



# THE FASTEST SUPPORT!

Fastening and supporting

[www.don-quichotte.com](http://www.don-quichotte.com)

  
Don Quichotte®





Professional craftspeople are expected to react quickly and flexibly. We offer you a wide range of appropriate high-quality products, which are narrowed down to four categories:

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Hardware

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Electrical installation

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Sanitary installation

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Building, e.g. drywall construction

Professional craftspeople are expected to react quickly and flexibly. We offer you a wide range of appropriate high-quality products, which are narrowed down to four categories:

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1. Fastening and supporting

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2. Connecting and distributing

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3. Laying and routing

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4. Preventing and protecting

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### **1 Fastening and supporting** 15

Nails and screws, dowels and anchors, cable ties and accessories, mounting strips, knotted chains, tools

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## Super craftsmen - Not all heroes wear capes

Do you know the story of Don Quichotte? The main character in the novel written by the Spanish author Miguel de Cervantes is anything but a noble hero. Again and again, Don Quichotte encounters remarkable situations, like his famous fights against the windmills. However, his passion for chivalry and his pursuit of doing the right thing, makes him our everyday hero. To those who live their own ideals with dedication. Just as we do everyday. With us, you can become a hero too! With Don Quichotte your strong, reliable trade brand

Founded in 1921, today we are a world market leader in hardened steel nails.

We are convinced that even the most plain products have to be made with a maximum of passion, precision and idealism to be suitable for real craftsmen. Because a nail isn't just a nail, and a dowel isn't just a dowel!

We always develop our products with the latest innovations to ensure maximum quality, safety and reliability. This guarantees everything keeps running smooth on construction sites all over the world. Each and every craftsman using our products instantly becomes an everyday hero.

Super craftsmen - Not all heroes wear capes





Befestigen und Halten 2020 / en / 2021/04/14 08:50:50 (LLExport\_04735) / 2021/04/14 08:51:00



*Don Quichotte - an everyday hero living with dedication and his own ideals*

*Super craftsmen use Don Quichotte fixings*



## You can rely on it!

Professional work requires professional products. Our concept: Quality, additional benefits, fair price. This ensures both quick, user-friendly mounting and maximum economy. You can rely on it!



## 1. QUALITY

Don Quichotte products stand for the highest level of reliability. The quality necessary for this is created using state-of-the-art production systems and conscientious quality control.



## 2. ELABORATE PRODUCTS

With over 90 years of experience in the industry, our users can benefit from innovative products with added value.



## 3. TIME SAVINGS

Time is money! The high quality and easy fixing products allow effective, rapid work and therefore ensure the highest level of economy.



## 4. PROFITABILITY

Don Quichotte offers you the best quality at a fair price.



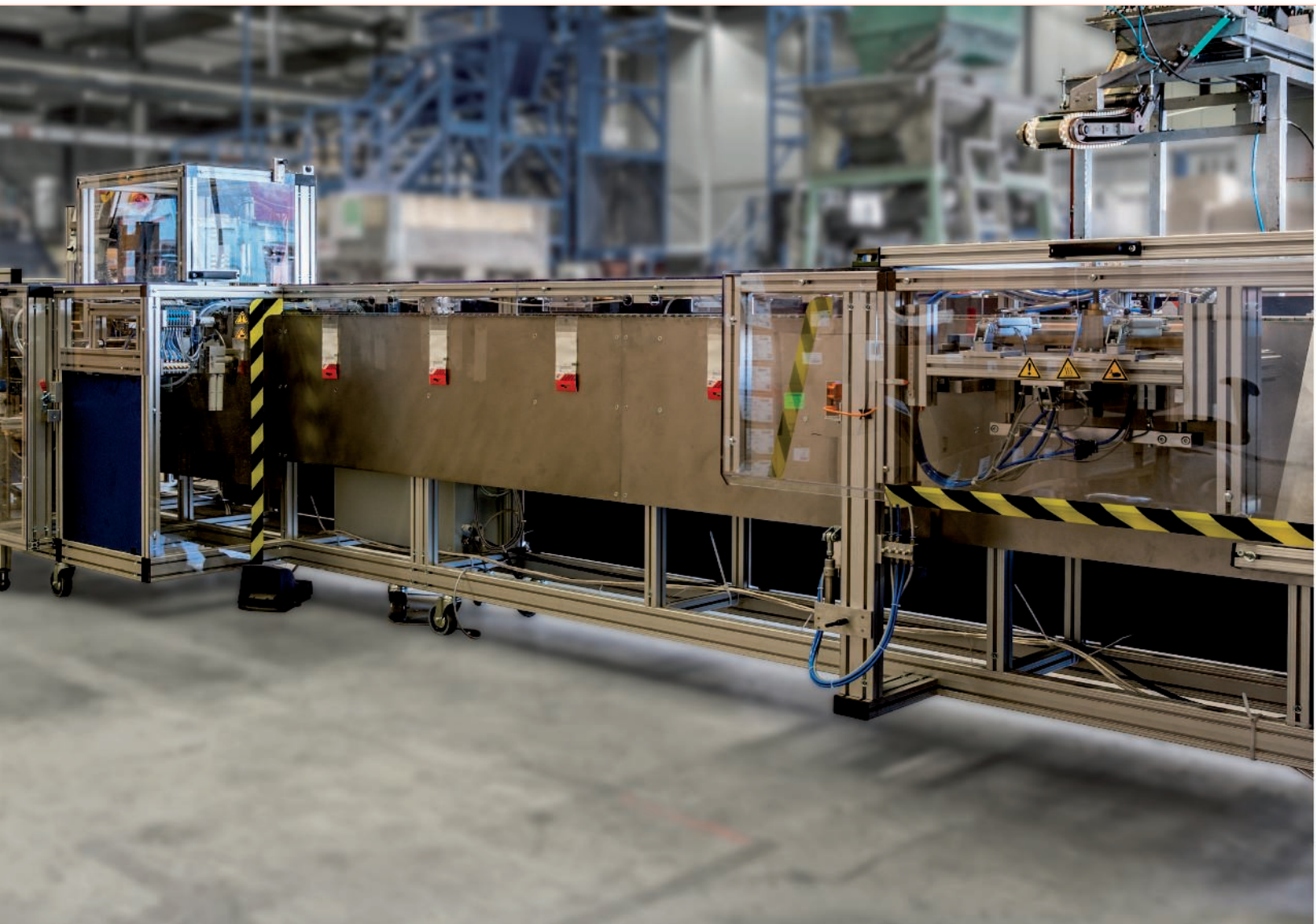
## 5. SERVICE

Short-term availability and direct order processing mean that we are able to help you as a strong, reliable and competent partner.









## individual - flexible - fast

With our new Plug & Pack bag machine new standards are set. Everything is done by one machine only. From labelling, up to filling and sealing of the bags. The packing of our products can now be done internally, - simple, fast and flexible. There are seven different bag sizes to choose from. Smaller product quantities can now be packed easily and the products are visible. The reinforced headers of the bags enable a perfect presentation of the product on its "Point of Sale" We do not stop, but evolve steadily.





## Over 90 years of manufacturing competence

Fastening and installation systems for everyday work. High-quality, quick, time-saving mounting. Those are the hallmarks of the Don Quichotte brand.

Over 90 years of manufacturing experience, an excellent knowledge of the industry and rapid order processing make Don Quichotte your strong, reliable brand.





Production in Helmond, The Netherlands

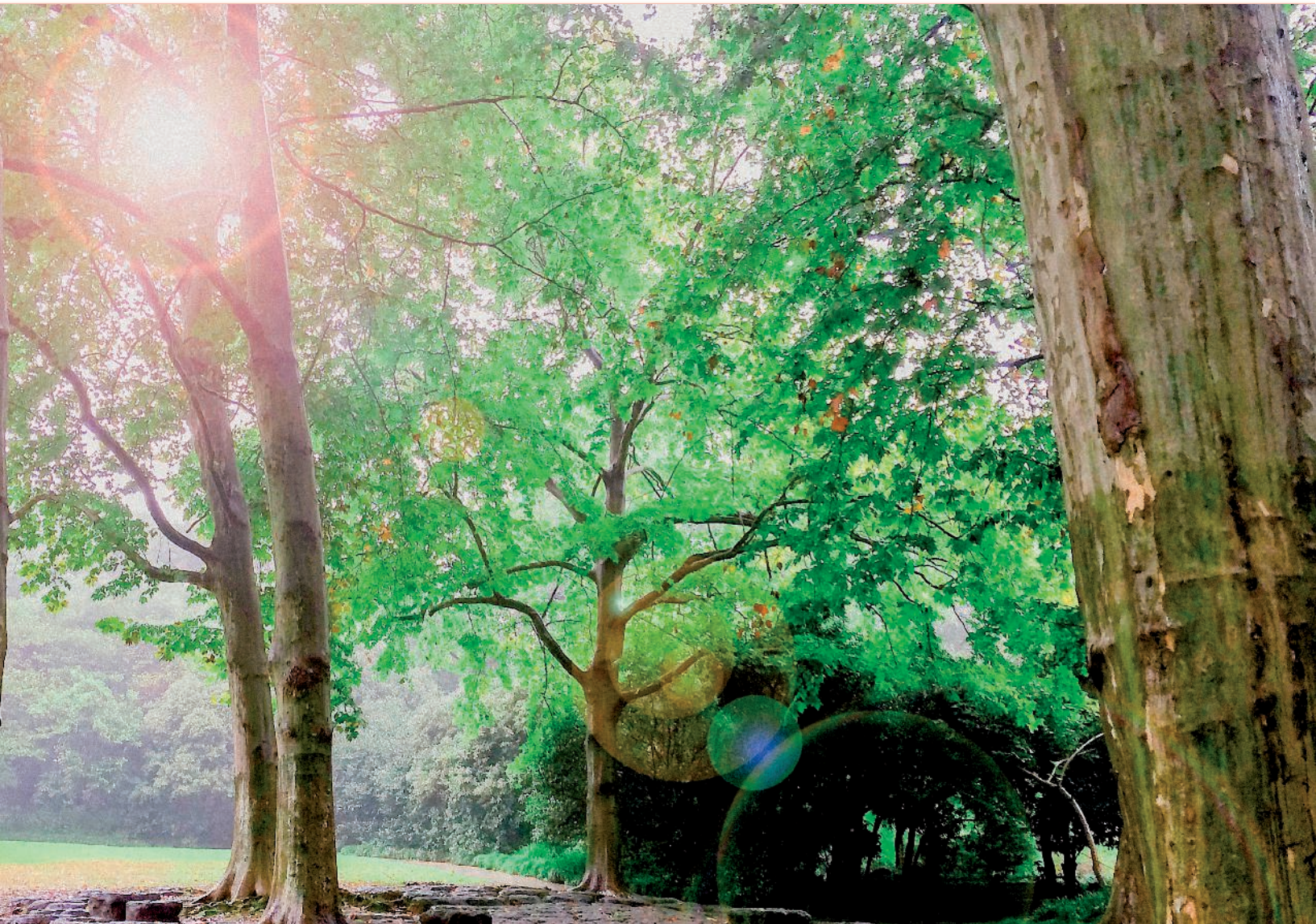


*In house tool production*



*High bay warehouse*





## Sustainability at Don Quichotte

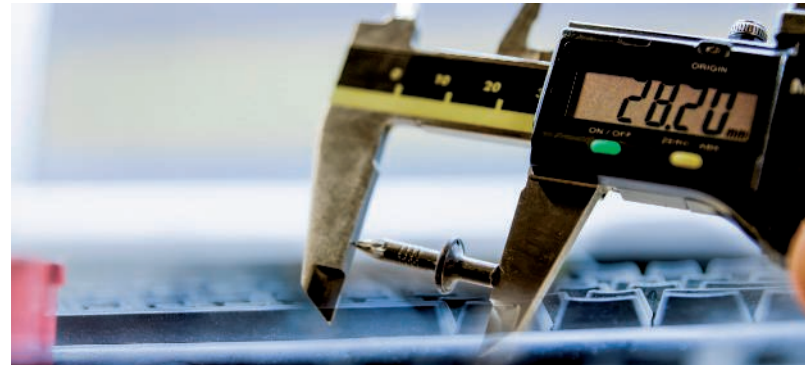
### Our responsibility

We at Don Quichotte like to live on this earth - and we want it to stay with us for as long as possible. That is why we consider sustainable business to be particularly important. Our corporate success should not be at the expense of nature or man. Instead, we want to generate our profits in an environmentally and socially responsible way. Because we do not only see quick successes, but long-term perspectives - for our company, our employees and our environment.

### For our environment

At Don Quichotte, we systematically work to improve our environmental management. By complying with the ISO 14001 environmental certificate, we are committed to continuously improving the environmental performance of our company and avoiding environmental pollution. This includes, for example, improving our professional recycling management and reducing waste wherever possible. Professional and efficient work makes sense on all levels. Only this results in quality products and satisfied customers. The quality certificate ISO 9001 proves that we optimize our processes sustainably, in order to deliver the best results in the end.





08-51:05

#### For our employees

Our employees are our highest asset. Taking care that they feel comfortable with us, is found natural! In accordance with OHSAS 18001 health and safety certification, we ensure the best possible working conditions and a safe working environment. In addition, we support our employees in many health issues, for example, take over 50% of the cost of sports programs and promote the use of physiotherapy and osteopathy.

#### For our fellow human beings

If our company, our colleagues and our environment are doing well, are we all doing well? At Don Quichotte, we also look beyond our own world! We regularly support social projects and clubs in our area. For example, our long-term cooperation with the social supermarket "Super Social" helps people in need to find cheap and useful shopping opportunities.



A man with a beard is looking through a metal barrier at another man. The man with the beard is in the foreground, looking towards the other man who is in the background. The barrier is made of metal and has a red pin or fastener visible. The background is slightly blurred.

**THE FASTEST  
SUPPORT!**





# 1 Fastening and supporting

Nail and screw	16
Plug and anchor	40
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# Steel nail

## CHARACTERISTICS:

- Manufactured from special high carbon steel
- Hardened and annealed on modern, fully automatic furnaces
- Corrosion protection: Bright zinc plated or mechanical zinc plated
- High hardness with extremely high flexibility to ensure absolute safety



## Steel nail, black, smooth, round head (KS004) pcs.

To fasten hardwood or softwood in concrete or stone.

Steel, Hardened      Bright

Type	Nail diameter mm	Nail length mm	Head Ø mm	Contents PU pcs	Weight kg/PU	Shipping box PU	Item No.
KS004 2,0*16	2.00	16.00	4.00	100	0,04	200	930 48 8
KS004 2,0*20	2.00	20.00	4.00	100	0,05	200	930 49 6
KS004 2,0*23	2.00	23.00	4.00	100	0,06	200	930 25 0
KS004 2,0*25	2.00	25.00	4.00	100	0,06	200	930 50 9
KS004 2,0*30	2.00	30.00	4.00	100	0,07	200	930 51 7
KS004 2,0*35	2.00	35.00	4.00	100	0,08	200	930 52 5
KS004 2,0*40	2.00	40.00	4.00	100	0,10	120	930 53 3
KS004 2,0*60	2.00	60.00	4.00	100	0,14	50	973 91 2
KS004 2,5*25	2.50	25.00	5.00	100	0,10	200	930 54 1
KS004 2,5*30	2.50	30.00	5.00	100	0,11	200	930 56 8
KS004 2,5*40	2.50	40.00	5.00	100	0,15	120	930 58 4
KS004 2,5*50	2.50	50.00	5.00	100	0,19	80	930 60 5
KS004 2,5*60	2.50	60.00	5.00	100	0,23	50	930 61 3
KS004 3,0*30	3.00	30.00	6.00	100	0,16	200	930 64 8
KS004 3,0*40	3.00	40.00	6.00	100	0,22	120	930 66 4
KS004 3,0*50	3.00	50.00	6.00	100	0,27	80	930 68 0
KS004 3,0*60	3.00	60.00	6.00	100	0,32	70	930 69 9
KS004 3,0*70	3.00	70.00	6.00	100	0,38	70	986 76 4
KS004 3,4*50	3.40	50.00	6.80	100	0,36	70	986 67 6
KS004 3,4*60	3.40	60.00	6.80	100	0,45	70	986 64 1
KS004 3,4*70	3.40	70.00	6.80	100	0,52	70	986 60 9
KS004 3,4*80	3.40	80.00	6.80	100	0,60	70	986 58 8
KS004 4,2*70	4.20	70.00	8.00	100	0,69	40	937 89 0
KS004 4,2*80	4.20	80.00	8.00	100	0,81	40	987 09 7
KS004 4,2*100	4.20	100.00	8.00	100	1,01	40	987 05 4



## Steel nail, black, smooth, round head (KS004) 1kg

To fasten hardwood or softwood in concrete or stone.

Steel, Hardened Bright

Type	Nail diameter mm	Nail length mm	Head Ø mm	Contents PU pcs	Weight kg/PU	Shipping box PU	Item No.
KS004 2,0*16	2.00	16.00	4.00	2.604	1,00	25	929 81 5
KS004 2,0*20	2.00	20.00	4.00	2.083	1,00	25	929 82 3
KS004 2,0*25	2.00	25.00	4.00	1.639	1,00	25	929 83 1
KS004 2,0*30	2.00	30.00	4.00	1.369	1,00	25	929 85 8
KS004 2,0*40	2.00	40.00	4.00	1.042	1,00	25	929 87 4
KS004 2,5*25	2.50	25.00	5.00	1.062	1,00	25	929 88 2
KS004 2,5*30	2.50	30.00	5.00	877	1,00	25	929 89 0
KS004 2,5*35	2.50	35.00	5.00	758	1,00	25	929 90 3
KS004 2,5*40	2.50	40.00	5.00	649	1,00	25	929 91 1
KS004 2,5*50	2.50	50.00	5.00	518	1,00	25	929 94 6
KS004 3,0*30	3.00	30.00	6.00	625	1,00	25	929 97 0
KS004 3,0*40	3.00	40.00	6.00	463	1,00	25	929 99 7
KS004 3,0*50	3.00	50.00	6.00	380	1,00	25	930 01 5
KS004 3,0*60	3.00	60.00	6.00	311	1,00	25	930 02 3
KS004 3,0*70	3.00	70.00	6.00	263	1,00	25	933 17 9
KS004 3,4*50	3.40	50.00	6.80	275	1,00	25	933 18 7
KS004 3,4*60	3.40	60.00	6.80	224	1,00	25	933 19 5
KS004 3,4*70	3.40	70.00	6.80	192	1,00	25	933 20 8
KS004 3,4*80	3.40	80.00	6.80	167	1,00	25	933 21 6
KS004 4,2*90	4.20	90.00	8.00	113	1,00	25	933 22 4
KS004 4,2*100	4.20	100.00	8.00	99	1,00	25	933 23 2



## Steel nail, black, smooth, round head (KS004) 2,5kg

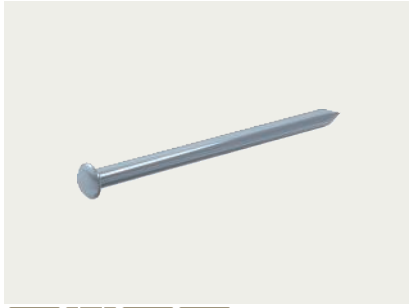
To fasten hardwood or softwood in concrete or stone.

