



PRODUCT CATALOGUE

07/2016





Dear Customers,

As a reputed screw manufacturer and supplier, we are dedicated to developing innovative fastening technology for professionals. Run-of-the-mill is simply not enough for us and we work hard to ensure our further development on a daily basis. This way we are ready for whatever the future brings and can continue to impress our customers with unique and innovative product solutions.

As this new product catalogue shows, we really do take your needs seriously and do our best to incorporate them into the planning and design of any new products. As a result, we have completely overhauled our stock and have optimised and expanded our product range across all screw types since the last publication.

The HECO product catalogue is designed to make your daily work that bit easier. Clearly arranged and structured, our catalogue showcases the complete range of HECO products, the huge variety of dimensions and recesses available, as well as comprehensive descriptions of the various application options. **Our latest highlight: the new MULTI-MONTI-plus screw anchor generation** with hexagon head with combined washer, optimised concrete thread and new function tip for even more application options in concrete and masonry.

To simplify the finding of products within the catalogue we have colour-coded the 7 product groups (see overview on page 8). Overall navigation is easier, as we have provided a code designation for all HECO branded products and added dimensioned drawings of the respective screws. All relevant product information is available online at www.heco-schrauben.com too.

Please be aware that HECO reserves the right to make changes to the product range and technical modifications to individual products at any time without prior notice. Furthermore, HECO cannot offer any guarantee on the accuracy or completeness of the information provided. Guarantee claims in connection with changes to products or product ranges, or for possible mistakes with regard to content, will not be processed.

No matter what project you're planning: the HECO product catalogue will help you find the right product and provides specialist dealers with all the key information required to offer the best possible advice to customers based on requirements. With HECO, you do not only get a range of reliable fastening systems. We also provide a tailored customer care program and excellent service at all levels, including our personal Calculation Service, our HCS Calculation Software for production engineers, structural engineers and tradesmen, technical documentation and a wide range of training courses available at the HECO Academy.

We would like to take this opportunity to wish you every success in your work with our high-quality screws and look forward to continuing our cooperation with you.

We send you our best regards from the Black Forest,
Your HECO sales team

HISTORY



Karl Hettich – Founder of the Hettich-Family company



Ludwig Hettich – Founder of today's company HECO-Schrauben GmbH & Co. KG



HECO-Schrauben today:

*Picture left above:
the plant in Câmpia Turzii, in Romania*

*Picture right above: the logistic
centre, Dr.-Konstantin-Hank-Str. 13, in
Schramberg-Sulgen*

*Picture left: the headquarter,
Dr.-Kurt-Steim-Str. 28,
in Schramberg-Sulgen*

1888 Karl Hettich invents a bending machine for pendulum escapements and lays the foundation for a long life of a traditional company. The whole family is recruited into its production



The beginning: the anchor escapement for Black Forest cuckoo clocks, manufactured on the bending machine developed by Karl Hettich

1936 The Hettich family firm starts with the production of screws

1967 Ludwig Hettich hives off screw production from Franz Hettich KG and found the Ludwig Hettich & Co. Schraubenfabrik

1971 The company relocates to the new production and administration building at Schramberg-Sulgen

1989 HECO establishes its inhouse manufacturing of production tools which is the base for innovative development and production of screws

1990 Launch of first self-developed universal screw HECO-FIX-plus®

2000 Launch of HECO-TOPIX® wood screw

2010 Launch of HECO-UNIX screw

The success of the firm HECO begins in the private quarters of the Schramberger inventor Karl Hettich. Here he invented a bending machine for making pendulum escapements, which were needed by the Schramberg clock industry. Following his untimely death, Karl Hettich's sons continued to build up what was by now a flourishing business.

In 1936, the Hettich company began manufacturing screws too. In **1967** Ludwig Hettich, a grandson of the company founder, hived off screw production from Franz Hettich KG and founded a new company Ludwig Hettich & Co. Schraubenfabrik: this was the birth of HECO!

Following the death of Ludwig Hettich in 1975, his eldest son, Stefan Hettich, became the fourth generation to take over management of the business. Committed to further developing the HECO brand, Stefan Hettich optimised production processes and logistics. In the year 2006 his brother Guido Hettich joins the company as secondary Managing Director.

Today more than 280 employees develop, produce and sell innovative screws and fixing elements that are known for their high standard of security, reliability and are being used worldwide.

1975 After the death of the company's founder, management of HECO passes to the next generation, Stefan Hettich

1978 The company presents the HECO-FIX® chipboard screw. The HECO brand is also born with this screw

1995 Launch of the screw anchor MULTI-MONTI® for which HECO is awarded the innovation prize of Baden-Württemberg two years later

1999 Extension of production plant area to 12,000 m²

2004 Foundation of the sales division HECO France sarl in France

2009 Foundation of the production plant S.C. HECO SCHRAUBEN S.R.L. in Romania

2014 Inauguration of the new logistic centre in Schramberg

2016 Launch of the new screw anchor MULTI-MONTI®-plus

2015 Launch of the new developed HECO-UFIX® MDF screw

PACKAGING



HECO®-Schrauben

PRODUCT INFORMATION

VARIANTA – boxes for professionals

- Opens to the front and serves as a chute
- Can be opened by using the perforation at the top of the box
- Label on the front – serves additionally as a security feature
- Inspection window in lid
- Width 90 mm, height 92 mm

O-boxes

- Robust corrugated cardboard
- Standardised width and height
- Width 90 mm/height 75 mm
- Clever packaging system: available up to length 500 mm in an outer carton
- 4 O-boxes per outer carton

SKV - small boxes

- Opens on the left hand side using the grip hole
- Label on the front – serves additionally as a security feature
- EAN code on the top (SKV 5 on the front – analogue VARIANTA boxes)
- Inspection window in lid
- Width 60 mm or 90 mm

Plastic boxes

- Weather resistant
- Reclosable
- Reusable
- Easy handling on the construction site

Simply clever packed

Whether for retailers, professionals, industry or Do-it-yourselfers – HECO® offers a homogenous and wide range of small, industrial and DIY packagings.

Well packed with the optimized outer carton

For SKV boxes, VARIANTA boxes and O-boxes, we have developed a clever outer-carton concept: 10 units of VARIANTA boxes, 20 or 24 units of SKV boxes and 4 units of O-boxes can be found in one outer carton. The basic dimensions of the outer cartons are always the same and are adjusted to the dimensions of a standard pallet. Only the heights of the outer cartons are variable.

Well protected against wind and rain

The varnish of all packages makes them resistant against moisture and thus perfect for the use on the construction sites.

Different packagings

- **VARIANTA – boxes for professionals**
 - VARIANTA boxes
 - O-boxes
- **SKV - small boxes**
- **Plastic boxes**



Well packed – using the clever outer carton concept



Resistant against moisture due to the varnish

VARIANTA – BOXES FOR PROFESSIONALS AND O-BOX



VARIANTA – boxes for professionals



O-boxes

VARIANTA				Outer carton				
Box type	Length [mm]	Width [mm]	Height [mm]	Outer carton size	Length [mm]	Width [mm]	Height [mm]	Packing units per outer carton
VAR 1	85	90	75	3	400	200	105	10
VAR 2	150	90	75	5	400	200	160	10
VAR 3	185	90	75	6	400	200	200	10
O-boxes				Outer carton				
Box type	Length [mm]	Width [mm]	Height [mm]	Outer carton size	Length [mm]	Width [mm]	Height [mm]	Packing units per outer carton
O190	185	90	92	3	400	200	105	4
O290	285	90	92	7	300	200	200	4
O390	385	90	92	6	400	200	200	4
O490	485	90	92	8	600	200	200	4
O590	585	90	92	8	600	200	200	4

SKV - SMALL BOXES



SKV - small boxes

SKV - small boxes				Outer carton				
Box type	Length [mm]	Width [mm]	Height [mm]	Outer carton size	Length [mm]	Width [mm]	Height [mm]	Packing units per outer carton
SKV 1	45	60	45	2	400	200	65	24
SKV 2	60	60	45	2	400	200	65	24
SKV 3	85	60	45	3	400	200	105	24
SKV 4	75	90	60	4	400	200	135	20
SKV 5	85	90	75	6	400	200	200	20

HECO® PLASTIC BOXES



Plastic boxes

Plastic box with cover				Outer carton				
Box type	Length [mm]	Width [mm]	Height [mm]	Outer carton size	Length [mm]	Width [mm]	Height [mm]	Packing units per outer carton
H1	140	122	85	9	325	260	185	8
H2	140	122	126	10	325	260	140	4
H3	198	198	140	6	400	200	200	2



Proven quality!

HECO products are up to standard

HECO screws are the embodiment for safety and reliability in fastening technology across the globe. In order to satisfy our own quality standards at all times, we subject our new developments to comprehensive tests before we bring them onto the market. In this respect HECO ensures consistently high quality and safety standards in all its products and has this regularly certified regularly by external test centres.

An important factor in the approval process of screws is the European Technical Approval (ETA) as a generally recognised verification of technical performance reliability for construction products. The ETA documents issued by the Technical Assessment Body (DIBt) allow us as manufacturer to apply the CE mark to our fastening products, thus ensuring their uninhibited access

to the European market. Together with the national technical approvals, these documents document our innovation strength and signal to customers that they can depend on the reliability and safety of HECO products.

Below we have put together a list of all the important logos which are relevant to the individual product groups in this catalogue. This will give you a quick overview of the approvals our screws have and enable you to quickly identify the right product. The following list shows all the important logos that are relevant for the individual product group of this catalogue, to give you a quick overview of the approvals which our screws have obtained, and enable you to identify the right product quickly.

EUROPEAN TECHNICAL ASSESSMENT (ETA)

For sale of fastenings throughout Europe, CE marking is required in many cases. The basis for the required CE conformity is a European Technical Assessment (ETA) which covers all the technical features of a construction product.

The corresponding declarations of performance are available for all of our products too.



ETA conformity mark for the wood screw HECO-TOPIX



ETA conformity mark for the MULTI-MONTI screw anchor: The European Technical Assessment option 1 applies for the use of the screw anchor in cracked concrete.

NATIONAL TECHNICAL APPROVAL AND THE QUALITY CONTROL SEAL



The red circle marks products and product groups which have received a national approval by the German Institute of Building Technology (DIBt). An additional supervisory control mark documents the conformity of the requirements that are defined in the relevant approval and the technical product specifications which are deposited at the DIBt. It displays the monitoring body too that insures that the relevant requirements are met.

