otherwise the masonry may break.

Accessory note: Four safety screws and plugs included.
For fixing in the window reveal, four spacer sleeves are supplied.

Width	Height	Frame size	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: hot galvanized						
≤ 1500 mm	≤ 1500 mm	20x8 mm	1	Piece	0,000	**560942**
≥ 1501 mm	≥ 1501 mm	30x20 mm	1	Piece	0,000	**561079**

Window grating Clyde



in special dimensions
for fixing in window reveal or on the wall

Customized dimensions available
Please list the reveal width and the reveal height as dimensions
Price upon request, minimum calculation 1 m²
Filling with ornament
Material: 12 x 12 mm Square bar

Assembly note: When mounting the window grating to the wall, the window grating must be wide enough so that the fixing drill holes are at least 80 mm from the window reveal. Otherwise the masonry may break.

Accessory note: Four safety screws and plugs included.
For fixing in the window reveal, four spacer sleeves are supplied.

Width	Height	Frame size	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: hot galvanized						
≤ 1500 mm	≤ 1500 mm	20x8 mm	1	Piece	0,000	**553517**
≥ 1501 mm	≥ 1501 mm	30x20 mm	1	Piece	0,000	**561017**

WROUGHT IRON WINDOW GRATINGS

Window grating Charly

in special dimensions
for fixing in window reveal or on the wall

Customized dimensions available
Please list the reveal width and the reveal height as dimensions
Price upon request, minimum calculation 1 m²
Filling with ornament
Material: 12 x 12 mm Square bar

Assembly note: When mounting the window grating to the wall, the window grating must be wide enough so that the fixing drill holes are at least 80 mm from the window reveal. Otherwise the masonry may break.

Accessory note: Four safety screws and plugs included.
For fixing in the window reveal, four spacer sleeves are supplied.

Width	Height	Frame size	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: hot galvanized						
≤ 1500 mm	≤ 1500 mm	20x8 mm	1	Piece	0,000	**553524**
≥ 1501 mm	≥ 1501 mm	30x20 mm	1	Piece	0,000	**561024**

Window grating Nimbus

in special dimensions
for fixing in window reveal or on the wall

Customized dimensions available
Please list the reveal width and the reveal height as dimensions
Price upon request, minimum calculation 1 m²
Filling with ornament
Material: 12 x 12 mm Square bar

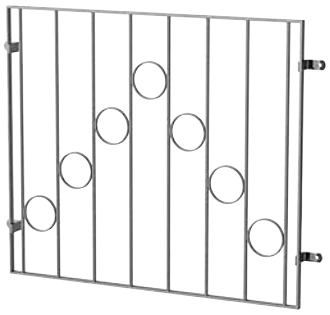
Assembly note: When mounting the window grating to the wall, the window grating must be wide enough so that the fixing drill holes are at least 80 mm from the window reveal. Otherwise the masonry may break.

Accessory note: Four safety screws and plugs included.
For fixing in the window reveal, four spacer sleeves are supplied.

Width	Height	Frame size	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: hot galvanized						
≤ 1500 mm	≤ 1500 mm	20x8 mm	1	Piece	0,000	**553531**
≥ 1501 mm	≥ 1501 mm	30x20 mm	1	Piece	0,000	**561031**

WROUGHT IRON WINDOW GRATINGS

Window grating Vivian



in special dimensions
for fixing in window reveal or on the wall

Customized dimensions available
Please list the reveal width and the reveal height as dimensions
Price upon request, minimum calculation 1 m²
Material: Ø12 mm Round bar
Ornamental ring: Ø120 mm Solid material

Assembly note: When mounting the window grating to the wall, the window grating must be wide enough so that the fixing drill holes are at least 80 mm from the window reveal. Otherwise the masonry may break.

Accessory note: Four safety screws and plugs included.
For fixing in the window reveal, four spacer sleeves are supplied.