Steel, Hardened Bright

Type	Nail diameter mm	Nail length mm	Head Ø mm	Contents PU pcs	Weight kg/PU	Shipping box PU	Item No.
KS004 2,5*40	2.50	40.00	5.00	1.623	2,50	12	987 04 6
KS004 3,0*40	3.00	40.00	6.00	1.157	2,50	12	986 85 2
KS004 3,0*50	3.00	50.00	6.00	950	2,50	12	986 80 1
KS004 3,0*60	3.00	60.00	6.00	776	2,50	12	986 78 0



# Steel nail



## Steel nail, bright zinc plated, smooth, round head (KS110) pcs.

To fasten hardwood or softwood in concrete or stone.

Steel, Hardened      Electrogalvanised

Type	Nail diameter mm	Nail length mm	Head Ø mm	Contents PU pcs	Weight kg/PU	Shipping box PU	Item No.
KS110 2,0*20	2.00	20.00	4.00	100	0,05	200	995 89 8
KS110 2,0*25	2.00	25.00	4.00	100	0,06	200	960 78 3
KS110 2,0*30	2.00	30.00	4.00	100	0,07	150	948 07 1
KS110 2,5*30	2.50	30.00	5.00	100	0,11	200	925 17 9
KS110 3,0*40	3.00	40.00	6.00	100	0,22	120	948 65 3
KS110 3,0*50	3.00	50.00	6.00	100	0,27	80	943 32 6
KS110 3,4*25	3.40	25.00	6.80	100	0,18	200	943 35 0
KS110 3,4*30	3.40	30.00	6.80	100	0,22	120	943 29 7
KS110 3,4*40	3.40	40.00	6.80	100	0,30	80	943 36 9
KS110 3,4*50	3.40	50.00	6.80	100	0,37	70	943 38 5
KS110 3,4*60	3.40	60.00	6.80	100	0,44	70	943 40 6
KS110 3,4*70	3.40	70.00	6.80	100	0,51	70	943 42 2
KS110 3,4*80	3.40	80.00	6.80	100	0,58	70	943 44 9
KS110 3,4*90	3.40	90.00	6.80	100	0,65	40	943 45 7
KS110 3,4*100	3.40	100.00	6.80	100	0,75	40	936 60 1
KS110 3,5*50	3.40	50.00	6.80	100	0,37	70	943 38 9
KS110 3,5*60	3.40	60.00	6.80	100	0,44	70	943 38 6
KS110 3,5*70	3.40	70.00	6.80	100	0,51	70	943 38 7
KS110 3,5*80	3.40	80.00	6.80	100	0,58	70	943 38 8
KS110 4,2*100	4.00	100.00	8.00	100	1,01	40	943 53 7



## Steel nail, black, smooth, TLB-head (KS008) 1kg

To fasten hardwood or softwood in concrete or stone.

Steel, Hardened      Bright

Type	Nail diameter mm	Nail length mm	Head Ø mm	Contents PU pcs	Weight kg/PU	Shipping box PU	Item No.
KS008 2,5*16	2.50	16.00	6.25	1.370	1,00	25	987 51 3
KS008 2,5*25	2.50	25.00	6.25	936	1,00	25	940 36 0
KS008 2,5*30	2.50	30.00	6.25	877	1,00	25	987 47 6



## Steel nail, bright zinc plated, smooth, round head (KS014) pcs.

To fix cable clips or cable discs in concrete, stone, brick or masonry.

Steel, Hardened      Electrogalvanised

Type	Nail diameter mm	Nail length mm	Head Ø mm	Contents PU pcs	Weight kg/PU	Shipping box PU	Item No.
KC014 2,0*40	2.00	40.00	4.10	100	0,10	90	967 23 8
KC014 2,0*50	2.00	50.00	4.10	100	0,12	70	967 24 2
KC014 2,0*60	2.00	60.00	4.10	100	0,14	50	967 24 6



## Steel nail, black, smooth, countersunk head (KS006) pcs.

To fasten hardwood or softwood in concrete or stone.

Steel, Hardened Bright

Type	Nail diameter mm	Nail length mm	Head Ø mm	Contents PU pcs	Weight kg/PU	Shipping box PU	Item No.
<b>KS006 2,0*20</b>	2.00	20.00	3.80	100	0,05	150	<b>930 78 7</b>
<b>KS006 2,0*25</b>	2.00	25.00	3.80	100	0,06	150	<b>930 79 5</b>
<b>KS006 2,0*30</b>	2.00	30.00	3.80	100	0,07	150	<b>930 80 8</b>
<b>KS006 2,5*25</b>	2.50	25.00	4.60	100	0,09	200	<b>930 83 2</b>
<b>KS006 2,5*30</b>	2.50	30.00	4.60	100	0,11	150	<b>930 84 0</b>
<b>KS006 2,5*35</b>	2.50	35.00	4.60	100	0,13	120	<b>930 85 9</b>
<b>KS006 2,5*40</b>	2.50	40.00	4.60	100	0,15	90	<b>930 86 7</b>
<b>KS006 3,0*40</b>	3.00	40.00	5.40	100	0,21	90	<b>930 93 9</b>
<b>KS006 3,0*50</b>	3.00	50.00	5.40	100	0,26	70	<b>930 95 5</b>
<b>KS006 3,0*60</b>	3.00	60.00	5.40	100	0,32	50	<b>930 96 3</b>
<b>KS006 3,4*70</b>	3.40	70.00	6.20	100	0,51	50	<b>986 25 4</b>



## Steel nail, black, smooth, countersunk head (KS006) 1kg

To fasten hardwood or softwood in concrete or stone.

Steel, Hardened Bright

Type	Nail diameter mm	Nail length mm	Head Ø mm	Contents PU pcs	Weight kg/PU	Shipping box PU	Item No.
<b>KS006 2,0*16</b>	2.00	16.00	3.80	2.615	1,00	25	<b>930 26 9</b>
<b>KS006 2,0*20</b>	2.00	20.00	3.80	2.092	1,00	25	<b>930 27 7</b>
<b>KS006 2,0*25</b>	2.00	25.00	3.80	1.675	1,00	25	<b>930 28 5</b>
<b>KS006 2,0*30</b>	2.00	30.00	3.80	1.395	1,00	25	<b>930 29 3</b>
<b>KS006 2,0*40</b>	2.00	40.00	3.80	1.046	1,00	25	<b>930 31 4</b>
<b>KS006 2,5*25</b>	2.50	25.00	4.60	1.062	1,00	25	<b>930 32 2</b>
<b>KS006 2,5*30</b>	2.50	30.00	4.60	884	1,00	25	<b>930 33 0</b>
<b>KS006 2,5*40</b>	2.50	40.00	4.60	663	1,00	25	<b>930 35 7</b>
<b>KS006 2,5*50</b>	2.50	50.00	4.60	530	1,00	25	<b>930 37 3</b>
<b>KS006 3,0*30</b>	3.00	30.00	5.40	633	1,00	25	<b>930 41 0</b>
<b>KS006 3,0*40</b>	3.00	40.00	5.40	474	1,00	25	<b>930 43 7</b>
<b>KS006 3,0*50</b>	3.00	50.00	5.40	380	1,00	25	<b>930 45 3</b>
<b>KS006 3,0*60</b>	3.00	60.00	5.40	316	1,00	25	<b>930 46 1</b>



## Steel nail, black, smooth, countersunk head (KS006) 2,5kg

To fasten hardwood or softwood in concrete or stone.

Steel, Hardened Bright

Type	Nail diameter mm	Nail length mm	Head Ø mm	Contents PU pcs	Weight kg/PU	Shipping box PU	Item No.
<b>KS006 2,5*40</b>	2.50	40.00	4.60	1.325	2,50	12	<b>986 68 4</b>
<b>KS006 3,0*30</b>	3.00	30.00	5.40	1.583	2,50	12	<b>986 52 9</b>
<b>KS006 3,0*40</b>	3.00	40.00	5.40	1.185	2,50	12	<b>986 47 3</b>
<b>KS006 3,0*50</b>	3.00	50.00	5.40	950	2,50	12	<b>986 44 9</b>





# Steel nail



## Steel nail, bright zinc plated, smooth, countersunk head (KS111) pcs.

To fasten hardwood or softwood in concrete or stone.

Steel, Hardened      Electrogalvanised

Type	Nail diameter mm	Nail length mm	Head Ø mm	Contents PU pcs	Weight kg/PU	Shipping box PU	Item No.
KS111 2,0*20	2.00	20.00	3.80	100	0,05	200	944 84 7
KS111 2,0*25	2.00	25.00	3.80	100	0,06	200	944 78 3
KS111 2,0*30	2.00	30.00	3.80	100	0,07	200	944 89 8
KS111 2,5*25	2.50	25.00	4.60	100	0,10	200	939 42 3
KS111 2,5*30	2.50	30.00	4.60	100	0,11	200	939 43 1
KS111 2,5*35	2.50	35.00	4.60	100	0,13	120	939 45 8
KS111 2,5*40	2.50	40.00	4.60	100	0,15	120	939 46 6
KS111 2,5*45	2.50	45.00	4.60	100	0,17	80	939 47 4
KS111 2,5*50	2.50	50.00	4.60	100	0,19	80	939 48 2
KS111 2,5*60	2.50	60.00	4.60	100	0,23	70	939 49 0
KS111 3,0*25	3.00	25.00	5.40	100	0,13	200	939 16 7
KS111 3,0*30	3.00	30.00	5.40	100	0,16	200	939 17 5
KS111 3,0*35	3.00	35.00	5.40	100	0,18	120	939 18 3
KS111 3,0*40	3.00	40.00	5.40	100	0,21	120	939 19 1
KS111 3,0*45	3.00	45.00	5.40	100	0,24	80	939 20 4
KS111 3,0*50	3.00	50.00	5.40	100	0,27	80	939 21 2
KS111 3,0*60	3.00	60.00	5.40	100	0,32	70	939 22 0
KS111 3,0*65	3.00	65.00	5.40	100	0,34	70	939 23 9
KS111 3,0*70	3.00	70.00	5.40	100	0,37	70	939 24 7
KS111 3,0*75	3.00	75.00	5.40	100	0,40	70	939 25 5
KS111 3,4*25	3.40	25.00	6.20	100	0,18	200	992 49 0
KS111 3,4*35	3.40	35.00	6.20	100	0,25	80	992 49 4
KS111 3,4*40	3.40	40.00	6.20	100	0,29	80	994 41 8
KS111 3,4*45	3.40	45.00	6.20	100	0,33	80	992 35 5
KS111 3,4*50	3.40	50.00	6.20	100	0,36	70	983 00 2
KS111 3,4*55	3.40	55.00	6.20	100	0,40	70	992 36 3
KS111 3,4*60	3.40	60.00	6.20	100	0,45	70	983 01 0
KS111 3,4*65	3.40	65.00	6.20	100	0,47	70	992 37 1
KS111 3,4*70	3.40	70.00	6.20	100	0,52	70	939 51 1
KS111 3,4*80	3.40	80.00	6.20	100	0,58	70	973 06 6
KS111 3,4*100	3.40	100.00	6.20	100	0,73	40	939 27 5
KS111 4,2*60	4.20	60.00	6.90	100	0,59	40	992 32 0
KS111 4,2*70	4.20	70.00	6.90	100	0,69	40	992 33 9
KS111 4,2*80	4.20	80.00	6.90	100	0,78	40	992 34 7
KS111 4,2*100	4.20	100.00	6.90	100	0,98	40	973 17 0



## Steel nail, bright zinc plated, smooth, countersunk head (KS111) 1kg

To fasten hardwood or softwood in concrete or stone.

Steel, Hardened      Electrogalvanised

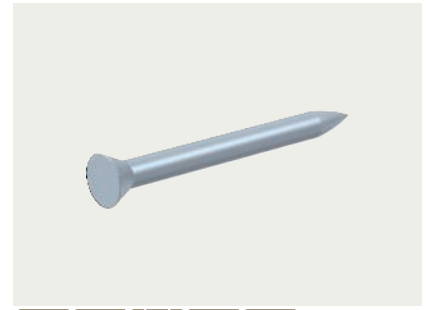
Type	Nail diameter mm	Nail length mm	Head Ø mm	Contents PU pcs	Weight kg/PU	Shipping box PU	Item No.
KS111 2,5*16	2.50	16.00	4.60	1.659	1,00	25	949 49 6
KS111 2,5*20	2.50	20.00	4.60	1.326	1,00	25	949 48 8
KS111 2,5*25	2.50	25.00	4.60	1.052	1,00	25	949 51 7
KS111 2,5*30	2.50	30.00	4.60	884	1,00	25	949 50 9
KS111 2,5*40	2.50	40.00	4.60	649	1,00	25	949 53 3
KS111 2,5*50	2.50	50.00	4.60	530	1,00	25	949 54 1
KS111 3,0*40	3.00	40.00	5.40	474	1,00	25	949 64 8
KS111 3,0*50	3.00	50.00	5.40	370	1,00	25	949 65 6
KS111 3,0*60	3.00	60.00	5.40	316	1,00	25	949 66 4
KS111 3,5*40	3.50	40.00	6.20	344	1,00	25	949 68 0
KS111 3,5*50	3.50	50.00	6.20	275	1,00	25	949 69 9
KS111 3,5*60	3.50	60.00	6.20	225	1,00	25	949 73 6
KS111 3,5*70	3.50	70.00	6.20	193	1,00	25	949 74 4

**Steel nail, zinc plated, smooth, countersunk head, ballistic point (KS349) pcs.**

To fasten hard or soft wood in concrete or stone.

Steel, Hardened      Electrogalvanised

Type	Nail diameter mm	Nail length mm	Head Ø mm	Contents PU pcs	Weight kg/PU	Shipping box PU	Item No.
<b>KS349 2,5*30</b>	2.50	30.00	4.60	250	0,28	50	<b>964 41 8</b>
<b>KS349 2,5*40</b>	2.50	40.00	4.60	250	0,38	50	<b>964 42 6</b>
<b>KS349 2,5*50</b>	2.50	50.00	4.60	250	0,47	50	<b>964 43 4</b>
<b>KS349 3,0*30</b>	3.00	30.00	5.40	250	0,40	50	<b>964 44 2</b>
<b>KS349 3,0*40</b>	3.00	40.00	5.40	250	0,53	25	<b>964 45 0</b>
<b>KS349 3,0*50</b>	3.00	50.00	5.40	250	0,66	25	<b>964 46 9</b>
<b>KS349 3,0*60</b>	3.00	60.00	5.40	250	0,79	25	<b>964 47 7</b>





## Steel nail, grooved

### CHARACTERISTICS:

- Manufactured from special high carbon steel
- Hardened and annealed on modern, fully automatic furnaces
- Corrosion protection : bright zinc plated or mechanical zinc plated
- High hardness with extremely high flexibility to ensure absolute safety
- Grooved shank gives higher pull-out value



### Steel nail, bright zinc plated, grooved, countersunk head (KS153/KS002) pcs.

To fasten hardwood or softwood in concrete or stone.

Steel, Hardened      Electrogalvanised

Type	Nail diameter mm	Nail length mm	Head Ø mm	Contents PU pcs	Weight kg/PU	Shipping box PU	Item No.
KS153 2,7*20	2.70	20.00	4.60	250	0,19	120	956 60 2
KS153 2,7*25	2.70	25.00	4.60	250	0,24	120	956 61 0
KS153 2,7*30	2.70	30.00	4.60	250	0,29	120	956 62 9
KS002 2,7*35	2.70	35.00	4.60	250	0,33	40	983 72 3
KS002 2,7*40	2.70	40.00	4.60	250	0,38	40	983 70 7
KS002 2,7*50	2.70	50.00	4.60	250	0,50	40	983 68 6
KS002 2,7*60	2.70	60.00	4.60	250	0,57	40	983 65 1
KS002 2,7*70	2.70	70.00	4.60	250	0,67	40	983 63 5
KS002 3,5*35	3.50	35.00	6.20	250	0,64	40	943 20 3
KS002 3,5*40	3.50	40.00	6.20	250	0,73	40	983 56 3
KS002 3,5*45	3.50	45.00	6.20	250	0,82	40	983 54 7
KS002 3,5*50	3.50	50.00	6.20	250	0,91	40	983 52 0
KS002 3,5*55	3.50	55.00	6.20	250	1,00	40	983 50 4
KS002 3,5*60	3.50	60.00	6.20	250	1,12	40	983 48 3
KS002 3,5*65	3.50	65.00	6.20	250	1,19	40	983 46 7
KS002 3,5*70	3.50	70.00	6.20	250	1,28	16	983 44 0
KS002 3,5*75	3.50	75.00	6.20	250	1,43	16	983 42 4
KS002 3,5*80	3.50	80.00	6.20	250	1,46	16	983 40 8
KS002 4,5*30	4.50	30.00	6.90	250	0,74	40	983 38 7
KS002 4,5*40	4.50	40.00	6.90	250	0,98	40	983 36 0
KS002 4,5*50	4.50	50.00	6.90	250	1,23	40	983 34 4
KS002 4,5*55	4.50	55.00	6.90	250	1,34	40	983 32 8
KS002 4,5*60	4.50	60.00	6.90	250	1,47	16	983 29 9
KS002 4,5*65	4.50	65.00	6.90	250	1,59	16	983 27 2
KS002 4,5*70	4.50	70.00	6.90	250	1,71	16	983 25 6
KS002 4,5*80	4.50	80.00	6.90	250	1,90	16	983 22 1
KS002 4,5*90	4.50	90.00	6.90	250	2,20	16	983 20 5
KS002 4,5*100	4.50	100.00	6.90	250	2,60	16	983 18 4

## Steel nail, bright zinc plated, grooved, countersunk head (KS153/KS002) 1kg

To fasten hardwood or softwood in concrete or stone.

Steel, Hardened Electrogalvanised

Type	Nail diameter mm	Nail length mm	Head Ø mm	Contents PU pcs	Weight kg/PU	Shipping box PU	Item No.
KS153 2,7*20	2.70	20.00	4.60	1.316	1,00	25	956 70 9
KS153 2,7*25	2.70	25.00	4.60	1.062	1,00	25	956 71 7
KS153 2,7*30	2.70	30.00	4.60	826	1,00	25	956 72 5
KS002 2,7*35	2.70	35.00	4.60	752	1,00	25	931 91 5
KS002 2,7*40	2.70	40.00	4.60	658	1,00	25	931 92 3
KS002 2,7*50	2.70	50.00	4.60	526	1,00	25	931 93 1
KS002 3,5*30	3.50	30.00	6.20	457	1,00	25	931 97 4
KS002 3,5*40	3.50	40.00	6.20	342	1,00	25	931 99 0
KS002 3,5*45	3.50	45.00	6.20	304	1,00	25	932 08 8
KS002 3,5*50	3.50	50.00	6.20	274	1,00	25	932 09 6
KS002 3,5*55	3.50	55.00	6.20	249	1,00	25	932 11 0
KS002 3,5*60	3.50	60.00	6.20	224	1,00	25	932 11 7
KS002 3,5*70	3.50	70.00	6.20	195	1,00	25	932 13 3
KS002 3,5*80	3.50	80.00	6.20	171	1,00	25	932 16 8
KS002 4,5*50	4.50	50.00	6.90	204	1,00	25	932 17 6
KS002 4,5*60	4.50	60.00	6.90	170	1,00	25	932 18 4
KS002 4,5*70	4.50	70.00	6.90	146	1,00	25	932 19 2
KS002 4,5*80	4.50	80.00	6.90	128	1,00	25	932 20 5
KS002 4,5*90	4.50	90.00	6.90	113	1,00	25	932 21 3
KS002 4,5*100	4.50	100.00	6.90	102	1,00	25	932 22 1



Fastening and supporting

## Steel nail, bright zinc plated, grooved with 15mm washer head (KS112) pcs.

To fix roofing, insulation plates, plastic sheets or wire mesh on concrete or masonry.