SKH CERTIFICATION



The SKH mark is a test certificate found on the Dutch market. The association "Stichting Keuringsbureau Hout" (SKH) strives to improve quality assurance in those building sectors in which wood and wood products are used. SKH-certified products show that the manufacturer has been subjected to the Dutch inspection system and has satisfied the applicable requirements.

SPRINKLER LOGO



The MULTI-MONTI screw anchors labelled with the sprinkler logo meet the requirements of VdS Guideline CEA 4001, which defines a standard for the planning and installation of sprinkler systems.

FIRE RESISTANCE CLASS



Construction products such as the MULTI-MONTI screw anchors are categorised into different fire resistance classes depending on the period for which they can resist fire. The red flame symbol and the addition "R120" show that these products are highly fire resistant and therefore proven to be able to maintain the load-bearing capacity of a mounted component (e.g. a sprinkler system) in the case of a fire for 120 minutes.

SEISMIC EVALUATION



The seismic symbol demonstrates the reliability of our MULTI-MONTI-plus screw anchors in the case of seismic impact. Products of performance class "C1" are suitable for non-load bearing elements in the case of minor earthquake loading in accordance with the recommendations of TR 045 of the European Organisation for Technical Approvals (EOTA). The seismic approval is a component of the ETA approval.

ADDITIONAL INFORMATION

All approval marks and Declarations of Performance on our certified HECO products are available online: www.heco-schrauben.com

Further information on the products can be found at:
www.youtube.com/c/HECO-Schrauben

or directly from HECO at:

Homepage: www.heco-schrauben.com

E-mail: info@heco-schrauben.de

Telephone sales: +49 (0) 74 22 / 9 89-0

Telephone technical advice and application consulting at HECO:
+49 (0) 74 22 / 9 89-205 or -212










HECO® PRODUCT CATALOGUE

To make it easier for you to find products within the catalogue we have colour-coded the 7 product groups (see overview).

In order for you to be able to navigate quicker, apart from the colour coding the abbreviation of our HECO branded products is also given, as well as CAD images of the respective screws.


COLOUR AND CORRESPONDING PRODUCT RANGE

	HECO-UNIX		MULTI-MONTI®-plus-Screw anchor
	HECO-UFIX® and Drywall screws		MULTI-MONTI®-Screw anchor
	HECO-FIX-plus®		HECO®-Accessories
	HECO-TOPIX®		

LAYOUT OF THE TABLES AND ABBREVIATIONS USED

Example: HECO-UNIX

Abbreviation: **HU-top** Detailed product description: **HECO-UNIX-top**




Type: countersunk head with milling groove
full threaded

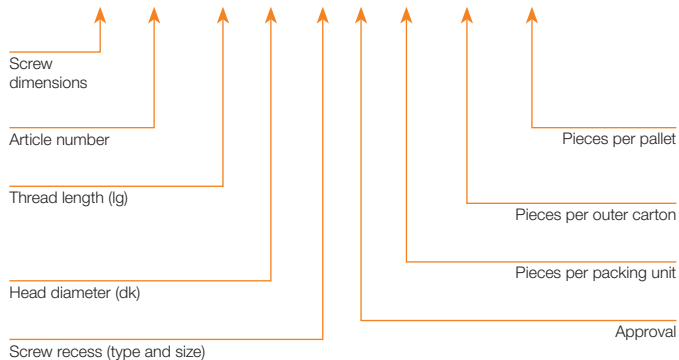
Material: steel, hardened

Surface: bright zinc plated, A2K

Recess: T-Drive




Size D x L (mm)	Article No.	Thread length (mm)	Head diameter (mm)	Recess	ETA	Packing unit (pcs.)	Pieces per outer carton (pcs.)	Pieces per pallet (pcs.)
5,0	30 48142	35	9,6	T-25	•	500	5.000	240.000
	35 48144	30	9,6	T-25	•	500	5.000	240.000
	40 45108	35	9,6	T-25	•	500	5.000	240.000
	45 45105	40	9,6	T-25	•	200	2.000	96.000
	50 45107	45	9,6	T-25	•	200	2.000	96.000
	60 45109	55	9,6	T-25	•	200	2.000	96.000
	70 45111	65	9,6	T-25	•	200	2.000	96.000
	80 45113	75	9,6	T-25	•	200	2.000	96.000
	90 45115	85	9,6	T-25	•	200	2.000	96.000
	100 48898	95	9,6	T-25	•	100	1.000	48.000
	120 45119	115	9,6	T-25	•	100	1.000	48.000
8,0	40 48146	35	11,7	T-30	•	200	2.000	96.000
	45 48148	40	11,7	T-30	•	200	2.000	96.000
	50 45121	45	11,7	T-30	•	200	2.000	96.000



Example: MULTI-MONTI®-plus screw anchor

Detailed product description: **MULTI-MONTI®-plus** Abbreviation: **MMS-plus**




Type: MMS-plus F countersunk head

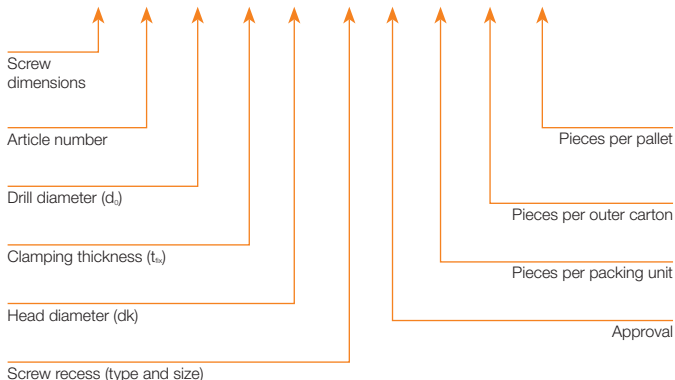
Material: steel, hardened

Surface: bright zinc plated, A2K

Recess: T-Drive



Size D x L (mm)	Article No.	Drill diameter d ₁ (mm)	Clamping strength L ₁ (mm)	Head diameter (mm)	Recess	Approvals	Packing unit (pcs.)	Pieces per outer carton (pcs.)	Pieces per pallet (pcs.)
VARIANTEN - BOXES FOR PROFESSIONALS									
5,0	30 37137	4,0	1	8,7	T-25		200	2.000	96.000
	40 37134*	4,0	5	8,7	T-25		200	2.000	96.000
	50 23383*	4,0	15	8,7	T-25		200	2.000	96.000
	60 23382*	4,0	35	8,7	T-25		200	2.000	96.000
6,0	40 48980	5,0	5	11,5	T-30	•	100	1.000	48.000
	50 48405	5,0	5/15	11,5	T-30	•	100	1.000	48.000
	60 48407*	5,0	15/25	11,5	T-30	•	100	1.000	48.000
	70 48409	5,0	25/35	11,5	T-30	•	100	1.000	48.000
	80 48501	5,0	35/45	11,5	T-30	•	50	500	24.000
	100 48503	5,0	55/65	11,5	T-30	•	50	500	24.000
	120 48505	5,0	75/85	11,5	T-30	•	50	500	24.000
	140 48507	5,0	95/105	11,5	T-30	•	50	500	24.000



HECO-UNIX

Hardened steel

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HECO-UNIX-plus 24

Countersunk head with milling grooves

	PZD, full threaded	bright zinc plated		25
	PZD, part threaded	bright zinc plated		29
	T-Drive, full threaded	bright zinc plated		30
	T-Drive, part threaded	bright zinc plated		34

HECO-UNIX-plus Wood panel screw 36

Countersunk head with milling grooves

	T-Drive, full threaded	bright zinc plated		37
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HECO-UNIX-top 38

Countersunk head with milling grooves

	T-Drive, full threaded	bright zinc plated		39
	T-Drive, part threaded	bright zinc plated	NEW	41

HECO-UNIX-top Floorboard screw 42

Raised countersunk head with milling ribs

	T-Drive, full threaded	bright zinc plated		43
	T-Drive, full threaded	A2 self-colour, coated		43

HECO-UNIX-top Cladding screw 44

Raised countersunk head

	T-Drive, full threaded	A2 self-colour, coated		45
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HECO-UFIX®

Hardened steel

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HECO-UFIX® MDF screws 48

Countersunk head with milling grooves


	H-Drive, part threaded	bright zinc plated		49
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CONTENT

HECO®-Drywall screws	50
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Trumpet head

	PH-Drive, double threaded with pin tip, full threaded	phosphated	51
	PH-Drive, belted, double threaded with pin tip, full threaded	phosphated	51

HECO-FIX-plus®

Hardened steel

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Countersunk head

	PZD, full threaded	bright zinc plated	56
	PZD, part threaded	bright zinc plated	62
	PZD, full threaded	yellow zinc plated	64
	PZD, part threaded	yellow zinc plated	70
	PZD, reduced countersunk head, full threaded	bright zinc plated	72
	PZD, with centre drilled hole, full threaded	bright zinc plated	73
	T-Drive, full threaded	bright zinc plated	75
	T-Drive, part threaded	bright zinc plated	80
	T-Drive, full threaded	yellow zinc plated	82
	T-Drive, part threaded	yellow zinc plated	87
	T-Drive, with milling ribs, part threaded	yellow zinc plated	89

Pan head

	PZD, full threaded	bright zinc plated	90
	T-Drive, full threaded	bright zinc plated	95

Raised countersunk head

	PZD, full threaded	bright zinc plated	97
	T-Drive, full threaded	bright zinc plated	99

Back wall screw

	PZD, full threaded	bright zinc plated	101
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HECO-FIX-plus®

Stainless steel



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Countersunk head

	PZD, full threaded	A2 self-colour, coated	103
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	T-Drive, part threaded	A2 self-colour, coated	105
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Pan head

	PZD, full threaded	A2 self-colour, coated	107
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Raised countersunk head

	PZD, full threaded	A2 self-colour, coated	108
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HECO-TOPIX®

Hardened steel

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Countersunk head

	PZD, full threaded	bright zinc plated	114
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	PZD, with milling ribs, part threaded	bright zinc plated	116
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	PZD, full threaded	yellow zinc plated	117
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	PZD, with milling ribs, part threaded	yellow zinc plated	119
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	T-Drive, full threaded	bright zinc plated	120
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	T-Drive, with milling ribs, part threaded	bright zinc plated	122
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	T-Drive, with milling grooves, part threaded	bright zinc plated	124
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	T-Drive, full threaded	yellow zinc plated	126
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	T-Drive, with milling ribs, part threaded	yellow zinc plated	128
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HECO-TOPIX® Full threaded screws			130
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Countersunk head with milling grooves