Width	Height	Frame size	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: hot galvanized						
≤ 1500 mm	≤ 1500 mm	20x8 mm	1	Piece	0,000	**560034**
≥ 1501 mm	≥ 1501 mm	30x20 mm	1	Piece	0,000	**561185**

Window grating Jerry

in special dimensions
for fixing in window reveal or on the wall

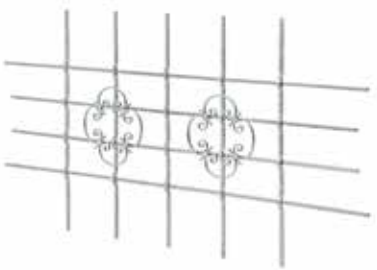
Customized dimensions available
Please list the reveal width and the reveal height as dimensions
Price upon request, minimum calculation 1 m²
Material: Ø12 mm Round bar
Ornamental ring: Ø120 mm Solid material
Frame size: 30 x 20 mm Square profile

Assembly note: When mounting the window grating to the wall, the window grating must be wide enough so that the fixing drill holes are at least 80 mm from the window reveal. Otherwise the masonry may break.

Accessory note: Four safety screws and plugs included.
For fixing in the window reveal, four spacer sleeves are supplied.

PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: hot galvanized			
1	Piece	0,000	**560959**

Window grating Salzburg, can be shortened individually



Filling with ornament
Material: 12 x 12 mm Solid material

Assembly note: We recommend the fixing set for window gratings n° 554361 for the assembly in the window reveal. The bars can be shortened as desired.

Accessory note: Fixing sets not included. They can be ordered separately.

Width	Height	can be shortened to	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: hot galvanized						
1140 mm	690 mm	590 x 390 mm	1	Piece	7,000	**553548**
1680 mm	840 mm	1090 x 510 mm	1	Piece	14,700	**553555**

WIDTH ADJUSTABLE GRATINGS

Window grating Amsterdam

for fixing in window reveal
with decorative elements

extendable
Double-guided transverse bars
material thickness: 3 mm Angle steel

Assembly note: Width adjustable grating can be individually adjusted to any width. Treatment with wrought iron paint protects against corrosions.

Accessory note: Four safety screws and plugs included.

Height	number of transverse bars	Min. width	Max. width	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, Surface: blue galvanized							
300 mm	2	500 mm	650 mm	1	Piece	3,040	**553586**
300 mm	2	700 mm	1050 mm	1	Piece	3,675	**553593**
300 mm	2	1000 mm	1500 mm	1	Piece	4,785	**553609**
450 mm	3	500 mm	650 mm	1	Piece	4,570	**553616**
450 mm	3	700 mm	1050 mm	1	Piece	5,565	**553623**
450 mm	3	1000 mm	1500 mm	1	Piece	7,255	**553630**
600 mm	4	500 mm	650 mm	1	Piece	5,995	**553647**
600 mm	4	700 mm	1050 mm	1	Piece	7,605	**553654**
600 mm	4	1000 mm	1500 mm	1	Piece	9,710	**553661**

Window grating Venlo

for fixing in window reveal
without decorative elements

extendable
Double-guided transverse bars
material thickness: 3 mm Angle steel

Assembly note: Width adjustable grating can be individually adjusted to any width. Treatment with wrought iron paint protects against corrosions.

Accessory note: Four safety screws and plugs included.

Height	number of transverse bars	Min. width	Max. width	PU	Sales unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, Surface: blue galvanized							
300 mm	2	500 mm	650 mm	1	Piece	2,835	**553678**
300 mm	2	700 mm	1050 mm	1	Piece	3,585	**553685**
450 mm	3	500 mm	650 mm	1	Piece	4,210	**553692**
450 mm	3	700 mm	1050 mm	1	Piece	5,255	**553708**

GRATING SECURING DEVICES

Grating securing device

Threaded pin and wing nut made of stainless steel
with two hot dip galvanized cover plates touching the grid
Material: 20 x 2,8 mm Flat iron
Length: 370 mm Flat iron

- High degree of safety due to broad contact surface.

Accessory note: Mounting hardware included.

PU	Sales unit	Pieces per sale unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: galvanized				
3	Blister	2 pc.	0,685	**901646**

Grating securing device

Material: 20 x 2,8 mm Flat iron
Length: 300 mm Flat iron

Accessory note: Ring screw and plugs included.

PU	Sales unit	Pieces per sale unit	Weight per UQ (kg)	Order no. 4004338...
Material: steel, surface: galvanized				
5	Blister	2 pc.	0,382	**901622**

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We reserve the title to minor dimensional changes, without prior notification, all errors excepted.

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