Steel, Hardened Electrogalvanised

Type	Nail diameter mm	Nail length mm	Contents PU pcs	Weight kg/PU	Shipping box PU	Item No.
KS112 3,5*20	3.50	20.00	250	0,69	25	980 42 6
KS112 3,5*25	3.50	25.00	250	0,79	25	972 92 8
KS112 3,5*30	3.50	30.00	250	0,87	25	944 51 5
KS112 3,5*35	3.50	35.00	250	0,97	12	972 94 4
KS112 3,5*40	3.50	40.00	250	1,06	12	972 71 1
KS112 3,5*50	3.50	50.00	250	1,24	12	972 71 3
KS112 3,5*60	3.50	60.00	250	1,42	12	972 71 5
KS112 3,5*70	3.50	70.00	250	1,60	9	972 71 7
KS112 3,5*80	3.50	80.00	250	1,77	9	972 71 9
KS112 3,5*100	3.50	100.00	125	1,07	9	972 72 1





# Panel pin

## CHARACTERISTIC:

- For (almost) invisible fastening
- The thin pin with its small head is ideal for fastening skirting boards or connecting frames without the nail being visible



### Panel pin, black, lost head (KS076) 1kg

To fix skirting boards and picture frames.

Steel, Hardened      Bright

Type	Nail diameter mm	Nail length mm	Head Ø mm	Contents PU pcs	Weight kg/PU	Shipping box PU	Item No.
<b>KS076 1,5*20</b>	1.50	20.00	2.10	3.293	1,00	25	<b>972 69 6</b>
<b>KS076 1,5*25</b>	1.50	25.00	2.10	2.634	1,00	25	<b>938 24 4</b>
<b>KS076 1,5*30</b>	1.50	30.00	2.10	2.195	1,00	25	<b>938 25 2</b>
<b>KS076 1,5*35</b>	1.50	35.00	2.10	1.882	1,00	25	<b>949 70 1</b>
<b>KS076 1,5*40</b>	1.50	40.00	2.10	1.646	1,00	25	<b>949 75 2</b>
<b>KS076 1,5*45</b>	1.50	45.00	2.10	1.463	1,00	25	<b>949 72 8</b>
<b>KS076 2,0*35</b>	2.00	35.00	2.70	1.194	1,00	25	<b>969 52 6</b>
<b>KS076 2,0*40</b>	2.00	40.00	2.70	1.044	1,00	25	<b>938 29 5</b>



### Panel pin, bright zinc plated, smooth, lost head (KS150) pcs.

To fix skirting boards and picture frames.

Steel, Hardened      Electrogalvanised

Type	Nail diameter mm	Nail length mm	Head Ø mm	Contents PU pcs	Weight kg/PU	Shipping box PU	Item No.
<b>KS150 1,5*20</b>	1.50	20.00	2.10	100	0,03	200	<b>992 75 0</b>
<b>KS150 1,5*25</b>	1.50	25.00	2.10	100	0,04	200	<b>967 20 5</b>
<b>KS150 1,5*30</b>	1.50	30.00	2.10	100	0,05	200	<b>992 75 1</b>
<b>KS150 1,5*35</b>	1.50	35.00	2.10	100	0,05	200	<b>973 88 3</b>
<b>KS150 1,5*45</b>	1.50	45.00	2.10	100	0,07	120	<b>973 86 7</b>



### Panel pin, bright zinc plated, smooth, lost head (KS150) 1kg

To fix skirting boards and picture frames.

Steel, Hardened      Electrogalvanised

Type	Nail diameter mm	Nail length mm	Head Ø mm	Contents PU pcs	Weight kg/PU	Shipping box PU	Item No.
<b>KS150 1,5*30</b>	1.50	30.00	2.10	2.195	1,00	25	<b>989 04 2</b>
<b>KS150 1,5*40</b>	1.50	40.00	2.10	1.646	1,00	25	<b>989 05 2</b>

## Drive pin/Capping nail (Mickey Pin)

### NK drive pin, zinc plated, ballistic point, 12 mm washer (KG018) pcs.

To fix metal clips and strips on concrete and steel underground.

Steel, Hardened Galvanised

Type	Nail diameter mm	Contents PU pcs	Weight	Shipping box PU	Item No.
KG018 3,75*22	3.75	100	0,32	25	904 75 1
KG018 3,75*27	3.75	100	0,37	25	904 75 2
KG018 3,75*32	3.75	100	0,41	25	904 75 3
KG018 3,75*37	3.75	100	0,46	25	904 75 4
KG018 3,75*42	3.75	100	0,50	25	904 75 5
KG018 3,75*47	3.75	100	0,54	25	904 75 6
KG018 3,75*54	3.75	100	0,61	25	904 75 8
KG018 3,75*62	3.75	100	0,68	25	904 76 0
KG018 3,75*72	3.75	50	0,38	25	904 76 2
KG018 3,75*82	3.75	50	0,42	25	904 76 3
KG018 3,75*97	3.75	50	0,50	25	904 76 4

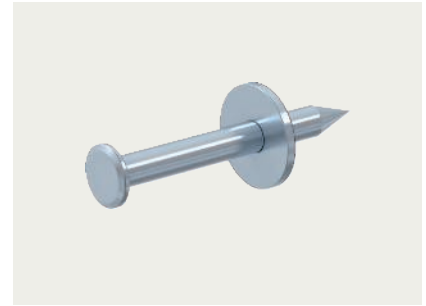


### Capping nail, bright zinc plated, 8,5mm washer (KG003) pcs.

To fix steel-channeling, plastic sheets and cable trays.

Steel, Hardened Electrogalvanised

Type	Nail diameter mm	Nail length mm	Head Ø mm	Contents PU pcs	Weight kg/PU	Shipping box PU	Item No.
KG003 2,5*25	2.50	25.00	5.20	200	0,19	50	953 03 7
KG003 2,5*30	2.50	30.00	5.20	200	0,22	50	953 03 6





## Hook nail



100 St./Pcs.  

### Steel hook, black, smooth, square (KS132) pcs.

To fix pipes, cables or frames.

Steel, Hardened Bright

Type	Nail diameter mm	Nail length mm	Contents PU pcs	Weight kg/PU	Shipping box PU	Item No.
<b>KS132 3,0*30</b>	3.00	30.00	100	0,19	50	<b>928 37 5</b>
<b>KS132 3,0*50</b>	3.00	50.00	100	0,28	50	<b>928 38 5</b>
<b>KS132 3,0*60</b>	3.00	60.00	100	0,33	40	<b>928 39 3</b>
<b>KS132 4,0*60</b>	4.00	60.00	100	0,69	40	<b>928 42 2</b>
<b>KS132 4,0*70</b>	4.00	70.00	100	0,79	40	<b>994 41 4</b>



100 St./Pcs. 250 St./Pcs.  

### Hook nail, black, smooth, round, not hardened (B058) pcs.

To fix pipes, cables or frames.

Steel, Unhardened Bright

Type	Nail diameter mm	Nail length mm	Contents PU pcs	Weight kg/PU	Shipping box PU	Item No.
<b>B058 3,4*80</b>	3.40	80.00	100	0,67	10	<b>917 93 6</b>
<b>B058 3,4*90</b>	3.40	90.00	100	0,74	8	<b>917 93 7</b>



100 St./Pcs. 250 St./Pcs.  

### Hook nail, bright zinc plated, smooth, round, not hardened (B059) pcs.

To fix pipes, cables or frames.

Steel, Unhardened Electrogalvanised

Type	Nail diameter mm	Nail length mm	Contents PU pcs	Weight kg/PU	Shipping box PU	Item No.
<b>B059 3,0*40</b>	3.00	40.00	250	0,74	25	<b>927 67 0</b>
<b>B059 3,0*50</b>	3.00	50.00	250	0,88	25	<b>927 67 2</b>
<b>B059 3,0*60</b>	3.00	60.00	250	1,01	12	<b>927 67 4</b>
<b>B059 3,0*70</b>	3.00	70.00	250	1,14	12	<b>927 67 6</b>
<b>B059 3,4*40</b>	3.40	40.00	250	0,96	25	<b>927 66 6</b>
<b>B059 3,4*50</b>	3.40	50.00	250	1,14	12	<b>927 66 7</b>
<b>B059 3,4*70</b>	3.40	70.00	250	1,50	12	<b>927 66 9</b>
<b>B059 3,4*80</b>	3.40	80.00	100	0,67	10	<b>927 67 1</b>

## CHARACTERISTIC:

- Hardened steel nail for fixing in concrete
- Vulcanised fibre disc prevents cable damage
- 10 plastic bags each with 100 pieces in a packaging unit (PU)

## Impu steel nail, black (KG010)

To fix ribbon conductors.

Steel, Hardened      Bright

Type	Nail diameter mm	Nail length mm	Head Ø mm	Contents PU pcs	Weight kg/PU	Shipping box PU	Item No.
<b>KG010 2,0*12</b>	2.00	12.00	4.10	1.000	0,40	12	<b>904 45 9</b>
<b>KG010 2,0*16</b>	2.00	16.00	4.10	1.000	0,49	12	<b>904 46 0</b>
<b>KG010 2,0*18</b>	2.00	18.00	4.10	1.000	0,55	12	<b>904 46 1</b>
<b>KG010 2,0*23</b>	2.00	23.00	4.10	1.000	0,62	12	<b>904 46 2</b>
<b>KG010 2,0*30</b>	2.00	30.00	4.10	1.000	0,81	12	<b>904 46 3</b>
<b>KG010 2,0*40</b>	2.00	40.00	4.10	1.000	1,08	12	<b>904 46 4</b>
<b>KG010 2,0*50</b>	2.00	50.00	4.10	1.000	1,28	12	<b>904 46 5</b>
<b>KG010 2,0*60</b>	2.00	60.00	4.10	1.000	1,15	12	<b>904 46 6</b>





# Siku nail

## CHARACTERISTIC:

- Hardened steel nail for fixing in concrete
- With polyethylene safety head
- 10 plastic bags each with 100 pieces in a packaging unit (PU)



## Siku nail, black (KG012)

To fix ribbon conductors.

Steel, Hardened      Bright

Type	Nail diameter mm	Nail length mm	Head Ø mm	Contents PU pcs	Weight kg/PU	Shipping box PU	Item No.
<b>KG012 2,0*12</b>	2.00	12.00	4.10	100	0,40	12	<b>904 47 5</b>
<b>KG012 2,0*16</b>	2.00	16.00	4.10	100	0,46	12	<b>904 47 6</b>
<b>KG012 2,0*18</b>	2.00	18.00	4.10	100	0,55	12	<b>904 47 7</b>
<b>KG012 2,0*23</b>	2.00	23.00	4.10	100	0,64	12	<b>904 47 8</b>
<b>KG012 2,0*30</b>	2.00	30.00	4.10	100	0,81	12	<b>904 47 9</b>
<b>KG012 2,0*40</b>	2.00	40.00	4.10	1.000	1,04	10	<b>904 48 0</b>
<b>KG012 2,0*50</b>	2.00	50.00	4.10	100	1,34	12	<b>904 48 1</b>
<b>KG012 2,0*60</b>	2.00	60.00	4.10	100	1,54	9	<b>904 48 2</b>

## CHARACTERISTIC:

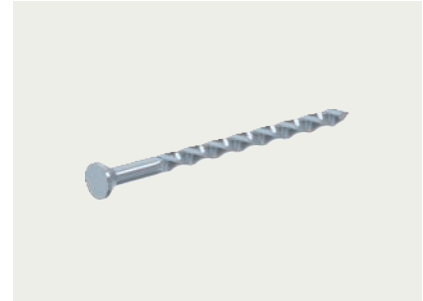
- The diameter given is measured on the profile

### Screw nail, bright zinc plated, 60° thread (PR189)

To fix wood connectors.

Steel, Unhardened      Electrogalvanised

Type	Nail diameter mm	Nail length mm	Head Ø mm	Contents PU pcs	Weight kg/PU	Shipping box PU	Item No.
PR189 3,4*35	3.40	35.00	6.60	250	0,45	25	993 48 9
PR189 3,4*40	3.40	40.00	6.60	250	0,51	25	994 58 8
PR189 3,4*45	3.40	45.00	6.60	250	0,58	25	993 58 5
PR189 3,4*50	3.40	50.00	6.60	250	0,64	25	994 59 6
PR189 3,4*60	3.40	60.00	6.60	250	0,78	25	993 61 4
PR189 3,4*65	3.40	65.00	6.60	250	0,85	12	997 93 0
PR189 4,0*80	4.00	80.00	7.70	250	1,55	12	993 68 1
PR189 4,0*70	4.00	70.00	7.70	250	1,35	12	993 65 7
PR189 4,5*100	4.50	100.00	8.40	250	2,32	9	994 51 0
PR189 4,5*90	4.80	90.00	8.00	250	2,10	9	994 50 2





# Brass nail

## CHARACTERISTIC:

- Lost head: Head can be fixed completely into the underground
- Round head: Attractive completion for visible fastenings, wide support surface



### Brass nail, round head (ME004)

To fix picture frames, strips or laths on soft underground.

Brass

Type	Nail diameter mm	Nail length mm	Head Ø mm	Contents PU pcs	Weight kg/PU	Shipping box PU	Item No.
ME004 1,0*10	1.00	10.00	1.90	16.660	1,00	25	983 76 6
ME004 1,0*15	1.00	15.00	1.90	11.096	1,00	25	983 78 2
ME004 1,2*15	1.20	15.50	2.50	6.369	1,00	25	983 81 1
ME004 1,2*20	1.20	20.00	2.50	4.782	1,00	25	983 84 6
ME004 1,5*20	1.50	20.00	3.30	2.700	1,00	25	983 88 9
ME004 1,5*25	1.50	25.00	3.30	2.161	1,00	25	983 91 8
ME004 1,6*25	1.60	25.00	3.30	2.161	1,00	25	983 93 4
ME004 1,8*30	1.80	30.00	3.80	1.323	1,00	25	983 97 7
ME004 2,0*40	2.00	40.00	4.20	826	1,00	25	984 01 3
ME004 2,4*45	2.40	45.00	5.00	513	1,00	25	984 04 8
ME004 2,7*50	2.70	50.00	5.50	383	1,00	25	984 06 4
ME004 3,0*65	3.00	65.00	6.40	238	1,00	25	984 10 1



### Brass nail, lost head (ME003)

To fix picture frames, strips or laths on soft underground.

Brass

Type	Nail diameter mm	Nail length mm	Head Ø mm	Contents PU pcs	Weight kg/PU	Shipping box PU	Item No.
ME003 1,2*20	1.20	20.00	1.80	4.782	1,00	25	983 51 2
ME003 1,5*20	1.50	20.00	2.30	2.700	1,00	25	983 55 5
ME003 1,5*25	1.50	25.00	2.30	2.161	1,00	25	983 57 1
ME003 1,8*30	1.80	30.00	2.60	1.323	1,00	25	983 62 7
ME003 2,0*40	2.00	40.00	2.85	826	1,00	25	983 67 8
ME003 2,7*50	2.70	50.00	3.60	383	1,00	25	983 71 5

## CHARACTERISTIC:

- Stainless steel, in quality A2 (AISI 304)
- The combination of profile and groove gives a very high pull-out value

### Stainless steel nail, smooth, round head A2 [AISI 304] (RV 001)

For exterior wood work, side boards, Yacht constructions etc

Stainless steel, grade 304

Type	Nail diameter mm	Nail length mm	Head Ø mm	conformity	Contents PU pcs	Weight kg/PU	Shipping box PU	Item No.
<b>RV001 1,6*20</b>	1.60	20.00	3.20	—	2.857	1,00	25	<b>967 67 8</b>
<b>RV001 1,6*25</b>	1.60	25.00	3.20	—	2.250	1,00	25	<b>997 95 7</b>
<b>RV001 1,8*32</b>	1.80	32.00	3.70	—	1.493	1,00	25	<b>997 60 7</b>
<b>RV001 2,1*40</b>	2.10	40.00	4.40	—	943	1,00	25	<b>997 62 3</b>
<b>RV001 2,4*45</b>	2.40	45.00	5.10	—	637	1,00	25	<b>997 63 1</b>
<b>RV001 2,8*50</b>	2.80	50.00	6.00	—	418	1,00	25	<b>997 67 4</b>
<b>RV001 2,8*55</b>	2.80	55.00	6.00	—	380	1,00	25	<b>997 68 2</b>
<b>RV001 3,0*65</b>	3.00	65.00	6.00	—	280	1,00	25	<b>941 52 3</b>
<b>RV001 3,4*65</b>	3.40	65.00	7.00	—	215	1,00	25	<b>977 74 5</b>
<b>RV001 3,4*80</b>	3.40	80.00	7.00	—	172	1,00	25	<b>977 72 9</b>



### Stainless steel nail, smooth, flat head A2 [AISI 304] (RV013)

For exterior wood work, side boards, Yacht constructions etc

Stainless steel, grade 304

Type	Nail diameter mm	Nail length mm	Head Ø mm	conformity	Contents PU pcs	Weight kg/PU	Shipping box PU	Item No.
<b>RV013 1,6*20</b>	1.60	20.00	3.60	—	2.857	1,00	25	<b>967 30 1</b>
<b>RV013 1,6*25</b>	1.60	25.00	3.60	—	2.381	1,00	25	<b>967 32 8</b>
<b>RV013 2,1*40</b>	2.10	40.00	4.80	—	943	1,00	25	<b>967 34 4</b>
<b>RV013 2,8*50</b>	2.80	50.00	6.30	—	418	1,00	25	<b>967 45 9</b>
<b>RV013 2,8*55</b>	2.80	55.00	6.30	—	380	1,00	25	<b>967 36 0</b>



### Stainless steel nail, smooth, lost head, A2 [AISI 304] (RV 014)

For exterior wood work, side boards, Yacht constructions etc

Stainless steel, grade 304

Type	Nail diameter mm	Nail length mm	Head Ø mm	conformity	Contents PU pcs	Weight kg/PU	Shipping box PU	Item No.
<b>RV014 1,8*32</b>	1.80	32.00	2.60	—	1.493	1,00	25	<b>967 46 7</b>
<b>RV014 2,1*40</b>	2.10	40.00	2.90	—	943	1,00	25	<b>967 47 5</b>
<b>RV014 2,4*45</b>	2.40	45.00	3.30	—	637	1,00	25	<b>967 48 3</b>
<b>RV014 2,8*50</b>	2.80	50.00	3.70	—	418	1,00	25	<b>967 49 1</b>
<b>RV014 2,8*55</b>	2.80	55.00	3.70	—	380	1,00	25	<b>973 23 4</b>





# Stainless steel nail

## Stainless steel nail, grooved, round head A2 [AISI 304] (RV 039)

For exterior wood work, side boards, Yacht constructions etc.