	T-Drive, full threaded	bright zinc plated	NEW 131
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HECO-TOPIX® Flange head		132
Flange head		
	T-Drive, full threaded	bright zinc plated 133
	T-Drive, part threaded	bright zinc plated 134
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	T-Drive, secondary threaded	bright zinc plated 137
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Flange head		
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	T-Drive, full threaded	bright zinc plated 143
HECO-TOPIX® Post screw		144
Flange head		
	T-Drive, full threaded	HP-coated 145
HECO-TOPIX® Glass strip screw		146
Raised countersunk head with milling ribs		
	T-Drive, part threaded	bright zinc plated 147
	T-Drive, part threaded	yellow zinc plated 147
HECO-TOPIX® Fitting screw		146
Countersunk head		
	PZD, full threaded	bright zinc plated 148

HECO-TOPIX®

Stainless steel



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Countersunk head



PZD, full threaded

A2 self-colour, coated

151



T-Drive, with milling ribs, part threaded

A2 self-colour, coated

153

Flange head



T-Drive, full threaded

A2 self-colour, coated

156



T-Drive, part threaded

A2 self-colour, coated

157

HECO-TOPIX®-T Solar

158

Flange head



T-Drive, secondary threaded

A2 self-colour, coated

159

HECO-TOPIX® Glass strip screw

160

Raised countersunk head with milling ribs



T-Drive, part threaded

A2 self-colour, coated

161

HECO-TOPIX® Fitting screw

160

Countersunk head



PZD, full threaded

A2 self-colour, coated

161

HECO-TOPIX® Decking screws

Stainless steel



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HECO-TOPIX® Decking screws

Countersunk head with milling ribs



T-Drive, part threaded

A2 self-colour, coated

163



T-Drive, part threaded

A4 self-colour, coated

163

HECO-TOPIX® Decking screws

164

Raised countersunk head



T-Drive, secondary threaded

A2 self-colour, coated













165



T-Drive, secondary threaded

A4 self-colour, coated

165




Hexagon head				
	MMS-plus SS with combined washer	bright zinc plated	NEW	170
	MMS-plus SS with combined washer	HP-coated	NEW	172
	MMS-plus S with washer DIN 440	bright zinc plated	NEW	173
Pre-set anchor				
	MMS-plus V with metric stud	bright zinc plated	NEW	174
Countersunk head				
	MMS-plus F, T-Drive	bright zinc plated	NEW	175
Flange head				
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With metric stud				
	MMS-plus ST, metric thread	bright zinc plated	NEW	177
With internal metric thread				
	MMS-plus I	bright zinc plated	NEW	178
Pan head				
	MMS-plus P, T-Drive	bright zinc plated	NEW	179
Reduced countersunk head				
	MMS-KS, T-Drive	bright zinc plated		180
Eye-bolt-anchor				
	MMS-R, T-Drive	bright zinc plated		180
TimberConnect				
	MMS-TC, T-Drive	bright zinc plated		181

MULTI-MONTI® Screw anchor MMS

Hardened steel

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Hexagon head

	MMS-S	bright zinc plated	186
	MMS-S with washer DIN 440	bright zinc plated	188
	MMS-SS with combined washer	bright zinc plated	189

TimberConnect

	MMS-TC, T-Drive	bright zinc plated	190
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Flange head

	MMS-MS, T-Drive	bright zinc plated	191
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Countersunk head

	MMS-F, T-Drive	bright zinc plated	192
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Pan head

	MMS-P, T-Drive	bright zinc plated	193
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With metric stud

	MMS-ST, metric thread	bright zinc plated	194
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With internal metric thread

	MMS-I	bright zinc plated	195
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Reduced countersunk head

	MMS-KS, T-Drive	bright zinc plated	196
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Eye-bolt-anchor

	MMS-R	bright zinc plated	196
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MULTI-MONTI® Screw anchor MMS

Stainless steel



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Hexagon head

	MMS-S	A4 self-colour	199
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Countersunk head

	MMS-F, T-Drive	A5 self-colour	200
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Pan head

	MMS-P, T-Drive	A5 self-colour	201
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HECO® Accessories

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HECO-FIX-plus® with T-Drive	hardened steel, bright/yellow zinc plated	205
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HECO-UNIX assortment boxes 206



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HECO-UNIX-plus with T-Drive	hardened steel, bright zinc plated	207
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HECO-UNIX-top with T-Drive	hardened steel, bright zinc plated	207
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for PZD with centre drilled hole	209
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Screw-driver-bits 210



HECO®-ClicFix quick change tool holder	magnetic	210
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T-Drive	211
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H-Drive	211
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HECO®-Bitsselector mixed	211
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Installation tools for MMS-TC

T-Drive	212
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HECO®-gauges

for reusability of MULTI-MONTI®-plus

NEW

213

HECO® Decking assortment



HECO®-Decking glidersets

214

Small decking gliderset with centrepieces

215

Large decking gliderset with centrepieces

215

Small decking gliderset with edge pieces

215



HECO®-Clipperset

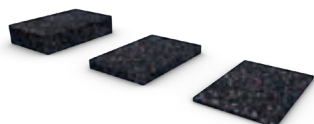
for the invisible fastening

of wooden or composite decking without grooves

NEW

216

HECO®-Decking pads



HECO®-Decking pads 3 mm

NEW

217

HECO®-Decking pads 8 mm

NEW

217

HECO®-Decking pads 20 mm

NEW

217



HECO®-Adjustable decking supports

HECO®-Adjustable decking supports 30 – 65 mm

NEW

218

HECO®-Adjustable decking supports 60 – 150 mm

NEW

218



HECO®-Decking spacers

for homogeneous spacing of deckings

NEW

219



HECO®-Decking board clamp

Additional devices for the laying of deckings

NEW

220



Drill bit

HECO®-Decking drill bit

221

Replacement drill bit

221



Washers

for HECO-TOPIX® countersunk head screws

222



Setting tool, plastic

for HECO-TOPIX® wood screws

223



Design support

HECO® Calculation Software HCS

NEW

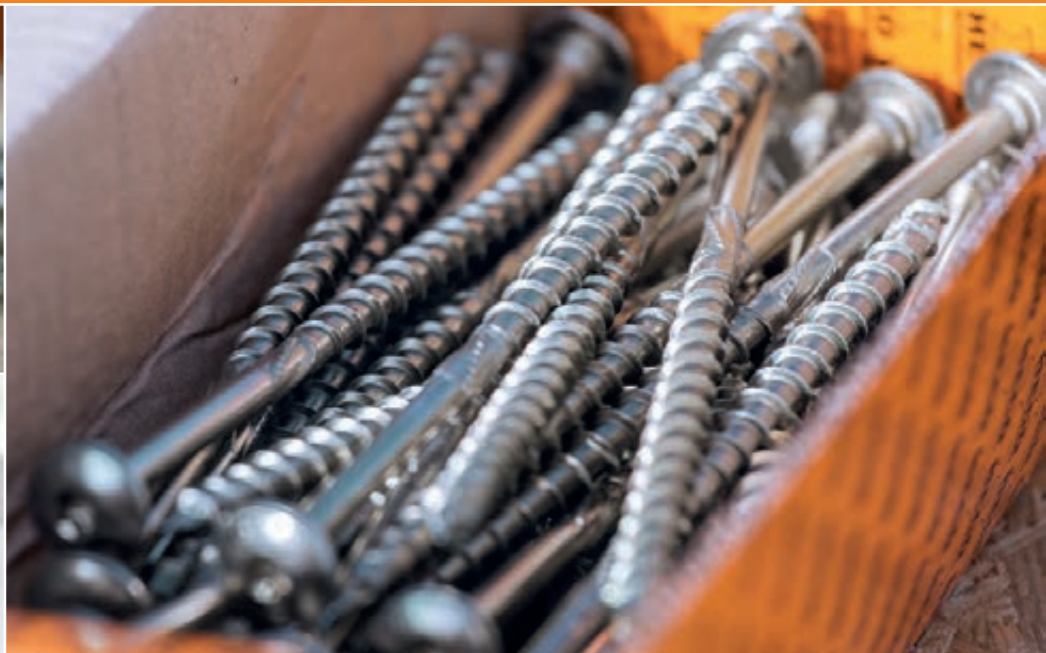
224

225

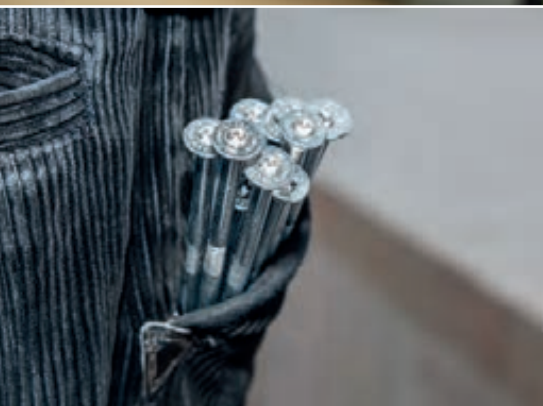
SAFE AND SECURE



HECO®-Schrauben – Innovation. Safety. Future.