Stainless steel, grade 304



Type	Nail diameter mm	Nail length mm	Head Ø mm	conformity	Contents PU pcs	Weight kg/PU	Shipping box PU	Item No.
<b>RV039 2,5*25</b>	2.50	25.00	4.50	—	1.024	1,00	25	<b>970 27 9</b>
<b>RV039 2,9*50</b>	2.90	50.00	5.30	—	394	1,00	25	<b>970 30 8</b>

## CHARACTERISTIC:

- Stainless steel, in quality A 4 (AISI 316)
- The combination of profile and groove gives a very high pull.out value

## Stainless steel ring shank coil nails, round head A4 [AISI 316] (RV 046)

To fix facades, soffits, skirting or panelling

Stainless steel, grade 316

Type	Nail diameter mm	Nail length mm	Head Ø mm	conformity	Contents PU pcs	Weight kg/PU	Shipping box PU	Item No.
RV046 2,3x45	2.30	45.00	5.50	—	1.000	1,95	7	999 91 2
RV046 2,3*50	2.30	50.00	5.50	—	1.000	1,80	7	999 91 0
RV046 2,3x55	2.30	55.00	5.50	—	1.000	1,95	5,6	999 91 1
RV046 2,5x60	2.30	60.00	5.50	—	1.000	2,50	4,8	999 91 3
RV046 2,5x65	2.50	65.00	5.50	—	1.000	2,56	9	999 91 5
RV046 2,5x70	2.50	70.00	5.50	—	1.000	2,75	4,8	999 91 6
RV046 2,8x80	2.80	80.00	5.50	—	1.000	2,75	2,5	999 91 7
RV046 3,1x90	3.10	90.00	5.50	—	1.000	5,68	2,25	999 91 8



Article Nr.	pcs per coil
999912	350
999910	350
999911	350
999913	300
999915	300
999916	300
999917	250
999918	225

# Stainless steel nail

## CHARACTERISTIC:

- Stainless steel, in quality A2 (AISI304)
- The combination of profile and groove gives a very high pull-out value
- Articles are labelled according to the CPR 305/2011 CE



### Stainless steel nail, ring grooved, half round head A2 [AISI 304] (RV034/RV051)

To fix wood in protected outdoor areas.

Stainless steel, A2



Type	Nail diameter mm	Nail length mm	Head Ø mm	conformity	Contents PU pcs	Weight kg/PU	Shipping box PU	Item No.
RV034 1,9*25	1.90	25.00	4.40	CE	1.759	1,00	10	973 24 0
RV034 1,9*30	1.90	30.00	4.40	CE	1.525	1,00	10	973 24 2
RV034 1,9*35	1.90	35.00	4.40	CE	1.300	1,00	10	973 24 4



To fix wood in protected outdoor areas.

Stainless steel, A2



Type	Nail diameter mm	Nail length mm	Head Ø mm	conformity	Contents PU pcs	Weight kg/PU	Shipping box PU	Item No.
RV051 2,5*35	2.50	35.00	6.30	CE	753	1,00	10	973 37 1
RV051 2,5*45	2.50	45.00	6.30	CE	582	1,00	10	973 37 3
RV051 2,5*50	2.50	50.00	6.30	CE	522	1,00	10	973 37 4
RV051 2,5*50	2.50	50.00	6.30	CE	1.044	2,00	10	973 38 4
RV051 2,5*60	2.50	60.00	6.30	CE	434	1,00	10	973 37 5
RV051 3,2*50	3.20	50.00	7.70	CE	319	1,00	10	973 37 6
RV051 3,2*60	3.20	60.00	7.70	CE	265	1,00	10	973 37 7
RV051 3,2*70	3.20	70.00	7.70	CE	227	1,00	10	973 37 8
RV051 3,2*75	3.20	75.00	7.70	CE	212	1,00	10	973 37 9



### Stainless steel nail, ring grooved, half round head A4 [AISI 316] (RV037/RV052) kg

For exterior wood work, side boards, Yacht constructions etc

Stainless steel, grade 304 Stainless steel, A4



Type	Nail diameter mm	Nail length mm	Head Ø mm	conformity	Contents PU pcs	Weight kg/PU	Shipping box PU	Item No.
RV037 1,9*30	1.90	30.00	4.40	CE	1.453	1,00	10	973 27 2
RV037 1,9*35	1.90	35.00	4.40	CE	1.260	1,00	10	973 27 4
RV052 2,5*45	2.50	45.00	6.30	CE	582	1,00	10	973 38 8
RV052 2,5*50	2.50	50.00	6.30	CE	522	1,00	10	973 39 0
RV052 2,5*50	2.50	50.00	6.30	CE	1.044	2,00	10	973 39 1
RV052 2,5*60	2.50	50.00	6.30	CE	434	1,00	10	973 39 4
RV052 2,5*60	2.50	60.00	6.30	CE	868	2,00	10	973 39 5



## Stainless steel nail, ring grooved, half round head A4 [AISI 316] (RV 037/RV 052) kg

To fix facades, soffits, skirting or panelling

Stainless steel, grade 304

Type	Nail diameter mm	Nail length mm	Head Ø mm	conformity	Contents PU pcs	Weight kg/PU	Shipping box PU	Item No.
<b>RV052 3,2*75</b>	3.20	75.00	7.70	CE	212	1,00	10	<b>973 39 8</b>



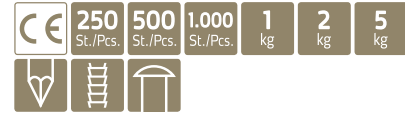
1  
kg

## Stainless steel nail, ring grooved, half round head A4 [AISI 316] (RV 037/RV 052) pcs

For exterior wood work, side boards, Yacht constructions etc

Stainless steel, grade 304 Stainless steel, A4

Type	Nail diameter mm	Nail length mm	Head Ø mm	conformity	Contents PU pcs	Weight kg/PU	Shipping box PU	Item No.
<b>RV037 1,9*35</b>	1.90	35.00	4.40	CE	1.000	0,77	10	<b>973 32 0</b>
<b>RV052 2,5*35</b>	2.50	35.00	6.30	CE	1.000	1,33	10	<b>973 38 7</b>
<b>RV052 2,5*45</b>	2.50	45.00	6.30	CE	500	0,86	10	<b>973 38 9</b>
<b>RV052 2,5*50</b>	2.50	50.00	6.30	CE	500	0,96	10	<b>973 39 3</b>
<b>RV052 2,5*60</b>	2.50	60.00	6.30	CE	250	0,58	10	<b>973 39 6</b>



To fix facades, soffits, skirting or panelling

Stainless steel, grade 304

Type	Nail diameter mm	Nail length mm	Head Ø mm	conformity	Contents PU pcs	Weight kg/PU	Shipping box PU	Item No.
<b>RV052 3,2*75</b>	3.20	75.00	7.70	CE	250	1,18	10	<b>973 39 7</b>



1  
kg

# Stainless steel nail

## CHARACTERISTIC:

- Stainless steel, in quality A 4 (AISI 316)
- The combination of profile and groove gives a very high pull.out value



### Polyhead stainless steel nail ring shank grooved, with polymeer head white A4 [AISI 316] (RV 038)

To fix facades, soffits, skirting or panelling

Stainless steel, A4

Type	Shank-Ø mm	Nail length mm	Head Ø mm	Colour	conformity	Contents PU pcs	Weight kg/PU	Shipping box PU	Item No.
<b>RV038 2,0*30 14G</b>	2.00	30.00	6.75	White	—	100	0,08	25	<b>973 41 5</b>
<b>RV038 2,0*30</b>	2.00	30.00	6.75	White	—	250	0,21	20	<b>973 41 4</b>
<b>RV038 2,0*30</b>	2.00	30.00	6.75	White	—	500	0,41	10	<b>973 40 0</b>
<b>RV038 2,0*40 14G</b>	2.00	40.00	6.75	White	—	100	0,11	25	<b>973 41 7</b>
<b>RV038 2,0*40</b>	2.00	40.00	6.75	White	—	250	0,27	20	<b>973 41 8</b>
<b>RV038 2,0*40</b>	2.00	40.00	6.75	White	—	500	0,54	10	<b>973 40 1</b>
<b>RV038 2,65*50 12</b>	2.65	50.00	9.64	White	—	100	0,23	25	<b>973 43 0</b>
<b>RV038 2,65*50</b>	2.65	50.00	9.64	White	—	500	1,16	10	<b>973 41 0</b>
<b>RV038 3,35*65 12</b>	3.35	65.00	12.40	White	—	100	0,46	10	<b>973 44 4</b>
<b>RV038 3,35*65</b>	3.35	65.00	12.40	White	—	200	0,91	10	<b>973 26 6</b>



### Polyhead stainless steel nail ring shank grooved, with polymeer head black A4 [AISI 316] (RV 038)

To fix facades, soffits, skirting or panelling

Stainless steel, A4

Type	Shank-Ø mm	Nail length mm	Head Ø mm	Colour	conformity	Contents PU pcs	Weight kg/PU	Shipping box PU	Item No.
<b>RV038 2,0*40</b>	2.00	40.00	6.75	Black	—	100	0,11	25	<b>973 44 6</b>
<b>RV038 2,65*50</b>	2.65	50.00	9.64	Black	—	100	0,23	25	<b>973 44 7</b>
<b>RV038 3,35*65</b>	3.35	65.00	12.40	Black	—	100	0,46	10	<b>973 44 8</b>

## INSTRUCTIONS FOR USE:

- Drill a 4 mm hole through the clamp into the concrete and knock in
- To remove, knock the clamp and the nail will break at the predetermined breaking point

### Clamp nail, bright zinc plated, countersunk head (KS258, KS259)

To fix panels on concrete.

Steel, Hardened      Electrogalvanised

Type	Nail diameter mm	Nail length mm	Head Ø mm	Contents PU pcs	Weight kg/PU	Shipping box PU	Item No.
<b>KS258 4,0*40</b>	4.00	40.00	7.30	100	0,43	50	<b>949 71 9</b>
<b>KS259 4,0*50</b>	4.00	50.00	7.30	100	0,60	50	<b>949 72 0</b>





# Ceiling hook

## CHARACTERISTIC:

- With wood screw thread approx. 20 mm
- Can also be used with plugs



100  
St./Pcs.

## Ceiling hook (SC019)

For universal use with plugs on the ceiling or wall or without plugs in wood.

Steel Electrogalvanised

Type	Diameter mm	Length mm	Contents PU pcs	Weight kg/PU	Shipping box PU	Item No.
SC019 3,9*50	3.90	50.00	100	0,72	16	904 44 3
SC019 3,9*60	3.90	60.00	100	0,80	12	904 44 4
SC019 3,9*70	3.90	70.00	100	0,88	12	904 44 5
SC019 3,9*80	3.90	80.00	100	0,91	12	904 44 6

## Features

- With self-tapping thread
- The combination drive offers more possibilities in selection of screw driver. Slotted drive or cross drive
- Special slotted drive prevents lateral slipping of the screwdriver

## Device screw, countersunk head, with combi cross recess (SC024)

For device fastening of switching inserts and sockets in concealed or cavity wall boxes. Can also be used to fasten lids.

Steel Electrogalvanised

Type	Diameter mm	Length mm	Head Ø mm	Screw system	Contents PU pcs	Weight kg/PU	Shipping box PU	Item No.
<b>SC024 3,2*15</b>	3.20	15.00	5.50	Combi Pozi 1	100	0,09	30	<b>930 20 0</b>
<b>SC024 3,2*25</b>	3.20	25.00	5.50	Combi Pozi 1	100	0,10	30	<b>930 20 1</b>
<b>SC024 3,2*40</b>	3.20	40.00	5.50	Combi Pozi 1	100	0,16	30	<b>930 20 2</b>



## Device screw box

For device fastening of switch inserts and sockets in concealed or cavity wall boxes. Can also be used to fasten lids.

Steel Electrogalvanised

Type	Diameter mm	Head Ø mm	Screw system	Contents PU pcs	Weight kg/PU	Shipping box PU	Item No.
<b>SC024 BOX</b>	3.20	5.50	Combi Pozi 1	300	0,37	10	<b>930 20 9</b>



Dimension [ø * Length in mm]	Quantity [piece]
3,2*15	100
3,2*25	100
3,2*40	100

# M6 dowel

## INSTRUCTIONS FOR USE:

- The M6 dowel is knocked in by using a special settings tool without hand protection (KS170)



### M6-dowel, bright zinc plated (KS324)

To fix clips into wood or concrete without a plug.

Steel, Hardened      Electrogalvanised

Type	Nail length mm	Head Ø mm	collar Ø mm	Contents PU pcs	Weight kg/PU	Shipping box PU	Item No.
KS324 M6 4,0*15	15.00	5.20	8.80	100	0,32	50	957 10 6
KS324 M6 4,0*18	18.00	5.20	8.80	100	0,38	50	957 09 4
KS324 M6 4,0*25	25.00	5.20	8.80	100	0,43	50	957 11 0
KS324 M6 4,0*30	30.00	5.20	8.80	100	0,50	50	957 11 2
KS324 M6 4,0*40	40.00	5.20	8.80	100	0,59	50	957 11 6
KS324 M6 4,0*55	55.00	5.20	8.80	100	0,69	50	957 11 8



### Setting tool without hand protection (KS170)

Item 903512:

For knocking in M6 dowels, painted red.

The red colour allows easy detection of the grip area.

The unpainted end contains the 10 mm-deep opening for the head of the M6 dowel.

Item 903516:

Not painted.

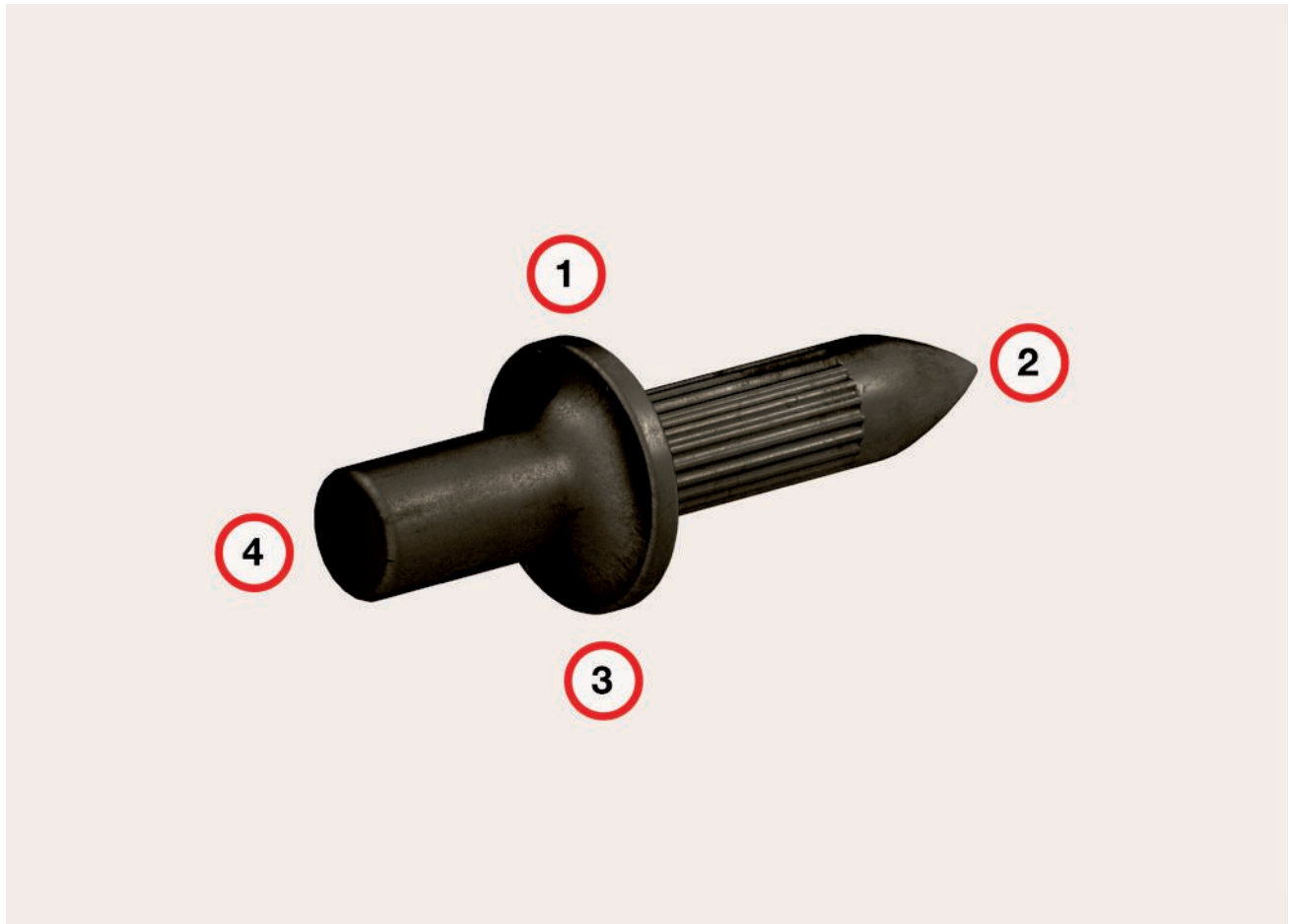
Steel      Electrogalvanised

Type	Colour	Dimension	Contents PU pcs	Weight kg/PU	Shipping box PU	Item No.
KS170 M6	—	M6	1	0,15	10	903 51 2



## Fixpin

### The easy and quick way for fixing



Fastening and supporting

### Four good reasons for using Fixpin

**1. Accurate mounting**

The countersunk collar adjusts itself automatically to the fixed part

**2. Perfect ballistic point**

The ballistic point simplifies fixing even in the hardest concrete

**3. Solid fixing thanks to the countersunk collar**

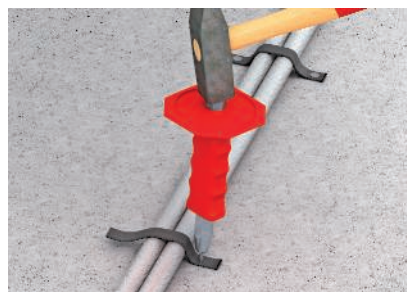
**4. Simple, safe fixing with special designed tool**

No power supply or other tool required

### Application / assembly



Pipe fixation by using FixPin and mounting strip



Pipe fixation by using FixPin with removable head and fabric strip

## CHARACTERISTIC:

- Manufactured from special carbon steel
- Hardened and annealed on modern, fully-automatic furnaces
- High hardness with extremely high flexibility to ensure absolute safety
- The FixPin tool is made from high-quality tool steel and is hardened according to the DIN 7255 safety standard, according to the recommendations of the employment insurance companies
- The FixPin tool has hand protection, thus allowing safe knocking in

## INSTRUCTIONS FOR USE:

- Insert the FixPin nail into the tool (black grip) up to the collar. If inserted correctly, the FixPin will remain in the tool.
- Knock in with a hammer (1kg). Always use a tool (black grip).
- FixPin SFP/FP 14 and 18: Fixing clips and mounting strips on concrete for electrical and heating installation
- FixPin SFP/FP 18: Fixing of glue, spring or storm ties
- FixPin SFP/FP 35 and 40: Fixing laths where higher fixing values are required



100 St./Pcs. 200 St./Pcs.

### FixPin, black, smooth, small collar ø7,9mm (KS233)

For quick and cost-saving fixing of pipes on concrete floors.

Steel, Hardened Bright

Type	Nail diameter mm	Nail length mm	Head Ø mm	collar ø mm	Contents PU pcs	Weight kg/PU	Shipping box PU	Item No.
KS233 FP 4/9*14	4.00	14.00	4.00	7.90	200	0,47	50	950 88 4
KS233 FP 4/9*18	4.00	18.00	4.00	7.90	200	0,57	50	950 89 2
KS233 FP 4/9*22	4.00	22.00	4.00	7.90	200	0,64	20	950 98 0
KS233 FP 4/9*27	4.00	27.00	4.00	7.90	100	0,36	50	950 99 9
KS233 FP 4/9*35	4.00	35.00	4.00	7.90	100	0,43	50	950 86 8
KS233 FP 4/9*40	4.00	40.00	4.00	7.90	100	0,48	50	950 87 6



100 St./Pcs. 200 St./Pcs.

### FixPin, black, grooved, wide collar ø10,5mm (KS199)

For quick and cost-saving fixing of pipes on concrete floors.

Steel, Hardened Bright

Type	Nail diameter mm	Nail length mm	Head Ø mm	collar ø mm	Contents PU pcs	Weight kg/PU	Shipping box PU	Item No.
KS199 SFP 4,0*14	4.00	14.00	4.20	10.50	200	0,61	50	950 80 0
KS199 SFP 4,0*18	4.00	18.00	4.20	10.50	200	0,67	50	950 81 0
KS199 SFP 4,0*22	4.00	22.00	4.20	10.50	200	0,73	20	950 82 0
KS199 SFP 4,0*27	4.00	27.00	4.20	10.50	100	0,43	50	950 82 5



### Setting tool with hand protection (KS207)

For knocking in a FixPin with ø 4 mm. The setting tool with a black grip is not suitable for FixPin with removable head.

Steel Electrogalvanised

Type	Colour	Dimension	Contents PU pcs	Weight	Shipping box PU	Item No.
KS207	Black	Ø 4,0 mm	10	4,90	1	903 04 0

## Setting tool with hand protection and rubber ring (KS354)

For knocking in a FixPin with  $\varnothing$  4 mm. The setting tool with a black grip is not suitable for FixPin with removable head.

Steel Electrogalvanised

Type	Colour	Dimension	Contents PU pcs	Weight	Shipping box PU	Item No.
<b>KS354</b>	Black	$\varnothing$ 4,0 mm	10	4,15	1	<b>903 04 3</b>



## FixPin box, black, grooved, wide collar $\varnothing$ 10,5 mm

Box consists of:

- 1 box
- 1 FixPin setting tool with hand protection, black
- 1 hammer (1 kg)
- 10 boxes, each containing 200 units of FixPin SFP 18 mm

Steel, Hardened Bright

Type	Nail diameter mm	Nail length mm	Head $\varnothing$ mm	collar $\varnothing$ mm	Contents PU pcs	Weight kg/PU	Shipping box PU	Item No.
<b>KS199 4*18 BOX</b>	4.00	18.00	4.20	10.50	1	10,50	1	<b>950 80 4</b>



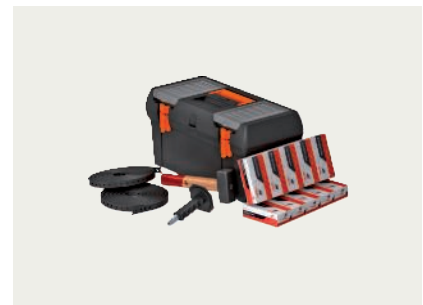
## FixPin box, black, grooved, wide collar $\varnothing$ 10,5mm, box inkl. mounting strip

Box consists of:

- 1 box
- 1 FixPin setting tool with hand protection, black
- 1 hammer (1 kg)
- 10 boxes, each containing 200 units of FixPin SFP 18 mm
- 2 rolls of 10 metres of galvanised metal mounting strip, plastic covered

Steel, Hardened Bright

Type	Nail diameter mm	Nail length mm	Head $\varnothing$ mm	collar $\varnothing$ mm	Contents PU pcs	Weight kg/PU	Shipping box PU	Item No.
<b>KS199 4*18 BOX</b>	4.00	18.00	4.20	10.50	1	12,00	1	<b>950 79 5</b>





# FixPin, grooved with removable head

## CHARACTERISTIC:

- Manufactured from special carbon steel
- Hardened and annealed on modern, fully-automatic furnaces
- High hardness with extremely high flexibility to ensure absolute safety
- The FixPin tool is made from high-quality tool steel and is hardened according to the DIN 7255 safety standard, according to the recommendations of the employment insurance companies
- The FixPin tool has hand protection, thus allowing safe knocking in

## INSTRUCTIONS FOR USE:

- Insert the FixPin nail into the tool (red grip) up to the collar. If inserted correctly, the FixPin will remain in the tool.
- Knock in with a hammer (1kg). Always use a tool (red grip).
- FixPin FPG 18: Fixing of added adhesive, spring or storm anchors as well as clips and perforated strip on concrete for electrical and heating installation
- Knock in the FixPin FPG 18 with removable head with the special setting tool (red grip) an a 1kg hammer. After knocking in, the removable head can be broken off easily using the red Grip setting tool
- CAUTION: Do not use the standard setting tool (black grip) for the FixPin with removable head



### FixPin, black, grooved, small collar ø 8,3mm, removable head (KS243)

For quick and cost-saving fixing of pipes on concrete floors.

Steel, Hardened      Bright

Type	Nail diameter mm	Nail length mm	Head Ø mm	collar ø mm	Contents PU pcs	Weight kg/PU	Shipping box PU	Item No.
<b>KS243 FPG 4,0*18</b>	4.00	18.00	4.00	8.30	200	0,54	50	<b>950 93 0</b>



### FixPin, black, grooved, wide collar ø 10,5mm, removable head (KS284)

For quick and cost-saving fixing of pipes on concrete floors.

Steel, Hardened      Bright

Type	Nail diameter mm	Nail length mm	Head Ø mm	collar ø mm	Contents PU pcs	Weight kg/PU	Shipping box PU	Item No.
<b>KS284 FPG 4,0*18</b>	4.00	18.00	4.30	10.50	200	0,70	50	<b>950 93 2</b>



### Setting tool with hand protection (KS246)

For knocking in a FixPin with ø 4 mm. The setting tool with a red grip is only suitable for FixPin with removable head.

Steel      Electrogalvanised

Type	Colour	Dimension	Contents PU pcs	Weight	Shipping box PU	Item No.
<b>KS246</b>	<b>Red</b>	Ø 4,0 mm	10	5,34	1	<b>903 04 2</b>

## CHARACTERISTIC:

- High-quality plug
- High pull-out value
- Halogen and silicone-free

### Solid material plug without collar (PG037)

High-quality nylon plug for secure screw retention. Lips prevent the plug from turning.

Polyamide

Type	Colour	Plug Ø mm	Plug length mm	Contents PU pcs	Weight kg/PU	Shipping box PU	Item No.
PG037 / 5mm*25mm	Window grey	5.00	25.00	100	0,04	70	955 00 1
PG037 / 6mm*30mm	Window grey	6.00	30.00	100	0,05	70	955 02 8
PG037 / 8mm*40mm	Window grey	8.00	40.00	100	0,14	30	955 03 6
PG037 10*50	Window grey	10.00	50.00	50	0,13	30	955 04 4
PG037 12*60	Window grey	12.00	60.00	25	0,12	30	955 05 2



### Solid material plug with collar (PG038)

High-quality nylon plug for secure screw retention. Lips prevent the plug from turning. The collar prevents the plug from slipping.

Polyamide

Type	Colour	Plug Ø mm	Plug length mm	Contents PU pcs	Weight kg/PU	Shipping box PU	Item No.
PG038 / 5mm*25mm	Window grey	5.00	25.00	100	0,04	70	905 12 1
PG038 / 6mm*30mm	Window grey	6.00	30.00	100	0,05	70	905 12 2
PG038 / 8mm*40mm	Window grey	8.00	40.00	100	0,12	30	905 12 3
PG038 10*50 mm	Window grey	10.00	50.00	50	0,11	30	905 12 4
PG038 12*60 mm	Window grey	12.00	60.00	25	0,08	30	905 12 5



### Multi-purpose plug without collar (PG039)

For multi-purpose fixing in concrete, masonry, hollow brick or plasterboard plate.

Polypropylene

Type	Colour	Plug Ø mm	Plug length mm	Contents PU pcs	Weight kg/PU	Shipping box PU	Item No.
PG039 / 5mm*30mm	Silver grey	5.00	30.00	100	0,02	70	905 12 6
PG039 / 6mm*34mm	Silver grey	6.00	34.00	100	0,05	50	905 12 7
PG039 / 8mm*48mm	Silver grey	8.00	48.00	100	0,11	30	905 12 8
PG039 10*60 mm	Silver grey	10.00	60.00	50	0,09	30	905 12 9
PG039 12*67 mm	Silver grey	12.00	67.00	25	0,08	30	905 13 0



# Plug for screw

## Multi-purpose plug with collar (PG040)

For multi-purpose fixing in concrete, masonry, hollow brick or plasterboard plate. The collar prevents the plug from slipping.

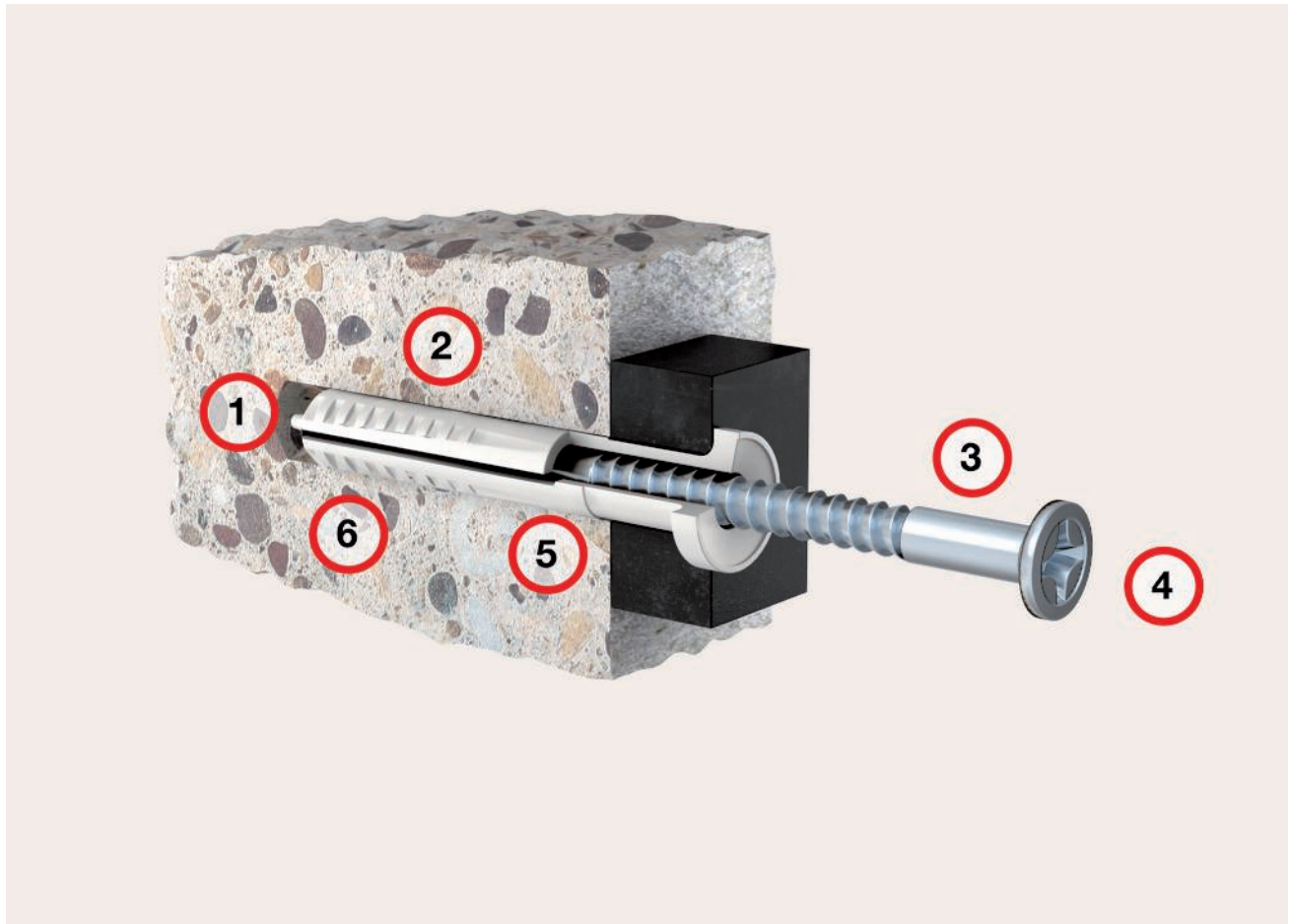
Polypropylene



Type	Colour	Plug Ø mm	Plug length mm	Contents PU pcs	Weight kg/PU	Shipping box PU	Item No.
<b>PG040 / 5mm*32mm</b>	Silver grey	5.00	30.00	100	0,03	70	<b>905 13 2</b>
<b>PG040 / 6mm*36mm</b>	Silver grey	6.00	34.00	100	0,05	50	<b>905 13 3</b>
<b>PG040 / 8mm*50mm</b>	Silver grey	8.00	48.00	100	0,11	30	<b>905 13 4</b>
<b>PG040 10*60 mm</b>	Silver grey	10.00	60.00	50	0,10	30	<b>905 13 5</b>
<b>PG040 12*67 mm</b>	Silver grey	12.00	67.00	25	0,08	30	<b>905 13 6</b>

## Speedplug

The perfect combination of functionality and quality



### Six decisive arguments for the Speedplug nail anchor

**1. Easy knocking-in**

- Thanks to precise nail guidance

**2. Nylon plug**

- Crack-resistant, heat and cold-resistant  
- Resistant to aging

**3. Galvanised nail**

- For a high level of corrosion resistance

**4. Impact-protected cross recess drive**

- No distortion to the drive after knocking-in

**5. No pre-expansion**

- Inside ring prevents pre-expansion

**6. Special Don Quichotte plug profile**

- Maximum contact area = Maximum pull-out value



# Nail anchor

<b>Plug material:</b>	Polyamide (PA-6)
<b>Nail material:</b>	Steel, tensile strength 500–700 N/mm <sup>2</sup>
<b>Nail surface:</b>	Electrogalvanised

Diameter [mm]	Pull-Out value [KN]
5	0.9–1.3
6	1.6–1.8
8	2.4–2.9
10	3.0–3.5

CAUTION: These are average pull-out values in concrete or stone with a safety factor of between 4.5 and 5.



## Speedplug SP, flat collar, cylinder head (PL017)

Nail plug for electrical engineers, sanitary installation engineers, drywall builders and roofers. Pre-assembled for the fixing of clips, profiles or slats on concrete stone or masonry.

Steel Galvanised

Type	Colour	Plug Ø mm	Plug length mm	Head Ø mm	Contents PU pcs	Weight kg/PU	Shipping box PU	Item No.
SP001 SP 4*25	Natural	4.00	25.00	6.80	200	0,35	10	998 70 5
SP001 SP 5*25	Natural	5.00	25.00	7.70	200	0,54	10	998 71 0
SP001 SP 5*30	Natural	5.00	30.00	7.70	200	0,50	10	998 70 6
SP001 SP 5*35	Natural	5.00	35.00	7.70	200	0,58	10	999 10 0
SP001 SP 5*45	Natural	5.00	45.00	7.70	200	0,84	10	999 11 9
SP001 SP 6*35	Natural	6.00	35.00	8.00	200	0,75	10	999 39 0
SP001 SP 6*40	Natural	6.00	40.00	8.00	200	0,85	10	999 38 9
SP001 SP 6*55	Natural	6.00	55.00	8.00	200	1,16	10	999 39 7
SP001 SP 6*70	Natural	6.00	70.00	8.00	100	0,76	10	998 26 3
SP001 SP 6*80	Natural	6.00	80.00	8.00	100	0,84	10	998 26 4
SP001 SP 8*55	Natural	8.00	55.00	10.00	100	0,97	10	998 27 1
SP001 SP 8*70	Natural	8.00	70.00	10.00	100	1,25	10	998 29 8
SP001 SP 8*100	Natural	8.00	100.00	10.00	100	1,65	10	998 30 0



## Speedplug SP, flat collar, cylinder head in bucket (PL017)

Nail plug for electrical engineers, sanitary installation engineers, drywall builders and roofers. Pre-assembled for the fixing of clips, profiles or slats on concrete stone or masonry.

Steel Galvanised

Type	Colour	Plug Ø mm	Plug length mm	Head Ø mm	Contents PU pcs	Weight kg/PU	Shipping box PU	Item No.
SP001 SP 5*25	Natural	5.00	25.00	7.70	500	1,04	10	999 13 0
PL017 SP 5*30	Natural	5.00	30.00	7.70	400	1,37	10	999 13 2
PL017 SP 5*35	Natural	5.00	35.00	7.70	300	1,07	10	999 13 4
PL017 SP 6*35	Natural	6.00	35.00	8.00	200	0,77	10	999 13 6

## Speedplug SPKK, countersunk collar, countersunk head (PL053)

Nail plug for electrical engineers, sanitary installation engineers, drywall builders and roofers. Pre-assembled for the fixing of clips, profiles or slats on concrete, stone or masonry.

Steel Polyamide Galvanised

Type	Colour	Plug Ø	Plug length	Head Ø	Contents PU	Weight	Shipping box	Item No.
		mm	mm	mm	pcs	kg/PU	PU	
SP014 SPKK 5*35	Natural	5.00	35.00	7.70	200	0,63	10	951 00 0
SP014 SPKK 5*45	Natural	5.00	45.00	7.70	200	0,79	10	951 01 9
SP009 SPKK 6*40	Natural	6.00	40.00	7.90	200	0,91	10	931 70 4
SP009 SPKK 6*60	Natural	6.00	60.00	7.90	200	1,17	10	931 71 2
SP009 SPKK 6*70	Natural	6.00	70.00	7.90	100	0,76	10	931 72 0
SP009 SPKK 6*80	Natural	6.00	80.00	7.90	100	0,84	10	931 72 3
SP009 SPKK 8*60	Natural	8.00	60.00	9.60	100	1,01	10	931 73 9
SP009 SPKK 8*80	Natural	8.00	80.00	9.60	100	1,43	10	931 74 7
SP009 SPKK 8*100	Natural	8.00	100.00	9.60	100	1,58	10	931 75 5
P004 SPKK 8*120	Natural	8.00	120.00	9.60	100	1,69	10	943 91 3



## Speedplug SPKK, countersunk collar, countersunk head (PL053)

Nail plug for electrical engineers, sanitary installation engineers, drywall builders and roofers. Pre-assembled for the fixing of clips, profiles or slats on concrete, stone or masonry.