High end products for professionals

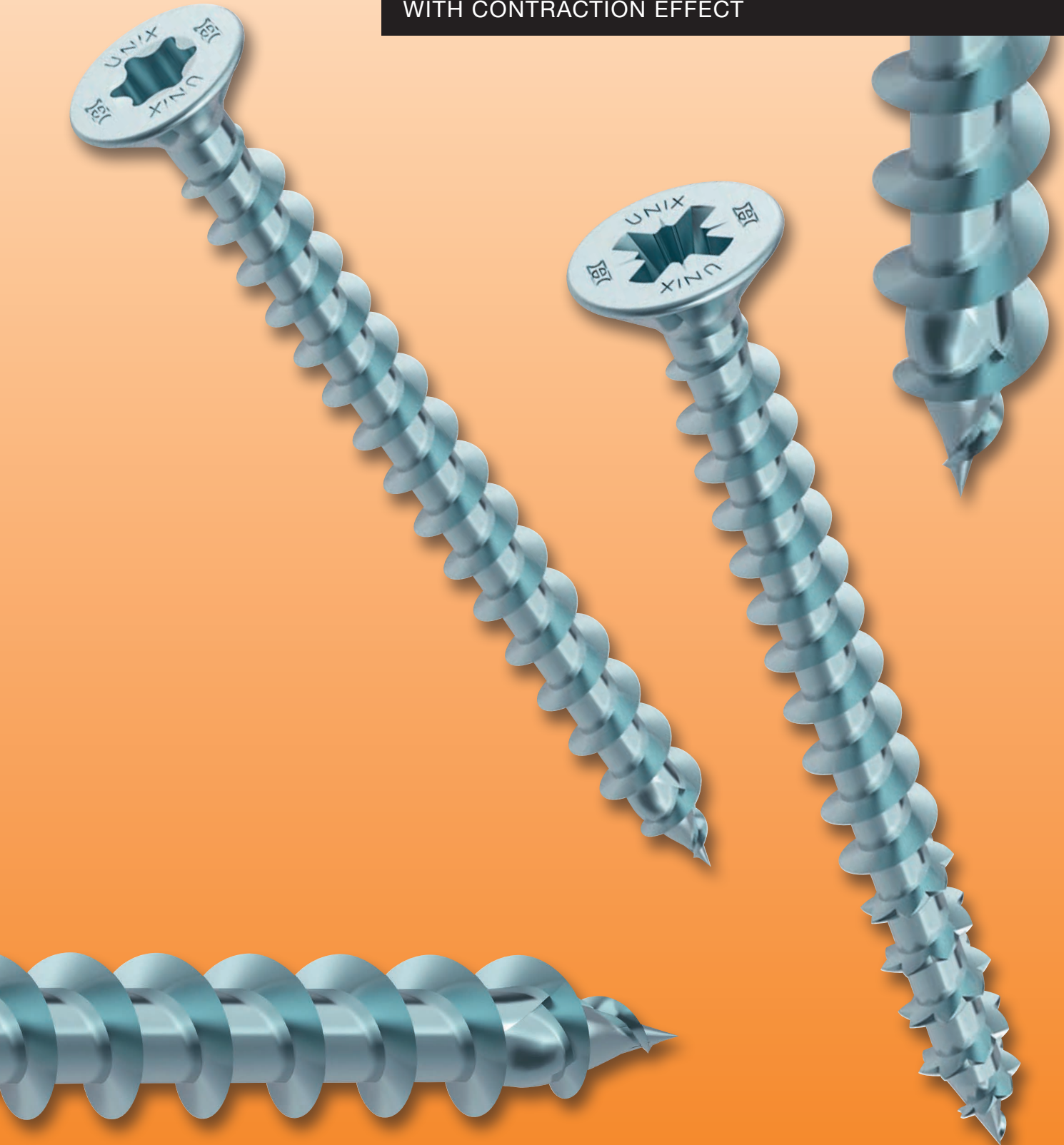






HECO-UNIX

THE UNIQUE FULLY THREADED SCREW
WITH CONTRACTION EFFECT





HECO-UNIX

PRODUCT INFORMATION

Combi screw head

- No damage to the fitting surface
- Improved milling features in wood due to undercut milling grooves
- Perfect fit in 90° countersinkings due to countersunk head

Full thread

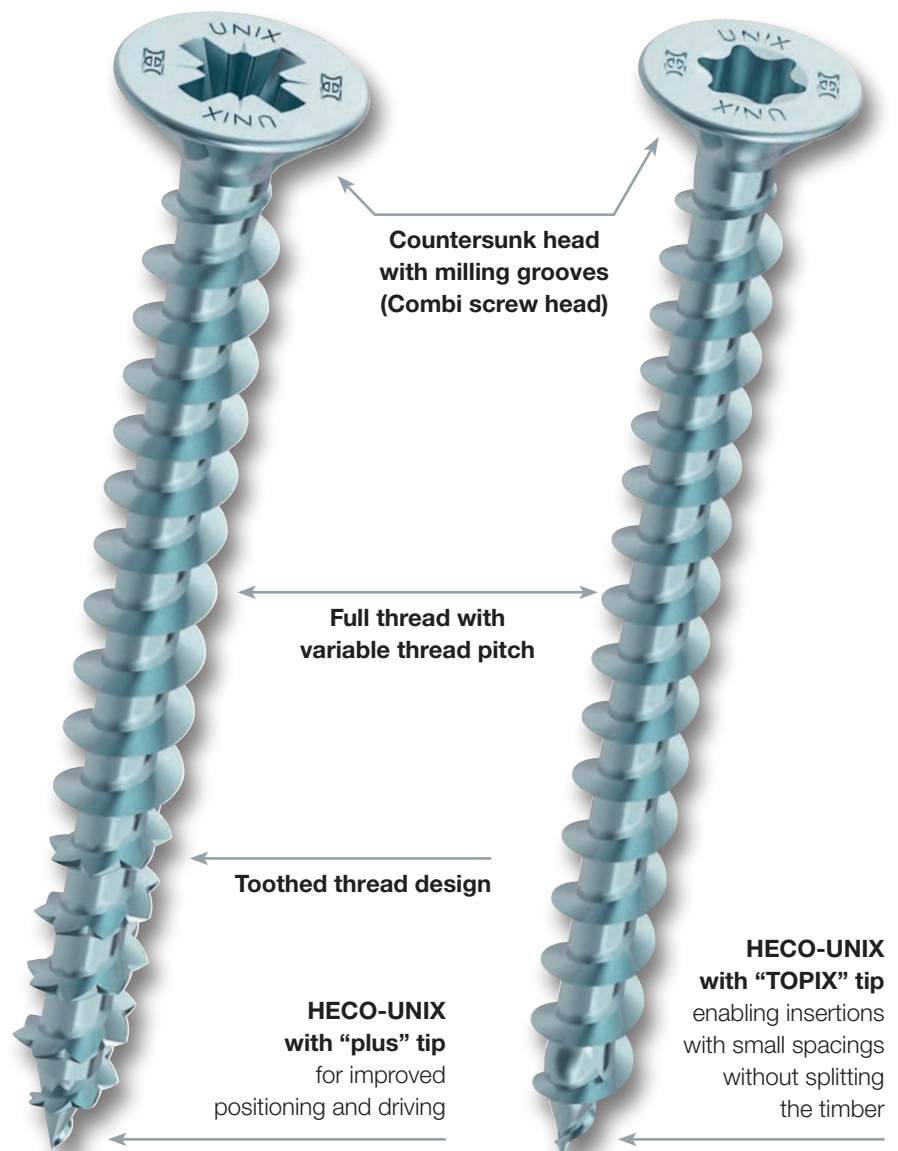
- Variable thread contracts the components enabling gapless connection (even hard materials)
- Fixing the wood components via the thread
- Higher loads are achievable as the head does not get pulled through the fixture if the fixture thickness is $> 4 \times d1$
- The HECO-UNIX thread permits full and partial thread applications. This allows a reduction of the product range



The unique fully threaded screw with contraction effect

HECO-UNIX-plus

HECO-UNIX-top





APPLICATION EXAMPLES



Wood frame construction



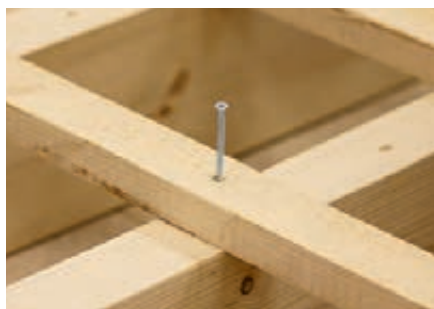
Securing fittings



Boarding



Facade construction

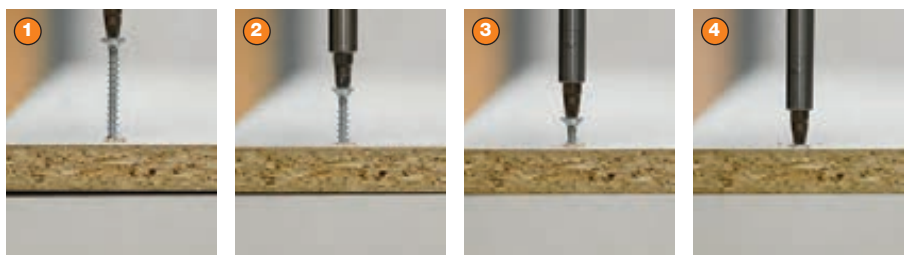


Counter battens



Carcase assembly for furniture and kitchens

CONTRACTION EFFECT





HECO-UNIX-plus

PRODUCT INFORMATION

- For applications in nylon plugs and natural timber materials
- Excellent pull-out performance in plugs and timber
- Optimal pull-out and over tightening features in chipboard
- Fast positioning, especially on hard surface



The unique fully threaded screw with contraction effect and „plus“ tip



Type: countersunk head with milling grooves

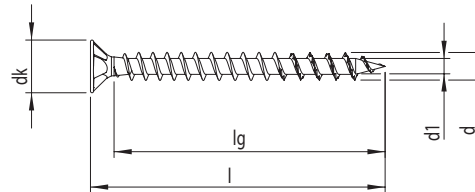
full threaded

Material: steel, hardened

Surface: bright zinc plated, A2K

Color code
HECO-Label

Recess: PZD



Size D x L [mm]	Article No.	Thread length [mm]	Head diameter [mm]	Recess	ETA	Packing unit [pcs.]	Pieces per outer carton [pcs.]	Pieces per pallet [pcs.]
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SKV - SMALL BOXES

3,5	12	46182	8	6,9	PZD-2		200	4.800	633.600
	15	46183	11	6,9	PZD-2		200	4.800	633.600
	16	46184	12	6,9	PZD-2		200	4.800	633.600
	20	45206	16	6,9	PZD-2	•	200	4.800	633.600
	25	45207	21	6,9	PZD-2	•	200	4.800	403.200
	30	45208	26	6,9	PZD-2	•	200	4.800	403.200
	35	45209	31	6,9	PZD-2	•	200	4.000	288.000
	40	45210	36	6,9	PZD-2	•	200	4.000	288.000
	50	45274	46	6,9	PZD-2	•	200	4.000	192.000