Steel Polyamide Galvanised

Type	Colour	Plug Ø	Plug length	Head Ø	Contents PU	Weight	Shipping box	Item No.
		mm	mm	mm	pcs	kg/PU	PU	
SP015 SPKK 5*45	Grey	5.00	45.00	7.70	100	0,36	10	951 02 1
SP010 SPKK 6*40	Light grey	6.00	40.00	7.90	100	0,41	10	931 70 8
SP010 SPKK 6*60	Light grey	6.00	60.00	7.90	100	0,54	10	931 72 5
SP010 SPKK 6*70	Light grey	6.00	70.00	7.90	50	0,38	10	931 72 6
SP010 SPKK 8*60	Light grey	8.00	60.00	9.60	50	0,51	10	931 74 1
SP010 SPKK 8*80	Light grey	8.00	80.00	9.60	50	0,59	10	931 74 6
PL030 SPKK 8 x 100	Grey	8.00	100.00	9.60	50	0,79	10	931 75 3



## Speedplug SPM M6, countersunk collar, threaded head (PL029)

Nail anchor for electrical engineers or sanitary installation engineers for fixing clips with an M6 thread.

Steel Galvanised

Type	Colour	Plug Ø	Plug length	Thread size	Thread increase	Contents PU	Weight	Shipping box	Item No.
		mm	mm	M	mm	pcs	kg/PU	PU	
SP007 SPM6 6*40	Natural	6.00	40.00	6.00	1.00	200	1,24	10	960 00 3
PL072 SPM6 6*80	Natural	6.00	80.00	6.00	1.00	100	0,96	10	943 11 5



# Nail anchor



## Speedplug SPM M7, countersunk collar, threaded head (PL027/PL033)

Nail plug for electrical engineers or sanitary installation engineers for fixing clips with an M7 thread.

Steel Galvanised

Type	Colour	Plug Ø mm	Plug length mm	Thread size M	Thread increase mm	Contents PU pcs	Weight kg/PU	Shipping box PU	Item No.
<b>SP004 SPM7 6*40</b>	Natural	6.00	40.00	7.00	1.00	200	1,19	10	<b>960 30 2</b>
<b>SP011 SPM7/1,5</b>	Natural	6.00	40.00	7.00	1.50	200	1,40	10	<b>962 69 0</b>



## Speedplug SPM M8, countersunk collar, threaded head (PL028/PL073)

Nail plug for electrical engineers or sanitary installation engineers for fixing clips with an M8 thread.

Steel Galvanised

Type	Colour	Plug Ø mm	Plug length mm	Thread size M	Thread increase mm	Contents PU pcs	Weight kg/PU	Shipping box PU	Item No.
<b>SP006 SPM8 8*45</b>	Natural	8.00	45.00	8.00	1.00	100	0,99	10	<b>960 04 6</b>
<b>SP024 SPM8 8*60</b>	Natural	8.00	60.00	8.00	1.00	100	1,24	10	<b>943 88 7</b>



## Speedplug SPP, countersunk collar, countersunk head (PL055)

To fix skirting boards.

Steel Painted

Type	Colour	Plug Ø mm	Plug length mm	Head Ø mm	Contents PU pcs	Weight kg/PU	Shipping box PU	Item No.
<b>SP017 SPP 5*35</b>	Brown	5.00	35.00	7.70	200	0,72	10	<b>970 02 5</b>
<b>SP017 SPP 5*45</b>	Brown	5.00	45.00	7.70	200	0,84	10	<b>970 03 3</b>



## Speedplug SPP, countersunk collar, countersunk head (PL066)

To fix skirting boards.

Steel Painted

Type	Colour	Plug Ø mm	Plug length mm	Head Ø mm	Contents PU pcs	Weight kg/PU	Shipping box PU	Item No.
<b>SP021 SPP 5*35</b>	White	5.00	35.00	7.70	200	0,72	10	<b>970 04 1</b>
<b>SP021 SPP 5*45</b>	White	5.00	45.00	7.70	200	0,84	10	<b>970 08 4</b>

## Speedplug SPHZ, wide collar, countersunk head (PL042)

To fix wood connectors.

Steel Galvanised

Type	Colour	Plug Ø	Plug length	Head Ø	Contents PU	Weight	Shipping box	Item No.
		mm	mm	mm	pcs	kg/PU	PU	
<b>PL042 SPHZ 8*50</b>	Natural	8.00	50.00	10.00	200	1,79	10	<b>994 40 2</b>



## Speedplug SPTB, mushroom collar, mushroom head (PL017)

To fix wall signs, cable conduits, steel, aluminium or plastic sheets.

Steel Galvanised

Type	Colour	Plug Ø	Plug length	Head Ø	Contents PU	Weight	Shipping box	Item No.
		mm	mm	mm	pcs	kg/PU	PU	
<b>SP001 SPTB 6*40</b>	Natural	6.00	40.00	8.00	200	0,80	10	<b>999 40 2</b>
<b>SP001 SPTB 6*50</b>	Natural	6.00	50.00	8.00	200	0,99	10	<b>999 40 1</b>
<b>SP001 SPTB 6*60</b>	Natural	6.00	60.00	8.00	200	1,17	10	<b>999 40 0</b>



## Speedplug SP stainless steel A2 (AISI 304), flat collar, cylinder head (RV028)

Nail plug for electrical engineers, sanitary installation engineers, drywall builders and roofers. Pre-assembled for the fixing of clips, profiles or slats on concrete stone or masonry.

Stainless steel, 304Cu

Type	Colour	Plug Ø	Plug length	Head Ø	Contents PU	Weight	Shipping box	Item No.
		mm	mm	mm	pcs	kg/PU	PU	
<b>SP026 SP 5*30</b>	Natural	5.00	30.00	7.70	200	0,55	10	<b>999 40 3</b>
<b>SP026 SP 5*35</b>	Natural	5.00	35.00	7.70	200	0,72	10	<b>999 39 4</b>
<b>SP026 SP 6*40</b>	Natural	6.00	40.00	8.00	200	0,91	10	<b>999 40 6</b>
<b>SP026 SP 6*55</b>	Natural	6.00	55.00	8.00	200	1,16	10	<b>999 40 7</b>
<b>SP026 SP 6*70</b>	Natural	6.00	70.00	8.00	100	0,76	10	<b>999 40 8</b>
<b>SP026 SP 8*70</b>	Natural	8.00	70.00	10.00	100	1,17	10	<b>999 41 1</b>



## Hammer plug KPA, countersunk collar, countersunk head (PL069)

To fix window and door frames.

Polyamide

Type	Colour	Plug Ø	Plug length	Head Ø	Contents PU	Weight	Shipping box	Item No.
		mm	mm	mm	pcs	kg/PU	PU	
<b>PL069 KPA 8*120</b>	Natural	8.00	120.00	9.60	100	1,94	12	<b>943 90 9</b>
<b>PL069 KPA 8*140</b>	Natural	8.00	140.00	9.60	100	2,30	12	<b>943 91 9</b>
<b>PL069 KPA 10*100</b>	Natural	10.00	100.00	12.50	50	1,39	12	<b>943 91 7</b>
<b>PL069 KPA 10*120</b>	Natural	10.00	120.00	12.50	50	1,63	12	<b>943 92 5</b>
<b>PL069 KPA 10*140</b>	Natural	10.00	140.00	12.50	50	1,96	10	<b>943 92 0</b>
<b>PL069 KPA 10*160</b>	Natural	10.00	160.00	12.50	50	2,23	12	<b>943 92 1</b>





# Nail anchor

## Hammer plug KPA, countersunk collar, countersunk head (PL069)

To fix window and door frames.

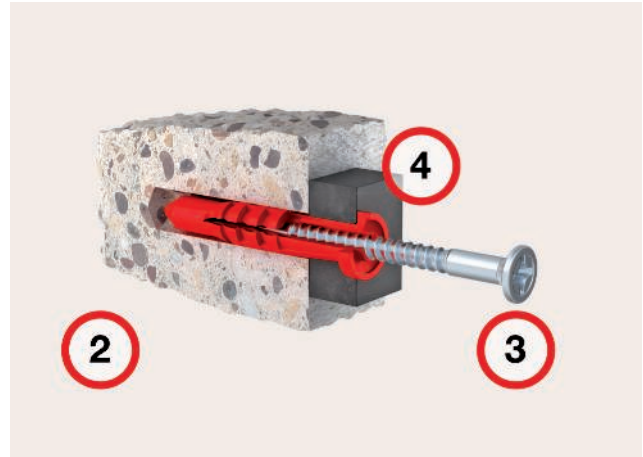
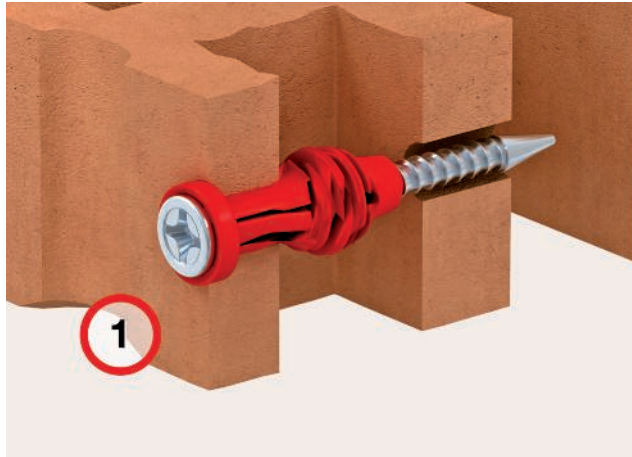
Polyamide



Type	Colour	Plug Ø mm	Plug length mm	Head Ø mm	Contents PU pcs	Weight kg/PU	Shipping box PU	Item No.
<b>PL069 KPA 8*120</b>	Grey	8.00	120.00	9.60	50	0,97	10	<b>945 13 4</b>
<b>PL069 KPA 10*100</b>	Grey	10.00	100.00	12.50	25	0,70	10	<b>945 16 3</b>
<b>PL069 KPA 10*120</b>	Grey	10.00	120.00	12.50	25	0,81	10	<b>945 19 0</b>
<b>PL069 KPA 10*140</b>	Grey	10.00	140.00	12.50	25	0,98	10	<b>945 19 8</b>
<b>PL069 KPA 10*160</b>	Grey	10.00	160.00	12.50	25	1,11	10	<b>945 20 8</b>

## Total-Fixx

### More than just a nail anchor



Fastening and supporting

### Four arguments for "one for all":

**1. Fixing in all kinds of different undergrounds**

- E.g. in cellular concrete, hollow bricks, plasterboard, etc.

**2. Time savings**

- Pre-assembled and suitable for pass-through fixing

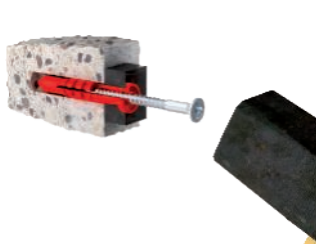
**3. Galvanised nail with pozidriv head**

- For a high level of corrosion resistance and easy dismantling

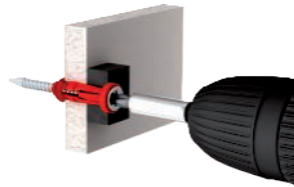
**4. Nylon anchors with flat collar**

- Crack-resistant, heat and cold-resistant  
- Resistant to aging

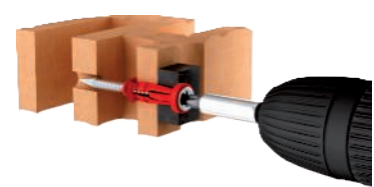
### Application / assembly



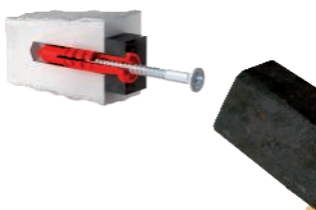
*Hammer in concrete*



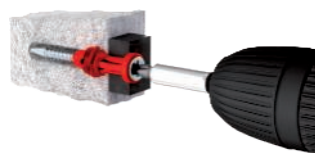
*Screwing in plasterboard*



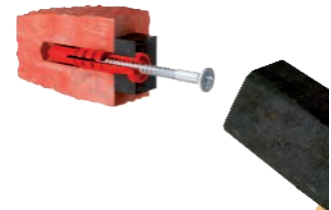
*Screwing in hollow brick*



*Hammer in cellular concrete*



*Screwing in sand limestone*



*Hammer in brick*

# Screw and nail anchor Total-Fixx

## CHARACTERISTIC:

- A nail anchor for knocking in or screwing into all kinds of different undergrounds, such as plasterboard, hollow brick and cellular concrete
- Especially suitable for fixing in electrical installations and drywall or partitioning
- To be used for a thickness up to 5 mm
- Total-Fixx is pre-assembled and is suitable for pass-through fixing

<b>Plug material:</b>	Polyamide (PA-6)
<b>Nail material:</b>	Steel, tensile strength 600 – 700 N/mm <sup>2</sup>
<b>Nail surface:</b>	Electrogalvanised
<b>Drive:</b>	Pozi 2 (PZ 2)

Drill hole	TF 5x30 [mm]	TF 6x40 [mm]
<b>Depth</b>	35	45
<b>Diameter</b>	5	6

Underground	TF 5x30 [KN]	TF 6x40 [KN]
Concrete	0.15	0.25
Hollow brick	0.07	0.10
Plasterboard plate	0.07	0.10
Cellular concrete	0.13	0.14

CAUTION: These are average pull-out values with a minimum safety factor of 5.



## Total-Fixx TF, flat collar, cylinder head (PL067)

For fixing in all kinds of different underground.

Steel Galvanised

Type	Colour	Plug Ø	Plug length	Head Ø	Contents PU	Weight	Shipping box	Item No.
		mm	mm	mm	pcs	kg/PU	PU	
<b>SP022 TF 5*30</b>	Red	5.00	30.00	7.70	200	0,55	10	<b>970 12 2</b>
<b>SP023 TF 6*40</b>	Red	6.00	40.00	8.00	200	0,84	10	<b>970 16 5</b>

## CHARACTERISTIC:

- No special tool is required for Gips-Fixx – simple knock it in horizontally with a hammer
- The ZAMAK drywall anchor can be turned in simply using a screwdriver without pre-drilling, self-tapping thread
- Suitable for various drywall panels or plasterboard

### Gips-Fixx, metal L (MZ026)

For fixing in all standard plasterboard or gypsum panels. Type L up to 13 mm material thickness. Suitable for screws with a  $\varnothing$  of 3.5 to 4.5 mm.

Steel Electrogalvanised

Type	Dimension	Plug $\varnothing$	Plug length	Contents PU	Weight	Shipping box	Item No.
		mm	mm	pcs	kg/PU	PU	
<b>MZ026 L 30 12</b>	$\varnothing$ 3,5-4,5 mm	12.00	30.00	100	0,08	20	<b>970 18 2</b>

100  
St./Pcs.

### Gips-Fixx, metal XL (MZ028)

For fixing in all standard plasterboard or gypsum panels. Type XL up to 26 mm material thickness. Suitable for screws with a  $\varnothing$  of 4.0 to 5.0 mm.

Steel Electrogalvanised

Type	Dimension	Plug $\varnothing$	Plug length	Contents PU	Weight	Shipping box	Item No.
		mm	mm	pcs	kg/PU	PU	
<b>MZ028 XL 43 24</b>	$\varnothing$ 16 mm L 43 mm	16.00	43.00	100	0,50	12	<b>970 18 4</b>

100  
St./Pcs.

### Plasterboard anchor, ZAMAK, turn-in (PG042)

Simply screw into the plasterboard plate with a cross recess drive. The thread is self-tapping. The object can be fastened using a screw ( $\varnothing$  4–5 mm).

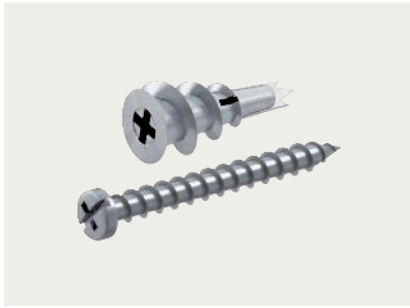
Die-cast zinc

Type	Plug $\varnothing$	Plug length	Contents PU	Weight	Shipping box	Item No.
	mm	mm	pcs	kg/PU	PU	
<b>PG042 31</b>	12.60	31.00	100	0,45	16	<b>905 13 9</b>

100  
St./Pcs.







100 St./Pcs.

## Plasterboard anchor, ZAMAK, turn-in incl. screw (MZ052)

Simply screw into the plasterboard plate with a cross recess drive.  
The thread is self-tapping.  
The object can be fastened using the included screw (4,5\*35mm, included).

Steel Mechanical zinc plated

Type	Plug Ø mm	Plug length mm	Contents PU pcs	Weight kg/PU	Shipping box PU	Item No.
<b>MZ052 31 4,5*35</b>	12.60	31.00	100	0,70	10	<b>999 11 6</b>



100 St./Pcs.

## Plasterboard anchor, plastic, turn-in (PG041)

Simply screw into the plasterboard plate with a cross recess drive.  
The thread is self-tapping.  
The object can be fastened using a screw (ø 4-5 mm).

Polyamide

Type	Colour	Plug Ø mm	Plug length mm	Contents PU pcs	Weight kg/PU	Shipping box PU	Item No.
<b>PG041 38</b>	Light grey	12.40	37.80	100	0,18	30	<b>905 13 8</b>

## CHARACTERISTIC:

- To be used to anchor light-weight components through outside plaster directly in solid insulation materials. Easily mounted without need of pre drilling due self-tapping thread and special point geometry.
- This way you can install letter boxes, outside lights or house numbers without using other tools through the outside plaster directly into the isolation, avoiding thermal bridges.
- To prevent water from penetrating a EPDM rubber washer (ø23 mmx2,5 mm) can be used to seal the plug collar. Before installing the insulation dowel place the rubber washer over the dowel point.

## TECHNICAL DATA:

- Load range From 3 to 5 kg.
- Suitable board 60 mm insulation board
- Drive dowel Torx 40
- Length dowel 63,5 mm
- Dimension head ø25 mm x 1,5mm
- Material: Polyamide (PA)
- Diameter screw usage Ø3,5 – 5 mm
- Max. drilling depth 50 mm

### Insulation Dowel (PG050)

Polyamide

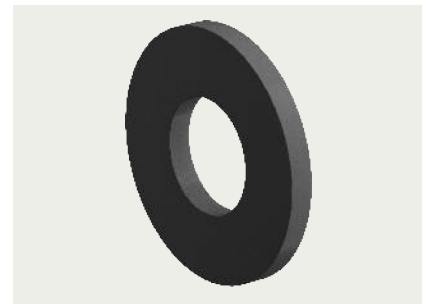
Type	Colour	Dimension	Screw system	Plug length mm	For screw diameter Ø	Contents PU pcs	Weight kg/PU	Shipping box PU	Item No.
<b>PG050 TX40</b>	White	TX40 63,5	TX 40	63.50	5.00	50	0,30	12	<b>900 52 0</b>



### Sealing washer for Insulation Dowel (PG051)

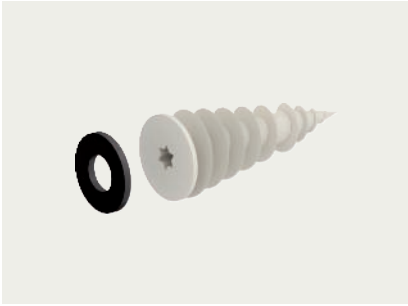
Ethylene propylene dien rubber DIN 1629

Type	Colour	Dimension	Material thickness mm	Contents PU pcs	Weight kg/PU	Shipping box PU	Item No.
<b>PG051</b>	Black	23*2,5	2.50	50	0,04	10	<b>900 52 2</b>



# Insulation dowel

## Insulation dowel + Sealing washer (PG052)



Polyamide

Type	Colour	Dimension	Screw system	Plug length mm	For screw diameter Ø	Contents PU pcs	Weight kg/PU	Shipping box PU	Item No.
<b>PG052</b>	White	63,5	TX 40	63.50	5.00	50	0,34	12	<b>900 51 8</b>



## CHARACTERISTIC:

- Easy to knock in
- Corrosion-free
- Can be used in concrete, full brick, calcareous sandstone, wood and other solid materials
- Quick, solid and decorative fastening

## TECHNICAL DATA:

- Plastic PA-6 is halogen and silicone-free
- Temperature resistance: 80 °C long-term, 130 °C short-term
- Plastic, flame-resistant acc. to UL 94 HB
- UV-resistant. The product can be used under UV-radiation in both dry warm, and humid warm, climates for at least 5 years, without any loss in the use properties
- Max. pull-out value: 400 Nm
- Max. shear value: 600 Nm

### Full nylon plug VK, white RAL9010 (VK001)

To fix wooden panels, skirting boards, cable ducts, plasterboard plates, windowsills, etc.

Polyamide

Type	Colour	Plug Ø mm	Plug length mm	Contents PU pcs	Weight kg/PU	Shipping box PU	Item No.
VK001 VK 6*40	White	6.00	40.00	200	0,19	16	955 09 3



### Full nylon plug VK, grey RAL7035 (VK001)

To fix wooden panels, skirting boards, cable ducts, plasterboard plates, windowsills, etc.

Polyamide

Type	Colour	Plug Ø mm	Plug length mm	Contents PU pcs	Weight kg/PU	Shipping box PU	Item No.
VK001 VK 6*40	Light grey	6.00	40.00	200	0,19	16	955 09 5



### Full nylon plug VK, black RAL9011 (VK001)

To fix wooden panels, skirting boards, cable ducts, plasterboard plates, windowsills, etc.

Polyamide

Type	Colour	Plug Ø mm	Plug length mm	Contents PU pcs	Weight kg/PU	Shipping box PU	Item No.
VK001 VK 6*40	Black	6.00	40.00	200	0,19	16	955 09 7





# Full nylon plug

## Full nylon plug VK, brown RAL8004 (VK001)

To fix wooden panels, skirting boards, cable ducts, plasterboard plates, windowsills, etc.

Polyamide



Type	Colour	Plug Ø mm	Plug length mm	Contents PU pcs	Weight kg/PU	Shipping box PU	Item No.
VK001 VK 6*40	Brown	6.00	40.00	200	0,19	16	955 09 4

## CHARACTERISTIC:

- Easy to knock in
- Corrosion-free
- Can be used in concrete, full brick, calcareous sandstone, wood and other solid materials
- Quick and solid fastening
- For cable ties of up to 9 mm
- Drill hole  $\varnothing$  6 mm or  $\varnothing$  8 mm (depending on version)

## Full nylon plug for cable ties VKKL (VK002/VK005)

To fix pipes or cables with a cable tie (9 mm).

Polyamide

Type	Colour	Plug $\varnothing$ mm	Plug length mm	Contents PU pcs	Weight kg/PU	Shipping box PU	Item No.
VK002 6x40	Black	6.00	40.00	200	0,33	12	955 09 8
VK005 VKKL 8*40	Black	8.00	40.00	100	0,19	16	955 10 1



# Spring anchor

## CHARACTERISTIC:

- With threaded rod, washer and nut
- Available with or without ceiling hook



50  
St./Pcs.

### Spring anchor with ceiling hook (SC023)

For rapid fastening in false ceilings.

Steel    Electrogalvanised

Type	Length mm	Drill hole Ø mm	Thread size M	Contents PU pcs	Weight kg/PU	Shipping box PU	Item No.
<b>SC023 M4*70 H</b>	70.00	14	4.00	50	0,95	10	<b>904 45 1</b>



50  
St./Pcs.

### Spring anchor without ceiling hook (SC022)

For rapid fastening in false ceilings.

Steel    Electrogalvanised

Type	Length mm	Drill hole Ø mm	Thread size M	Contents PU pcs	Weight kg/PU	Shipping box PU	Item No.
<b>SC022 M4*95</b>	95.00	14	4.00	50	0,95	10	<b>904 45 0</b>

## CHARACTERISTIC:

- With threaded rod, washer and nut
- Available with or without ceiling hook

### Tilting anchor with ceiling hook (SC021)

For rapid fastening in false ceilings.

Steel Electrogalvanised

Type	Length mm	Drill hole Ø mm	Thread size M	Contents PU pcs	Weight kg/PU	Shipping box PU	Item No.
<b>SC021 M4*55 H</b>	55.00	13	4.00	50	1,63	8	<b>904 45 3</b>
<b>SC021 M5*65 H</b>	65.00	13	5.00	50	1,93	12	<b>904 44 8</b>
<b>SC021 M6*100 H</b>	100.00	16	6.00	50	2,13	6	<b>904 44 9</b>



50  
St./Pcs.

### Tilting anchor without ceiling hook (SC020)

For rapid fastening in false ceilings.

Steel Electrogalvanised

Type	Length mm	Drill hole Ø mm	Thread size M	Contents PU pcs	Weight kg/PU	Shipping box PU	Item No.
<b>SC020 M4x100</b>	100.00	13	4.00	50	1,66	8	<b>904 45 4</b>
<b>SC020 M5x100</b>	100.00	13	5.00	50	1,91	8	<b>904 45 2</b>
<b>SC020 M6x100</b>	100.00	16	6.00	50	2,63	6	<b>904 44 7</b>



50  
St./Pcs.

## CHARACTERISTIC:

- Internal toothing
- Cable tie for use in the electrical installation according to DIN EN 62275 VDE 0604-201:2010-07
- With plastic tongue/tab

## TECHNICAL DATA:

- Polyamide 6.6, halogen-free
- UL approval 94, Class V2
- Application temperature: -40 °C to +85 °C
- Mounting temperature: -10 °C to +60 °C
- Melting point at 256 °C



## Cable tie, standard, natural (OZ090)

Polyamide

Type	Colour	Width mm	Length mm	Bundle ø, max. mm	Minimum retaining force N	Thickness mm	Contents PU pcs	Weight kg/PU	Shipping box PU	Item No.
OZ090 / 2,5*75	Natural	2.40	75.00	13.00	80.00	1.00	100	0,02	10	905 61 0
OZ090 / 2,5*100	Natural	2.50	100.00	35.00	80.00	1.00	100	0,03	10	905 61 1
OZ090 / 2,5*150	Natural	2.50	150.00	35.00	80.00	1.30	100	0,05	10	905 61 2
OZ090 / 2,5*200	Natural	2.50	203.00	50.00	80.00	1.30	100	0,07	10	905 61 3
OZ090 / 3,6*150	Natural	3.60	150.00	33.00	180.00	1.40	100	0,07	10	905 61 4
OZ090 / 3,6*200	Natural	3.60	203.00	47.00	180.00	1.40	100	0,11	10	905 61 5
OZ090 / 3,6*292	Natural	3.60	292.00	75.00	180.00	1.40	100	0,14	10	905 61 6
OZ090 / 3,6*368	Natural	3.60	368.00	96.00	180.00	1.40	100	0,18	10	905 61 7
OZ090 / 4,8*120	Natural	4.80	120.00	24.00	220.00	1.50	100	0,09	10	905 61 8
OZ090 / 4,8*160	Natural	4.80	160.00	35.00	280.00	1.60	100	0,11	10	905 61 9
OZ090 / 4,8*203	Natural	4.80	203.00	47.00	220.00	1.60	100	0,15	10	905 62 0
OZ090 / 4,8*300	Natural	4.80	300.00	76.00	220.00	1.60	100	0,23	10	905 62 1
OZ090 / 4,8*368	Natural	4.80	368.00	96.00	220.00	1.50	100	0,27	10	905 62 2
OZ090 / 4,8*432	Natural	4.80	430.00	115.00	220.00	1.50	100	0,33	10	905 62 3
OZ090 / 7,6*203	Natural	7.60	203.00	47.00	530.00	1.80	100	0,27	10	905 62 4
OZ090 / 7,6*300	Natural	7.60	301.00	73.00	530.00	1.60	100	0,39	10	905 62 5
OZ090 / 7,6*380	Natural	7.60	380.00	96.00	530.00	2.00	100	0,58	10	905 62 6
OZ090 / 8*450	Natural	8.00	450.00	117.00	530.00	1.90	100	0,75	10	905 62 7
OZ090 / 9*762	Natural	9.00	762.00	208.00	800.00	2.00	100	1,41	10	905 62 8



## Cable tie, standard, UV-resistant, black (OZ090)

The addition of carbon, means that it is UV-resistant according to EN ISO 4890, corresponds to approx. 3 years of sunlight, with plastic tongue/tab, according to DIN EN 62275 VDE 0604-201:2010-07

UL approval 94, Class V2

Use temperature -40 °C to 85 °C, mounting temperature -10 °C to 60 °C

Melting point at 256 °C

Oxygen index [LOI]: 27%, moisture intake 2.7% at 50% relative humidity

Polyamide



Type	Colour	Width mm	Length mm	Bundle ø, max. mm	Minimum retaining force N	Thickness mm	Contents PU pcs	Weight kg/PU	Shipping box PU	Item No.
OZ090 / 2,5*75	Black	2.40	75.00	13.00	80.00	1.00	100	0,02	10	905 62 9
OZ090 / 2,5*100	Black	2.50	100.00	20.00	80.00	1.00	100	0,03	10	905 63 0
OZ090 / 2,5*150	Black	2.50	150.00	35.00	80.00	1.30	100	0,05	10	905 63 1
OZ090 / 2,5*200	Black	2.50	203.00	50.00	80.00	1.30	100	0,07	10	905 63 2
OZ090 / 3,6*150	Black	3.60	150.00	33.00	180.00	1.40	100	0,07	10	905 63 3
OZ090 / 3,6*200	Black	3.60	203.00	47.00	180.00	1.40	100	0,11	10	905 63 4
OZ090 / 3,6*292	Black	3.60	292.00	75.00	180.00	1.40	100	0,14	10	905 63 5
OZ090 / 3,6*368	Black	3.60	368.00	96.00	180.00	1.40	100	0,18	10	905 63 6
OZ090 / 4,8*120	Black	4.80	120.00	24.00	220.00	1.50	100	0,09	10	905 63 7
OZ090 / 4,8*160	Black	4.80	160.00	35.00	280.00	1.60	100	0,11	10	905 63 8
OZ090 / 4,8*203	Black	4.80	203.00	47.00	220.00	1.60	100	0,15	10	905 63 9
OZ090 / 4,8*300	Black	4.80	300.00	76.00	220.00	1.60	100	0,23	10	905 64 0
OZ090 / 4,8*368	Black	4.80	368.00	96.00	220.00	1.50	100	0,26	10	905 64 1
OZ090 / 4,8*432	Black	4.80	430.00	115.00	220.00	1.50	100	0,33	10	905 64 2
OZ090 / 7,6*203	Black	7.60	203.00	47.00	530.00	1.80	100	0,27	10	905 64 3
OZ090 / 7,6*300	Black	7.60	301.00	73.00	530.00	1.60	100	0,39	10	905 64 4
OZ090 / 7,6*380	Black	7.60	380.00	96.00	530.00	2.00	100	0,53	10	905 64 5
OZ090 / 8*450	Black	8.00	450.00	117.00	530.00	1.90	100	0,75	10	905 64 6
OZ090 / 9*762	Black	9.00	762.00	208.00	800.00	2.00	100	1,41	10	905 64 7

# Cable ties and accessories

## CHARACTERISTIC:

- Self-adhesive
- 2-way fastening (horizontal or vertical)
- Simply stick the base to a flat surface and fasten the required object using cable ties
- Maximum cable tie size for
  - 19 x 19 mm: Width 4.1 mm, height 4 mm
  - 27 x 27 mm: Width 4.8 mm, height 6 mm

## TECHNICAL DATA:

- Material ABS (acrylonitrile butadiene styrene)
- UL approval 94, Class HB
- For loads up to 0.36 kg/m<sup>3</sup> at +15 °C to +40 °C
- Application temperature: -10 °C to +60 °C



### 2-way fastening base for cable ties, natural (OZ067)

Self-adhesive, made of ABS (acrylonitrile butadiene styrene) for loads of up to 0.36 kg/cm<sup>3</sup> at 15 °C to 40 °C  
Application temperature between -10 °C and 60 °C, UL approval 94-HB  
Acrylonitrile butadiene styrene

Type	Colour	Width mm	Length mm	Contents PU pcs	Weight kg/PU	Shipping box PU	Item No.
<b>OZ067 19 x 19 mm</b>	Natural	19.00	19.00	100	0,07	150	<b>904 63 0</b>
<b>OZ067 27 x 27 mm</b>	Natural	27.00	27.00	100	1,77	60	<b>904 63 2</b>



### 2-way fastening base for cable ties, black (OZ067)

Self-adhesive, made of ABS (acrylonitrile butadiene styrene) for loads of up to 0.36 kg/cm<sup>3</sup> at 15 °C to 40 °C  
Application temperature between -10 °C and 60 °C, UL approval 94-HB  
Acrylonitrile butadiene styrene

Type	Colour	Width mm	Length mm	Contents PU pcs	Weight kg/PU	Shipping box PU	Item No.
<b>OZ067 19 x 19 mm</b>	Black	19.00	19.00	100	0,07	150	<b>904 63 1</b>
<b>OZ067 27 x 27 mm</b>	Black	27.00	27.00	100	0,18	60	<b>904 63 3</b>

## CHARACTERISTIC:

- Outer toothing to avoid cable damage
- Flat head, also for temporary installation for preliminary work
- The flat head means the cable tie fits tightly
- With plastic tongue/tab

## TECHNICAL DATA:

- technical Polyamide, halogen-free
- UL approval 94, Class HB
- The addition of carbon means that the cable tie is UV-resistant to EN ISO 4890 (corresponds to approx. 3 years of sunlight)
- Application temperature: -45 °C to +85 °C
- Mounting temperature: -30 °C to +60 °C
- Melting point: 256 °C

### Flat head cable tie (OZ077)

With plastic tongue/lug, according to DIN EN 50146. The addition of carbon means that the cable tie is UV-resistant to EN ISO 4890 (corresponds to approx. 3 years of sunlight), oxygen index [LOI]: 22%

Polyamide

Type	Colour	Width mm	Length mm	Bundle ø, max. mm	Minimum retaining force N	Thickness mm	Contents PU pcs	Weight kg/PU	Shipping box PU	Item No.
<b>OZ077/9 x 132</b>	Black	9.00	132.00	27.00	390.00	1.90	100	0,23	48	<b>904 59 0</b>
<b>OZ077/9 x 180</b>	Black	9.00	180.00	40.00	390.00	1.90	100	0,35	20	<b>904 59 1</b>



### Double flat-head cable tie (OZ077)

With plastic tongue/lug, according to DIN EN 50146. The addition of carbon means that the cable tie is UV-resistant to EN ISO 4890 (corresponds to approx. 3 years of sunlight), oxygen index [LOI]: 22%

Polyamide

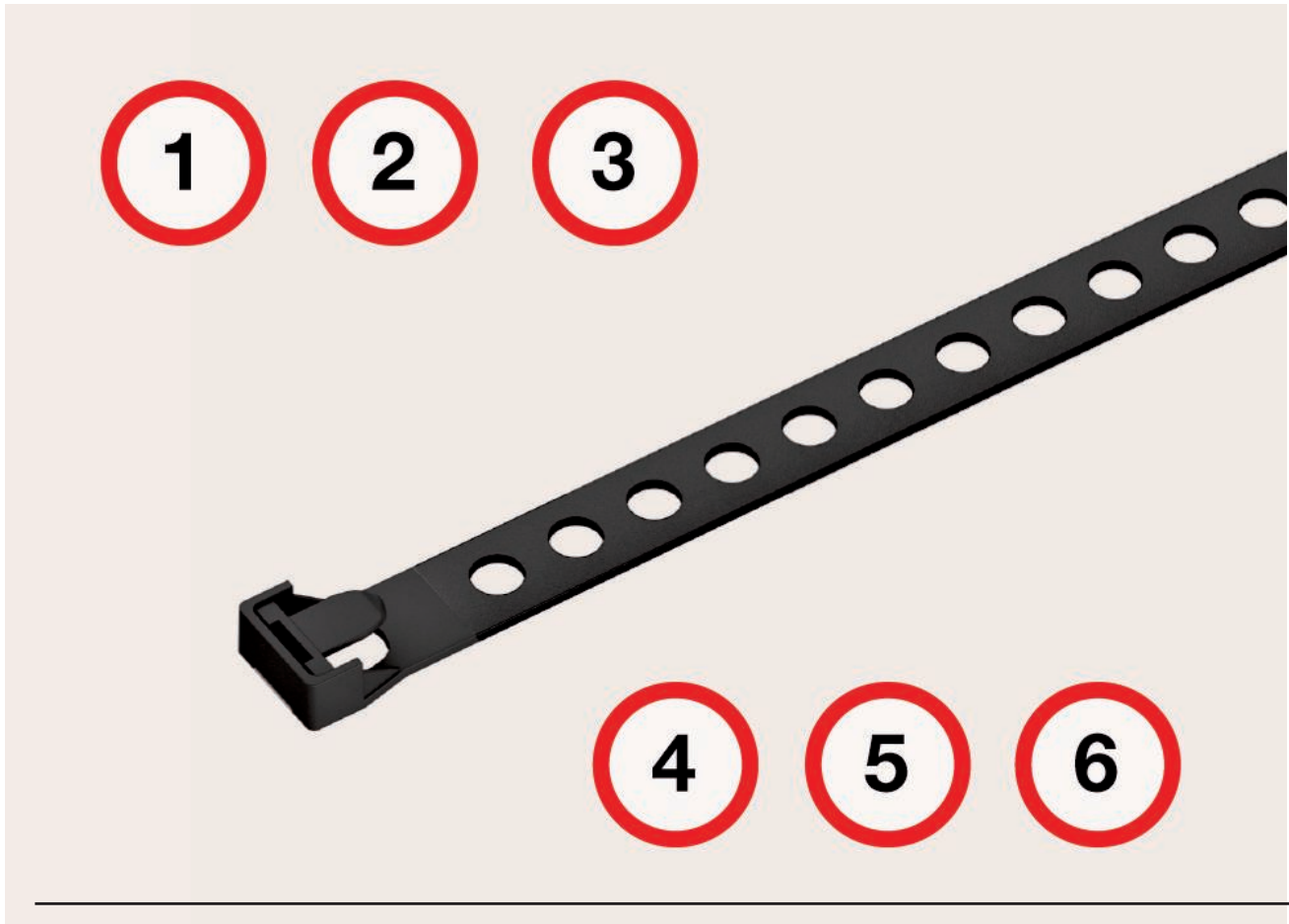
Type	Colour	Width mm	Length mm	Bundle ø, max. mm	Minimum retaining force N	Thickness mm	Contents PU pcs	Weight kg/PU	Shipping box PU	Item No.
<b>OZ077/9 x 260</b>	Black	9.00	260.00	62.00	540.00	1.90	100	0,58	20	<b>904 59 2</b>
<b>OZ077/9 x 360</b>	Black	9.00	360.00	93.00	540.00	1.90	100	0,77	15	<b>904 59 3</b>



## Universal cable tie with hole. Simple, reclosable

### Universal cable tie with hole

simple, quick, reclosable



### To help reduce cable clutter:

- |  |                                    |
|--|------------------------------------|
| 1. Fixing on wall or roof  | 4. Diameter hole 3,5 mm            |
| 2. Material PA 6.6, UV resistant, halogen-free                       | 5. Inside and outside interlocking |
| 3. Tensile Strength at 23C: 844kg/cm <sup>2</sup> acc. to ASIM D-638 | 6. reclosable                      |

### Application / assembly



Fixing on the wall or roof, insert the cables and fasten cable tie

## CHARACTERISTICS:

Available in the following models:

- With Plastic Lip, reclosable
- Lengths 200-280-385cm

## TECHNICAL DATA:

- Material: PA 6.6, UV-resistant, halogenfree
- Colour: black
- Flame-resistant: UL 94V-2
- Application temperature: -40°C to +85°C
- Tensile strength: at 23°C; 84kg/cm<sup>3</sup> acc. ASTM D-638
- Further specification: ASTM-D4066 PA181
- Hole diameter: 3,5mm
- Toothing: reclosable version only external

### Universal cable tie with hole, reclosable (OZ091)

for bundling cables and easy installation via a screw or nail to wall or ceiling.