VARIANTA - BOXES FOR PROFESSIONALS

3,5	12	45906	8	6,9	PZD-2		1.000	10.000	840.000
	15	45908	11	6,9	PZD-2		1.000	10.000	840.000
	16	45910	12	6,9	PZD-2		1.000	10.000	840.000
	20	45139	16	6,9	PZD-2	•	1.000	10.000	840.000
	25	45141	21	6,9	PZD-2	•	1.000	10.000	480.000
	30	45143	26	6,9	PZD-2	•	1.000	10.000	480.000
	35	45145	31	6,9	PZD-2	•	1.000	10.000	480.000
	40	45147	36	6,9	PZD-2	•	500	5.000	240.000
	45	45912	41	6,9	PZD-2	•	500	5.000	240.000
	50	45273	46	6,9	PZD-2	•	500	5.000	240.000

HU-plus HECO-UNIX-plus



Type: countersunk head with milling grooves

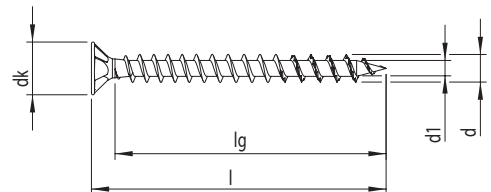
full threaded

Material: steel, hardened

Surface: bright zinc plated, A2K

Color code
HECO-Label

Recess: PZD



Size D x L [mm]	Article No.	Thread length [mm]	Head diameter [mm]	Recess	ETA	Packing unit [pcs.]	Pieces per outer carton [pcs.]	Pieces per pallet [pcs.]
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SKV - SMALL BOXES

4,0	12	46185	8	7,9	PZD-2		200	4.800	633.600
	15	46186	11	7,9	PZD-2		200	4.800	633.600
	16	46187	12	7,9	PZD-2		200	4.800	633.600
	20	46188	16	7,9	PZD-2		200	4.800	633.600
	25	45211	21	7,9	PZD-2	•	200	4.800	403.200
	30	45212	26	7,9	PZD-2	•	200	4.800	403.200
	35	45213	31	7,9	PZD-2	•	200	4.000	288.000
	40	45214	36	7,9	PZD-2	•	200	4.000	288.000
	45	45215	41	7,9	PZD-2	•	200	4.000	192.000
	50	45216	46	7,9	PZD-2	•	200	4.000	192.000

VARIANTA - BOXES FOR PROFESSIONALS

4,0	12	45914	8	7,9	PZD-2		1.000	10.000	840.000
	15	45916	11	7,9	PZD-2		1.000	10.000	840.000
	16	45918	12	7,9	PZD-2		1.000	10.000	840.000
	20	45951	16	7,9	PZD-2		1.000	10.000	480.000
	25	45149	21	7,9	PZD-2	•	1.000	10.000	480.000
	30	45151	26	7,9	PZD-2	•	1.000	10.000	480.000
	35	45153	31	7,9	PZD-2	•	500	5.000	240.000
	40	45155	36	7,9	PZD-2	•	500	5.000	240.000
	45	45157	41	7,9	PZD-2	•	500	5.000	240.000
	50	45159	46	7,9	PZD-2	•	500	5.000	240.000
	55	45922	51	7,9	PZD-2	•	200	2.000	96.000
	60	45161	56	7,9	PZD-2	•	200	2.000	96.000
	70	45924	66	7,9	PZD-2	•	200	2.000	96.000

Type: countersunk head with milling grooves

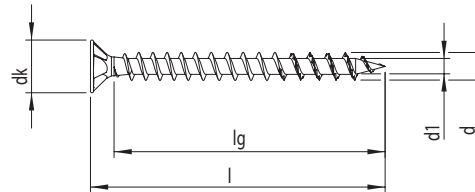
full threaded

Material: steel, hardened

Surface: bright zinc plated, A2K

Color code
HECO-Label

Recess: PZD



Size D x L [mm]	Article No.	Thread length [mm]	Head diameter [mm]	Recess	ETA	Packing unit [pcs.]	Pieces per outer carton [pcs.]	Pieces per pallet [pcs.]
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SKV - SMALL BOXES

4,5	16	46189	12	8,9	PZD-2	200	4.800	633.600
	20	46190	16	8,9	PZD-2	200	4.800	576.000
	25	45217	21	8,9	PZD-2	•	200	4.800
	30	45218	26	8,9	PZD-2	•	200	4.000
	35	45219	31	8,9	PZD-2	•	200	4.000
	40	45220	36	8,9	PZD-2	•	200	4.000
	45	45221	41	8,9	PZD-2	•	200	4.000

VARIANTA - BOXES FOR PROFESSIONALS

4,5	16	45926	12	8,9	PZD-2	1.000	10.000	480.000
	20	45928	16	8,9	PZD-2	1.000	10.000	480.000
	25	45163	21	8,9	PZD-2	•	500	5.000
	30	45165	26	8,9	PZD-2	•	500	5.000
	35	45167	31	8,9	PZD-2	•	500	5.000
	40	45169	36	8,9	PZD-2	•	500	5.000
	45	45171	41	8,9	PZD-2	•	500	5.000
	50	45173	46	8,9	PZD-2	•	200	2.000
	55	45930	51	8,9	PZD-2	•	200	2.000
	60	45175	56	8,9	PZD-2	•	200	2.000
	70	45932	66	8,9	PZD-2	•	200	2.000
80	45934	76	8,9	PZD-2	•	200	2.000	

SKV - SMALL BOXES

5,0	16	46191	11	9,6	PZD-2	200	4.800	403.200
	20	46192	15	9,6	PZD-2	200	4.800	403.200
	25	46193	20	9,6	PZD-2	•	200	4.000
	30	45222	25	9,6	PZD-2	•	200	4.000
	35	45223	30	9,6	PZD-2	•	200	4.000
	40	45224	35	9,6	PZD-2	•	200	4.000



Type: countersunk head with milling grooves

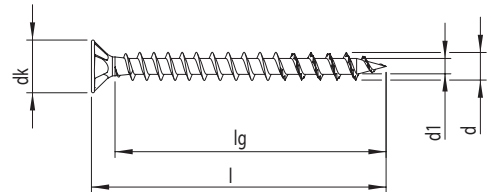
full threaded

Material: steel, hardened

Surface: bright zinc plated, A2K

Color code
HECO-Label

Recess: PZD



Size D x L [mm]	Article No.	Thread length [mm]	Head diameter [mm]	Recess	ETA	Packing unit [pcs.]	Pieces per outer carton [pcs.]	Pieces per pallet [pcs.]
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VARIANTA - BOXES FOR PROFESSIONALS

5,0	16	45936	11	9,6	PZD-2	1.000	10.000	480.000
	20	45938	15	9,6	PZD-2	500	5.000	240.000
	25	45940	20	9,6	PZD-2	•	500	5.000
	30	45177	25	9,6	PZD-2	•	500	5.000
	35	45179	30	9,6	PZD-2	•	500	5.000
	40	45181	35	9,6	PZD-2	•	500	5.000
	45	45183	40	9,6	PZD-2	•	200	2.000
	50	45185	45	9,6	PZD-2	•	200	2.000
	55	45942	50	9,6	PZD-2	•	200	2.000
	60	45187	55	9,6	PZD-2	•	200	2.000
	70	45944	65	9,6	PZD-2	•	200	2.000
	80	45189	75	9,6	PZD-2	•	200	2.000
	90	45946	85	9,6	PZD-2	•	200	2.000
	100	48804	95	9,6	PZD-2	•	100	1.000
120	45950	115	9,6	PZD-2	•	100	1.000	
6,0	30	45953	24	11,7	PZD-3	•	200	2.000
	35	45191	29	11,7	PZD-3	•	200	2.000
	40	45193	34	11,7	PZD-3	•	200	2.000
	45	45195	39	11,7	PZD-3	•	200	2.000
	50	45197	44	11,7	PZD-3	•	200	2.000
	55	45954	49	11,7	PZD-3	•	200	2.000
	60	45199	54	11,7	PZD-3	•	200	2.000
	70	45957	64	11,7	PZD-3	•	200	2.000
	80	45201	74	11,7	PZD-3	•	100	1.000
	90	45959	84	11,7	PZD-3	•	100	1.000
	100	45203	94	11,7	PZD-3	•	100	1.000
	110	45961	104	11,7	PZD-3	•	100	1.000
120	45205	114	11,7	PZD-3	•	100	1.000	

Type: countersunk head with milling grooves

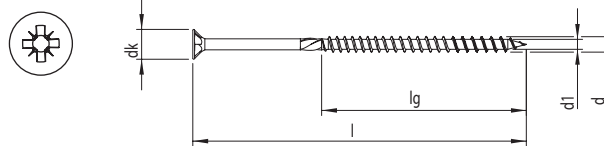
part threaded

Material: steel, hardened

Surface: bright zinc plated, A2K

Color code
HECO-Label

Recess: PZD



Size D x L [mm]	Article No.	Thread length [mm]	Head diameter [mm]	Recess	ETA	Packing unit [pcs.]	Pieces per outer carton [pcs.]	Pieces per pallet [pcs.]
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VARIANTA - BOXES FOR PROFESSIONALS

6,0	130	45963	80	11,7	PZD-3	•	100	1.000	48.000
	140	45965	80	11,7	PZD-3	•	100	1.000	48.000
	150	45967	80	11,7	PZD-3	•	100	800	38.400
	160	45969	80	11,7	PZD-3	•	100	800	38.400
	180	45971	80	11,7	PZD-3	•	100	400	25.600
	200	45973	80	11,7	PZD-3	•	100	400	25.600



Type: countersunk head with milling grooves

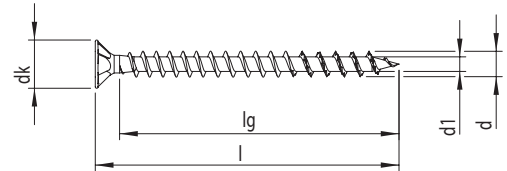
full threaded

Material: steel, hardened

Surface: bright zinc plated, A2K

Color code
HECO-Label

Recess: T-Drive



Size D x L [mm]	Article No.	Thread length [mm]	Head diameter [mm]	Recess	ETA	Packing unit [pcs.]	Pieces per outer carton [pcs.]	Pieces per pallet [pcs.]
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SKV - SMALL BOXES