Polyamide

Type	Colour	Width mm	Length mm	Bundle ø, max. mm	Minimum retaining force N	Thickness mm	Contents PU pcs	Weight kg/PU	Shipping box PU	Item No.
OZ091 10*200 mm	Black	10.00	200.00	50.00	220.00	1.60	100	0,31	10	905 21 1
OZ091 10*280 mm	Black	10.00	280.00	75.00	220.00	1.60	100	0,41	10	905 21 4
OZ091 10*385 mm	Black	10.00	385.00	100.00	220.00	1.60	100	0,45	10	905 21 7





## CHARACTERISTIC:

- Internal tothing
- With plastic tongue/tab
- Minimum retaining force: 360 N
- Fastening using anchor and screw M6/M7

## TECHNICAL DATA:

- Polyamide 6.6, halogen-free
- UL approval 94, Class V2
- Application temperature: -40 °C to +85 °C
- Mounting temperature: -15 °C to +60 °C
- Colour grey (RAL7035)



### Fastening tie, screw-on (OZ073)

For quick and flexible fastening of pipes or cables with an integrated cable tie. Fixing use M7 thread or appropriate screw.

Polyamide

Type	Colour	Width mm	Length mm	For pipe Ø mm	Minimum re- taining force N	Thickness mm	Contents PU pcs	Weight kg/PU	Shipping box PU	Item No.
<b>OZ073 16-32</b>	Light grey	7.50	180.00	16.00-32.00	360.00	1.45	100	0,60	1	<b>991 50 5</b>
<b>OZ073 40-63</b>	Light grey	7.50	280.00	40.00-63.00	360.00	1.45	100	0,90	1	<b>991 50 7</b>



### Push-in anchor for fastening tie M6/M7 (VK003)

Push-in anchor for ø 8 mm drill hole.

With M7 thread for fastening to fastening tie, incl. base (OZ073).

Polyamide

Type	Colour	Dimension	Contents PU pcs	Weight kg/PU	Shipping box PU	Item No.
<b>VK003 M7 10x43</b>	Light grey	10*37	100	0,20	0	<b>991 53 0</b>



### Speedplug SPM M7, countersunk collar, countersunk head

Nail plug for electrical engineers or sanitary installation engineers for fixing clips with an M7 thread.

Steel Galvanised

Type	Colour	Plug Ø mm	Plug length mm	Thread size M	Thread increase mm	Contents PU pcs	Weight kg/PU	Shipping box PU	Item No.
<b>SP011 SPM7/1,5</b>	Natural	6.00	40.00	7.00	1.50	200	1,40	10	<b>962 69 0</b>

## CHARACTERISTIC:

- Suitable for use with Fixpin
- Length: 10 Meter

### Metal mounting strip, straight (MZ23)

To fasten pipes on concrete.

Steel Galvanised

Type	Width mm	Height mm	Length m	Hole- Ø mm	Contents PU m	Weight kg/PU	Shipping box PU	Item No.
<b>MZ23 12*0,70 mm</b>	12.00	0.75	10.00	5.20	10	0,51	10	<b>900 92 5</b>
<b>MZ23 17*0,84 mm</b>	17.00	0.75	10.00	6.50	10	0,83	10	<b>900 93 6</b>
<b>MZ23 25*0,7 mm</b>	25.00	0.75	10.00	8.50	10	1,10	10	<b>900 94 8</b>
<b>MZ23 12*0,75 10</b>	12.00	—	—	—	2	1,08	10	<b>910 29 7</b>
<b>MZ23 25*0,70 10</b>	25.00	—	—	—	1	10,95	1	<b>901 01 8</b>

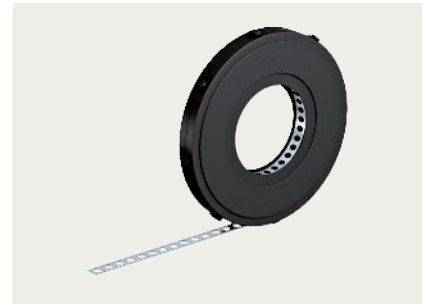


### Metal mounting strip, straight, in plastic cassette (MZ029)

To fasten pipes on concrete.

Steel Strip-galvanised Galvanised

Type	Width mm	Height mm	Length m	Hole- Ø mm	Contents PU m	Weight kg/PU	Shipping box PU	Item No.
<b>MZ029 12*0,7mm</b>	12.00	0.75	10.00	5.10	1	0,57	10	<b>900 92 7</b>
<b>MZ029 17*0,75 mm</b>	17.00	0.75	10.00	6.50	10	0,86	10	<b>900 93 4</b>
<b>MZ029 25*0,75 mm</b>	25.00	0.75	10.00	8.50	1	1,21	1	<b>900 93 5</b>



### Metal mounting strip, waved, in plastic cassette (MZ090)

To fasten pipes on concrete.

Steel Galvanised

Type	Width mm	Height mm	Length m	Hole- Ø mm	Contents PU pcs	Weight kg/PU	Shipping box PU	Item No.
<b>MZ090 12*0,70 mm</b>	12.00	0.70	10.00	5.10	10	4,86	1	<b>905 27 3</b>



## Mounting strip, metal



### Metal mounting strip, plastic-covered (MZ024)

To fix pipes and cables on concrete.

Steel Strip galvanised/powder-coated

Type	Colour	Width mm	Height mm	Length m	Hole- Ø mm	Contents PU m	Weight kg/PU	Shipping box PU	Item No.
<b>MZ024 14*0,75 mm</b>	Black	14.00	3.00	10.00	5.20	10	0,64	10	<b>900 92 6</b>
<b>MZ024 19*0,75 mm</b>	Black	19.00	2.00	10.00	6.50	10	0,96	10	<b>900 93 7</b>
<b>MZ024 27*0,75 mm</b>	Black	27.00	3.00	10.00	8.50	10	1,43	10	<b>900 94 7</b>

## CHARACTERISTIC:

- Suitable for fastening with Fixpin or other nails and screws
- Multiple use as tear-resistant
- High-quality polypropylene (PP), UV-lasting

### Fabric strip, plastic, black (MZ027)

To fix pipes and cables on concrete.

Polypropylene

Type	Colour	Width mm	Height mm	Length m	Contents PU pcs	Weight kg/PU	Shipping box PU	Item No.
MZ027 15mm*1,3mm	Black	15.00	1.30	10.00	10	0,07	10	900 72 7
MZ027 / 15mm*1,3mm	Black	15.00	1.30	15.00	1	0,12	10	900 92 8
MZ027 15mm*1,3mm	Black	15.00	1.30	25.00	1	0,18	10	900 73 0
MZ027 15mm*1,3mm	Grey	15.00	1.30	10.00	10	0,93	1	900 95 5
MZ027 15mm*1,3mm	Grey	15.00	1.30	25.00	10	2,11	1	900 95 6



PP

### Fabric strip, plastic, grey (MZ027)

To fix pipes and cables on concrete.

Polypropylene

Type	Colour	Width mm	Height mm	Length m	Contents PU pcs	Weight kg/PU	Shipping box PU	Item No.
MZ027 15mm*1,3mm	Grey	15.00	1.30	10.00	1	0,07	10	900 72 6
MZ027 15mm*1,3mm	Grey	15.00	1.30	15.00	10	0,15	10	900 72 8
MZ027 15mm*1,3mm	Grey	15.00	1.30	25.00	10	0,21	10	900 72 9



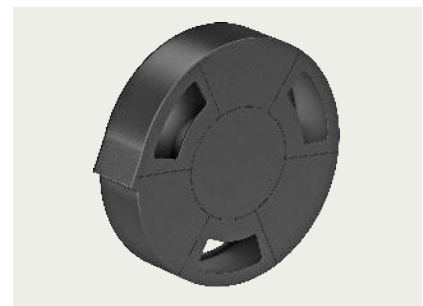
PP

### Cassette for fabric strip, plastic (MZ030)

Plastic cassette for fabric strip up to 15 m.  
The fabric strip is not included!

Polypropylene

Type	Dimension	Contents PU pcs	Weight kg/PU	Shipping box PU	Item No.
MZ030 15	15 mm	1	0,09	10	900 93 9



PP

## Knotted chain and accessories

### CHARACTERISTIC:

- Chain according to DIN 5686, not certified



### Knotted chain (MZ050)

For the suspension of elements such as lighting and signs.

Steel Electrogalvanised

Type	Dimension	Length m	Contents PU pcs	Weight kg/PU	Shipping box PU	Item No.
<b>MZ050 2,0*28</b>	2,0*28/30 Meter	30.00	1	2,40	1	<b>981 67 0</b>
<b>MZ050 2,5*35</b>	2,5*35/30 Meter	30.00	1	3,50	1	<b>981 67 1</b>
<b>MZ050 3,1*41</b>	3,1*41/30 Meter	30.00	1	6,00	1	<b>981 67 2</b>



### S hook (MZ051)

Can be used in conjunction with chains.

Steel Electrogalvanised

Type	Dimension	Contents PU pcs	Weight kg/PU	Shipping box PU	Item No.
<b>MZ051 3,0*25</b>	3,0*25 mm	100	0,47	16	<b>981 67 3</b>



**APPLICATION:**

- **Fixpin setting tool with hand protection (black grip)**  
Suitable for knocking in Fixpin (not suitable for Fixpin with removable head)
- **Fixpin setting tool with hand protection (red grip)**  
Suitable for Fixpin with removable head
- **M6 setting tool (without grip)**  
Suitable for M6 dowel

**CHARACTERISTIC:**

- For use with 1 kg hammer
- Manufactured from tool steel of very high quality (corresponds to DIN 7255 safety standard)

### Setting tool with hand protection (KS207)

For knocking in a FixPin with ø 4 mm. The setting tool with a black grip is not suitable for FixPin with removable head.

Steel Electrogalvanised

Type	Colour	Dimension	Contents PU pcs	Weight	Shipping box PU	Item No.
KS207	Black	Ø 4,0 mm	10	4,90	1	903 04 0



### Setting tool with hand protection for Fixpin with removable head (KS246)

For knocking in a FixPin with ø 4 mm. The setting tool with a red grip is only suitable for FixPin with removable head.

Steel Electrogalvanised

Type	Colour	Dimension	Contents PU pcs	Weight	Shipping box PU	Item No.
KS246	Red	Ø 4,0 mm	10	5,34	1	903 04 2



### Setting tool with hand protection (KS354)

For knocking in a FixPin with ø 4 mm. The setting tool with a black grip is not suitable for FixPin with removable head.

Steel Electrogalvanised

Type	Colour	Dimension	Contents PU pcs	Weight	Shipping box PU	Item No.
KS354	Black	Ø 4,0 mm	10	4,15	1	903 04 3



## Setting tool without hand protection (KS170)



Item 903512:  
For knocking in M6 dowels, painted red.  
The red colour allows easy detection of the grip area.  
The unpainted end contains the 10 mm-deep opening for the head of the M6 dowel.

Item 903516:  
Not painted.

Steel      Electrogalvanised

Type	Colour	Dimension	Contents PU pcs	Weight kg/PU	Shipping box PU	Item No.
<b>KS170 M6</b>	—	M6	1	0,15	10	<b>903 51 2</b>

## CHARACTERISTIC:

- Robust metal housing
- Ergonomic design
- Process-safe clamping

## 2 Versions

- Depending on the version with automatic cutting for plastic cable ties of widths between 2.2 and 4.8 mm
- Including adjustable tightening tension or with manual cutting for plastic cable ties of widths between 3.6 and 13 mm
- With cutting button for controlled cutting

### Cable tie pliers, automatic cut-off (OZ068)

For automatic tensioning and cutting of cable ties with max. width 5 mm.

Steel

Type	Colour	Dimension	Contents PU pcs	Weight kg/PU	Shipping box PU	Item No.
OZ068 2,2-4,8	Red	2,2-4,8	1	0,31	1	903 60 1



### Cable tie pliers, manual cut-off (OZ069)

For simple tensioning and cutting of cable ties with max. width 13 mm.

Steel

Type	Colour	Dimension	Contents PU pcs	Weight kg/PU	Shipping box PU	Item No.
OZ069 3,6-13	Red	3,6-13	1	0,26	1	903 60 0





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# Pictogram explanation



















## General information

	Do not use continuously outdoors
	Can be used outdoors
	New products
	Halogen-free
	UV-resistant






## Conformity symbol

	Communautés Européennes, EC declaration of conformity according to EC directives
	RoHS-conformant





## Nail head

	Flat head, embossed
	Flat head, smooth
	Rounded head
	Half rounded head
	Half rounded head, flat
	Flat rounded head
	Countersunk head
	Countersunk head, embossed
	Compression head
	Panel head
	Panhead
	Washer head
	Head for shot nails
	Plastic head
	M4 thread
	M6 thread
	M7 thread
	M8 thread



## Nail shank

	Smooth shank
	Fluted shank
	Interrupted fluted shaft
	Embossed shank
	Fluted shaft (ring shaft)






## Nail shank

	Screw shank with 5° inclination
	Screw shank with 27.5° inclination
	Screw shank with 60° inclination
	Screw shank with 65° inclination








## Nail tip

	Diamond tip
	Ballistic tip
	Round tip







## Screw drive

	Philips screw (Pozi 2)
	Combination Philips
	Slot
	Torx
	Hexagon head


## Anchor collar

	Without collar
	Narrow collar
	Wide collar
	Mushroom collar
	Countersunk collar
	Wide countersunk collar
	Narrow countersunk collar



## Shrink rate

	Shrink rate 2:1
	Shrink rate 3:1
	Shrink rate 4:1
	Shrink rate with inner adhesive 2:1
	Shrink rate with inner adhesive 3:1
	Shrink rate with inner adhesive 4:1






## Protection type

	Protection rating IP54
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## Voltage

	Nominal voltage 250V
	Nominal voltage 380 V














## Voltage

	Nominal voltage 400 V
	Nominal voltage 450 V
	Nominal voltage 600 V
	Nominal voltage 650 V
	Nominal voltage 750 V

## Rail

	Slot width 11 mm for C profile
	Slot width 16.5 mm for C profile
	Hammerhead foot for C profile

## Material

	Polyamide
	Polyamide 6.6
	Polycarbonate
	Polyethylene
	Polyethylene High Density (HDPE)
	Polyolefin
	Polypropylene
	Polystyrene
	Polytetrafluoroethylene (Teflon)
	Polyvinylchloride
	Acrylonitrile butadiene styrene
	Butyl rubber
	Viscose fabric



## Test marks

	Österreichischer Verband für Elektrotechnik
	Verband der Elektrotechnik, Elektronik und Informationstechnik
	Keuring van Elektrotechnische Materialen te Arnhem
	KIWA quality mark
	Eidgenössisches Starkstrominspektorat ESTI
	Svenska Elektriska Materielkontrollanstalten (SEMKO)
	Norme Française (AFAQ AFNOR)
	Norges Elektriske Materielkontroll (NEMKO)
	Finlands Material Kontroll (FIMKO)

## Test marks

	Elektrotechnický Zkušební Ústav
	Dansk Elektrisk Materiel Kontrol (DEMKO)
	Comité Electrotechnique Belge/Belgisch Elektrotechnisch Comité (CEBEC)
	Stowarzyszenie Elektryków Polskich (BBJ-SEP)
	Asociación Española de Normalización y Certificación (AENOR)
	Государственные стандарты Российской Федерации (ГОСТ-Р) Gosudarstvennyi standarty Rossiiskoi Federatsii (GOST-R)
	Underwriters Laboratories
	UL Recognized Component Mark
	European Norms Electrical Certification (ENEC) 11 = Country code for ÖVE (Austria)
	American Bureau of Shipping
	Germanischer Lloyd
	Lloyd's Register

## Contents, packing unit (PU)

	0.4 kg
	1 kg
	2 kg
	2.5 kg
	5 kg
	1 piece
	10 pieces
	20 pieces
	25 pieces
	30 pieces
	40 pieces
	50 pieces
	100 pieces
	125 pieces
	150 pieces
	175 pieces
	200 pieces

# Pictogram explanation

## Contents, packing unit (PU)

 250 pieces
 300 pieces
 400 pieces
 500 pieces
 700 pieces
 1,000 pieces
 1.425 pieces

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### Notes

- Prices and conditions of sale available upon request.
- Weights and no. of pcs. per packing unit are approximate.
- We reserve the right to modify our product specifications without prior notice.
- All transactions are made in accordance with the ORGALIME S2000 general conditions for the supply of "Mechanical, Electrical and Electronic Products" (Brussels, august 2000).

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