3,5	12	46198	8	6,9	T-15	200	4.800	633.600	
	15	46199	11	6,9	T-15	200	4.800	633.600	
	16	46200	12	6,9	T-15	200	4.800	633.600	
	20	46201	16	6,9	T-15	•	200	4.800	633.600
	25	46202	21	6,9	T-15	•	200	4.800	403.200
	30	46203	26	6,9	T-15	•	200	4.800	403.200
	35	46204	31	6,9	T-15	•	200	4.000	288.000
	40	46205	36	6,9	T-15	•	200	4.000	288.000
	50	46206	46	6,9	T-15	•	200	4.000	192.000

VARIANTA - BOXES FOR PROFESSIONALS

3,5	12	45975	8	6,9	T-15	1.000	10.000	840.000	
	15	45977	11	6,9	T-15	1.000	10.000	840.000	
	16	45979	12	6,9	T-15	1.000	10.000	840.000	
	20	45530	16	6,9	T-15	•	1.000	10.000	840.000
	25	45532	21	6,9	T-15	•	1.000	10.000	480.000
	30	45534	26	6,9	T-15	•	1.000	10.000	480.000
	35	45536	31	6,9	T-15	•	1.000	10.000	480.000
	40	45538	36	6,9	T-15	•	500	5.000	240.000
	45	45981	41	6,9	T-15	•	500	5.000	240.000
	50	45540	46	6,9	T-15	•	500	5.000	240.000

Type: countersunk head with milling grooves

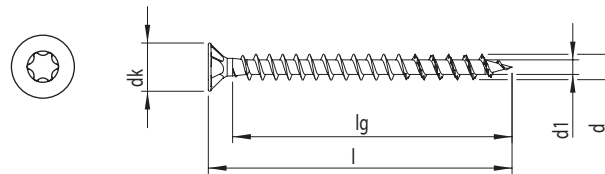
full threaded

Material: steel, hardened

Surface: bright zinc plated, A2K

Color code
HECO-Label

Recess: T-Drive



Size D x L [mm]	Article No.	Thread length [mm]	Head diameter [mm]	Recess	ETA	Packing unit [pcs.]	Pieces per outer carton [pcs.]	Pieces per pallet [pcs.]
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SKV - SMALL BOXES

4,0	12	46207	8	7,9	T-20		200	4.800	633.600
	15	46208	11	7,9	T-20		200	4.800	633.600
	16	46209	12	7,9	T-20		200	4.800	633.600
	20	46210	16	7,9	T-20		200	4.800	633.600
	25	46211	21	7,9	T-20	•	200	4.800	403.200
	30	46212	26	7,9	T-20	•	200	4.800	403.200
	35	46213	31	7,9	T-20	•	200	4.000	288.000
	40	46214	36	7,9	T-20	•	200	4.000	288.000
	45	46215	41	7,9	T-20	•	200	4.000	192.000
	50	46216	46	7,9	T-20	•	200	4.000	192.000

VARIANTA - BOXES FOR PROFESSIONALS

4,0	12	45983	8	7,9	T-20		1.000	10.000	840.000
	15	45985	11	7,9	T-20		1.000	10.000	840.000
	16	45987	12	7,9	T-20		1.000	10.000	840.000
	20	45988	16	7,9	T-20		1.000	10.000	480.000
	25	45543	21	7,9	T-20	•	1.000	10.000	480.000
	30	45545	26	7,9	T-20	•	1.000	10.000	480.000
	35	45547	31	7,9	T-20	•	500	5.000	240.000
	40	45549	36	7,9	T-20	•	500	5.000	240.000
	45	45551	41	7,9	T-20	•	500	5.000	240.000
	50	45553	46	7,9	T-20	•	500	5.000	240.000
	55	45990	51	7,9	T-20	•	200	2.000	96.000
	60	45555	56	7,9	T-20	•	200	2.000	96.000
	70	45992	66	7,9	T-20	•	200	2.000	96.000



Type: countersunk head with milling grooves

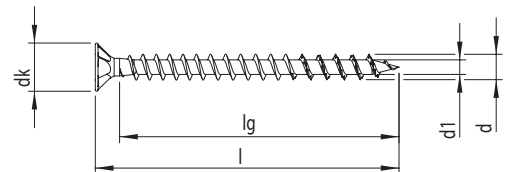
full threaded

Material: steel, hardened

Surface: bright zinc plated, A2K

Color code
HECO-Label

Recess: T-Drive



Size D x L [mm]	Article No.	Thread length [mm]	Head diameter [mm]	Recess	ETA	Packing unit [pcs.]	Pieces per outer carton [pcs.]	Pieces per pallet [pcs.]
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SKV - SMALL BOXES

4,5	16	46217	12	8,9	T-20	200	4.800	633.600	
	20	46218	16	8,9	T-20	200	4.800	576.000	
	25	46219	21	8,9	T-20	•	200	4.800	403.200
	30	46220	26	8,9	T-20	•	200	4.000	288.000
	35	46221	31	8,9	T-20	•	200	4.000	288.000
	40	46222	36	8,9	T-20	•	200	4.000	192.000
	45	46223	41	8,9	T-20	•	200	4.000	192.000

VARIANTA - BOXES FOR PROFESSIONALS

4,5	16	45994	12	8,9	T-20	1.000	10.000	480.000	
	20	45996	16	8,9	T-20	1.000	10.000	480.000	
	25	46169	21	8,9	T-20	•	500	5.000	240.000
	30	46171	26	8,9	T-20	•	500	5.000	240.000
	35	46173	31	8,9	T-20	•	500	5.000	240.000
	40	46175	36	8,9	T-20	•	500	5.000	240.000
	45	46177	41	8,9	T-20	•	500	5.000	240.000
	50	46179	46	8,9	T-20	•	200	2.000	96.000
	55	45998	51	8,9	T-20	•	200	2.000	96.000
	60	46181	56	8,9	T-20	•	200	2.000	96.000
	70	46000	66	8,9	T-20	•	200	2.000	96.000
80	46002	76	8,9	T-20	•	200	2.000	96.000	

SKV - SMALL BOXES

5,0	16	46224	11	9,6	T-25	200	4.800	403.200	
	20	46225	15	9,6	T-25	200	4.800	403.200	
	25	46226	20	9,6	T-25	•	200	4.000	288.000
	30	46227	25	9,6	T-25	•	200	4.000	288.000
	35	46228	30	9,6	T-25	•	200	4.000	288.000
	40	46229	35	9,6	T-25	•	200	4.000	192.000

Type: countersunk head with milling grooves

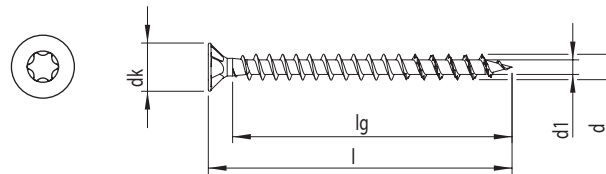
full threaded

Material: steel, hardened

Surface: bright zinc plated, A2K

Color code
HECO-Label

Recess: T-Drive



Size D x L [mm]	Article No.	Thread length [mm]	Head diameter [mm]	Recess	ETA	Packing unit [pcs.]	Pieces per outer carton [pcs.]	Pieces per pallet [pcs.]
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VARIANTA - BOXES FOR PROFESSIONALS

5,0	16	46092	11	9,6	T-25		1.000	10.000	480.000
	20	46094	15	9,6	T-25		500	5.000	240.000
	25	46096	20	9,6	T-25	•	500	5.000	240.000
	30	45571	25	9,6	T-25	•	500	5.000	240.000
	35	45573	30	9,6	T-25	•	500	5.000	240.000
	40	45575	35	9,6	T-25	•	500	5.000	240.000
	45	45577	40	9,6	T-25	•	200	2.000	96.000
	50	45579	45	9,6	T-25	•	200	2.000	96.000
	55	46098	50	9,6	T-25	•	200	2.000	96.000
	60	45581	55	9,6	T-25	•	200	2.000	96.000
	70	46100	65	9,6	T-25	•	200	2.000	96.000
	80	45583	75	9,6	T-25	•	200	2.000	96.000
	90	46102	85	9,6	T-25	•	200	2.000	96.000
	100	48805	95	9,6	T-25	•	100	1.000	48.000
120	46106	115	9,6	T-25	•	100	1.000	48.000	
6,0	30	46108	24	11,7	T-30	•	200	2.000	96.000
	35	45585	29	11,7	T-30	•	200	2.000	96.000
	40	45587	34	11,7	T-30	•	200	2.000	96.000
	45	45589	39	11,7	T-30	•	200	2.000	96.000
	50	45591	44	11,7	T-30	•	200	2.000	96.000
	55	46110	49	11,7	T-30	•	200	2.000	96.000
	60	45593	54	11,7	T-30	•	200	2.000	96.000
	70	46112	64	11,7	T-30	•	200	2.000	96.000
	80	45595	74	11,7	T-30	•	100	1.000	48.000
	90	46114	84	11,7	T-30	•	100	1.000	48.000
	100	45597	94	11,7	T-30	•	100	1.000	48.000
	110	46116	104	11,7	T-30	•	100	1.000	48.000
120	45599	114	11,7	T-30	•	100	1.000	48.000	

HU-plus HECO-UNIX-plus



Type: countersunk head with milling grooves

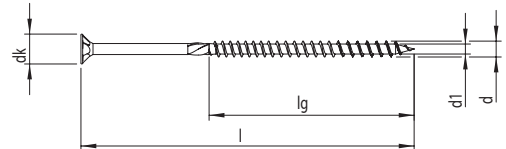
part threaded

Material: steel, hardened

Surface: bright zinc plated, A2K

Color code
HECO-Label

Recess: T-Drive



Size D x L [mm]	Article No.	Thread length [mm]	Head diameter [mm]	Recess	ETA	Packing unit [pcs.]	Pieces per outer carton [pcs.]	Pieces per pallet [pcs.]
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VARIANTA - BOXES FOR PROFESSIONALS

6,0	130	46118	80	11,7	T-30	•	100	1.000	48.000
	140	46120	80	11,7	T-30	•	100	1.000	48.000
	150	46122	80	11,7	T-30	•	100	800	38.400
	160	46124	80	11,7	T-30	•	100	800	38.400
	180	46126	80	11,7	T-30	•	100	400	25.600
	200	46128	80	11,7	T-30	•	100	400	25.600



HECO-UNIX-plus Wood panel screw

PRODUCT INFORMATION

- Gapless joining and mounting with just one screw
- Immediate insertion thanks to serrated screw tip
- Milling properties thanks to milling grooves
- Easy positioning and quick assembling especially on hard surfaces
- No creaking of the boards due to the HECO-UNIX full-threaded fixation
- Time savings due to the use of just one screw type
- CE-marking



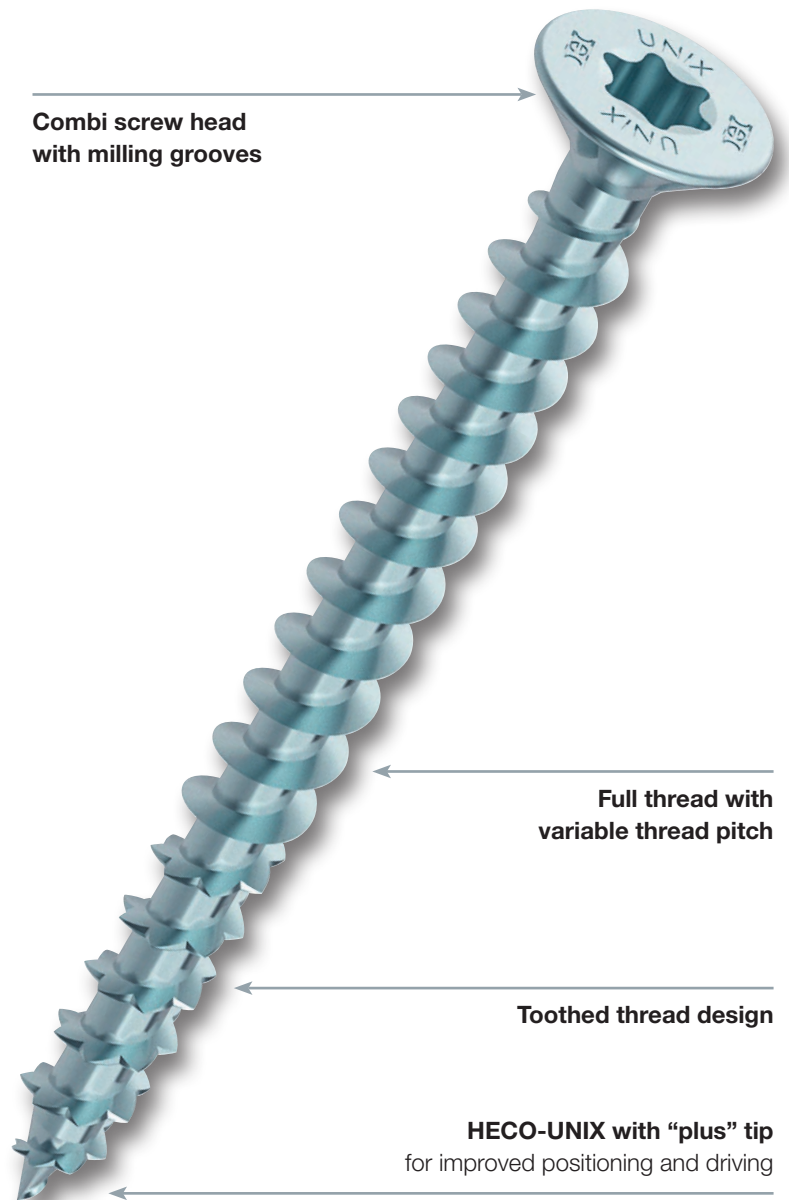
The unique wood panel screw with contraction effect

Combi screw head with milling grooves

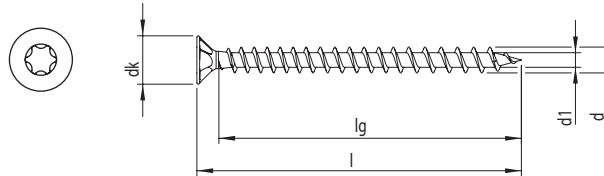
Full thread with variable thread pitch

Toothed thread design

HECO-UNIX with "plus" tip for improved positioning and driving



Type:	wood panel screw, countersunk head with milling grooves
	full threaded
Material:	steel, hardened
Surface:	bright zinc plated, A2K Color code HECO-Label
Recess:	T-Drive



Size D x L [mm]	Article No.	Thread length [mm]	Head diameter [mm]	Recess	ETA	Packing unit [pcs.]	Pieces per outer carton [pcs.]	Pieces per pallet [pcs.]
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VARIANTA - BOXES FOR PROFESSIONALS

4,5	50	47590	46	8,9	T-20	•	200	2.000	96.000
	60	47591	56	8,9	T-20	•	200	2.000	96.000
	70	47592	66	8,9	T-20	•	200	2.000	96.000
	80	47593	76	8,9	T-20	•	200	2.000	96.000



HECO-UNIX-top

PRODUCT INFORMATION

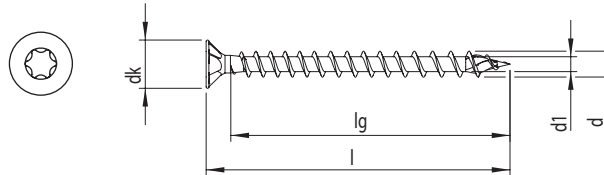
- For applications in natural timber and glulam
- For smallest spacings of screw without splitting the timber
- Faster driving due to higher thread pitch
- Fast positioning due to an optimised tip geometry



***The unique fully threaded screw
with contraction effect and „TOPIX“ tip***



Type:	countersunk head with milling grooves
	full threaded
Material:	steel, hardened
Surface:	bright zinc plated, A2K
Recess:	T-Drive



Color code
HECO-Label

Size D x L [mm]	Article No.	Thread length [mm]	Head diameter [mm]	Recess	ETA	Packing unit [pcs.]	Pieces per outer carton [pcs.]	Pieces per pallet [pcs.]
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VARIANTA - BOXES FOR PROFESSIONALS

3,5	20	46130	16	6,9	T-15	•	1.000	10.000	840.000
	25	46132	21	6,9	T-15	•	1.000	10.000	480.000
	30	45069	26	6,9	T-15	•	1.000	10.000	480.000
	35	45071	31	6,9	T-15	•	1.000	10.000	480.000
	40	45073	36	6,9	T-15	•	500	5.000	240.000
	45	45075	41	6,9	T-15	•	500	5.000	240.000
	50	45077	46	6,9	T-15	•	500	5.000	240.000
4,0	25	46134	21	7,9	T-20	•	1.000	10.000	480.000
	30	46136	26	7,9	T-20	•	1.000	10.000	480.000
	35	45079	31	7,9	T-20	•	500	5.000	240.000
	40	45081	36	7,9	T-20	•	500	5.000	240.000
	45	45083	41	7,9	T-20	•	500	5.000	240.000
	50	45085	46	7,9	T-20	•	500	5.000	240.000
	60	45087	56	7,9	T-20	•	200	2.000	96.000
4,5	30	46138	26	8,9	T-25	•	500	5.000	240.000
	35	46140	31	8,9	T-25	•	500	5.000	240.000
	40	45091	36	8,9	T-25	•	500	5.000	240.000
	45	45093	41	8,9	T-25	•	500	5.000	240.000
	50	45095	46	8,9	T-25	•	200	2.000	96.000
	60	45097	56	8,9	T-25	•	200	2.000	96.000
	70	45099	66	8,9	T-25	•	200	2.000	96.000
	80	45101	76	8,9	T-25	•	200	2.000	96.000



Type: countersunk head with milling grooves

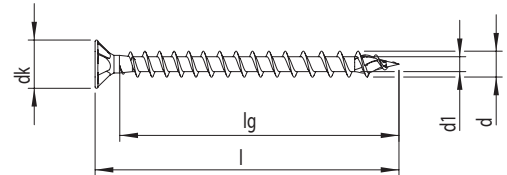
full threaded

Material: steel, hardened

Surface: bright zinc plated, A2K

Color code
HECO-Label

Recess: T-Drive



Size D x L [mm]	Article No.	Thread length [mm]	Head diameter [mm]	Recess	ETA	Packing unit [pcs.]	Pieces per outer carton [pcs.]	Pieces per pallet [pcs.]
5,0	30 46142	25	9,6	T-25	•	500	5.000	240.000
	35 46144	30	9,6	T-25	•	500	5.000	240.000
	40 45103	35	9,6	T-25	•	500	5.000	240.000
	45 45105	40	9,6	T-25	•	200	2.000	96.000
	50 45107	45	9,6	T-25	•	200	2.000	96.000
	60 45109	55	9,6	T-25	•	200	2.000	96.000
	70 45111	65	9,6	T-25	•	200	2.000	96.000
	80 45113	75	9,6	T-25	•	200	2.000	96.000
	90 45115	85	9,6	T-25	•	200	2.000	96.000
	100 48806	95	9,6	T-25	•	100	1.000	48.000
	120 45119	115	9,6	T-25	•	100	1.000	48.000
6,0	40 46146	35	11,7	T-30	•	200	2.000	96.000
	45 46148	40	11,7	T-30	•	200	2.000	96.000
	50 45121	45	11,7	T-30	•	200	2.000	96.000
	60 45123	55	11,7	T-30	•	200	2.000	96.000
	70 45125	65	11,7	T-30	•	200	2.000	96.000
	80 45127	75	11,7	T-30	•	100	1.000	48.000
	90 45129	85	11,7	T-30	•	100	1.000	48.000
	100 45131	95	11,7	T-30	•	100	1.000	48.000
	110 46150	105	11,7	T-30	•	100	1.000	48.000
	120 45133	115	11,7	T-30	•	100	1.000	48.000
	140 45135	135	11,7	T-30	•	100	1.000	48.000
150 46152	145	11,7	T-30	•	100	800	38.400	
160 45137	155	11,7	T-30	•	100	800	38.400	

Type: countersunk head with milling grooves

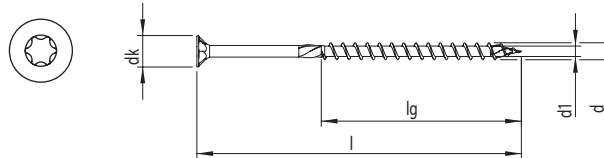
part threaded

Material: steel, hardened

Surface: bright zinc plated, A2K

Color code
HECO-Label

Recess: T-Drive



Size D x L [mm]	Article No.	Thread length [mm]	Head diameter [mm]	Recess	ETA	Packing unit [pcs.]	Pieces per outer carton [pcs.]	Pieces per pallet [pcs.]
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VARIANTA - BOXES FOR PROFESSIONALS

6,0	60	49742	35	11,7	T-30	•	200	2.000	96.000
	80	49744	45	11,7	T-30	•	100	1.000	48.000
	100	49746	60	11,7	T-30	•	100	1.000	48.000
	120	49748	70	11,7	T-30	•	100	1.000	48.000
	140	49750	80	11,7	T-30	•	100	1.000	48.000
	160	49752	80	11,7	T-30	•	100	800	38.400
	180	46154	80	11,7	T-30	•	100	400	25.600
	200	46156	80	11,7	T-30	•	100	400	25.600
	220	46158	80	11,7	T-30	•	100	400	25.600
	240	46160	80	11,7	T-30	•	100	400	25.600
	260	46162	80	11,7	T-30	•	100	400	19.200
	280	46164	80	11,7	T-30	•	100	400	19.200
	300	46166	80	11,7	T-30	•	100	400	19.200



HECO-UNIX-top Floorboard screw

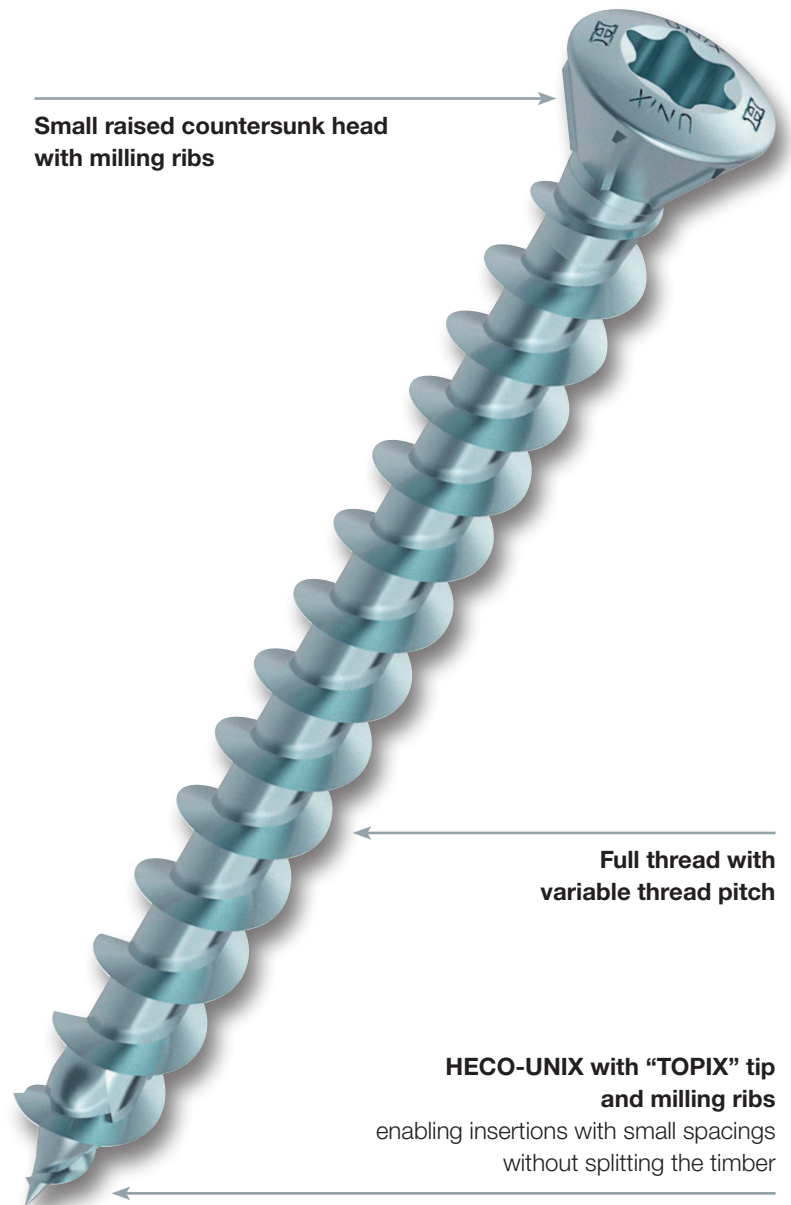
PRODUCT INFORMATION

- Fast, economic and efficient assemblance: mounting and fixing of boards with just one type of screw
- Gapless joining of floorboards due to fixation with HECO-UNIX full thread
- Reduced splitting effect during insertion due to the HECO-TOPIX® tip with milling ribs
- No creaking of floorboards due to fixation with HECO-UNIX full thread
- Time saving due to the use of only one type of screw
- Easy countersinking of the head into the tongue with reduced spreading effect
- CE-marking



The unique floorboard screw with contraction effect

Small raised countersunk head with milling ribs



Full thread with variable thread pitch

HECO-UNIX with "TOPIX" tip and milling ribs enabling insertions with small spacings without splitting the timber



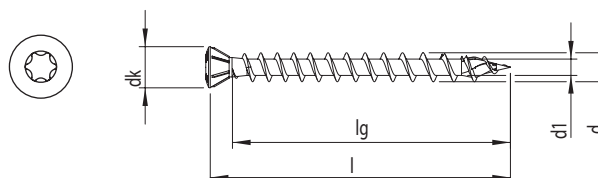
Type: floorboard screw, raised countersunk head with milling ribs
full threaded

Material: steel, hardened

Surface: bright zinc plated, A2K

Color code
HECO-Label

Recess: T-Drive



Size D x L [mm]	Article No.	Thread length [mm]	Head diameter [mm]	Recess	ETA	Packing unit [pcs.]	Pieces per outer carton [pcs.]	Pieces per pallet [pcs.]
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SKV - SMALL BOXES

3,5	40	46494	37	5,3	T-10	•	200	4.000	288.000
	50	46497	47	5,3	T-10	•	200	4.000	192.000

VARIANTA - BOXES FOR PROFESSIONALS

3,5	40	46495	37	5,3	T-10	•	500	5.000	240.000
	50	46498	47	5,3	T-10	•	500	5.000	240.000
	60	46501	57	5,3	T-10	•	500	5.000	180.000
	60	46500	57	5,3	T-10	•	200	2.000	96.000
4,0	70	46504	66	6,1	T-15	•	500	2.000	128.000
	70	46503	66	6,1	T-15	•	200	2.000	96.000
4,5	50	46507	46	6,8	T-20	•	500	5.000	180.000
	50	46506	46	6,8	T-20	•	200	2.000	96.000
	60	46510	56	6,8	T-20	•	500	2.000	128.000
	60	46509	56	6,8	T-20	•	200	2.000	96.000
	70	46513	66	6,8	T-20	•	500	2.000	128.000
	70	46512	66	6,8	T-20	•	200	2.000	96.000
	80	46516	76	6,8	T-20	•	500	2.000	128.000
	80	46515	76	6,8	T-20	•	200	2.000	96.000

Material: stainless steel A2 1.4567



Surface: self-colour, coated

Color code
HECO-Label

Size D x L [mm]	Article No.	Thread length [mm]	Head diameter [mm]	Recess	ETA	Packing unit [pcs.]	Pieces per outer carton [pcs.]	Pieces per pallet [pcs.]
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SKV - SMALL BOXES

3,5	50	48944	47	5,3	T-10	•	200	4.000	192.000
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HECO-UNIX-top Cladding screw

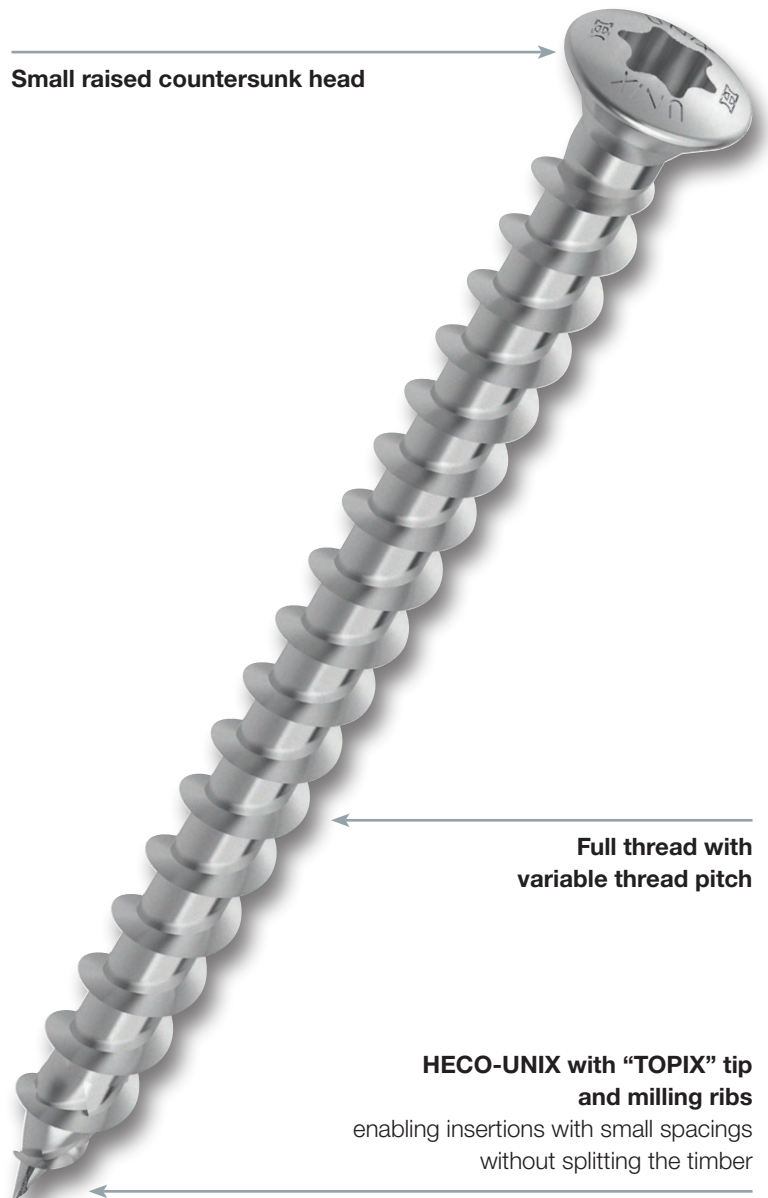


PRODUCT INFORMATION

- Small raised countersunk head for neat optics and reduction of trapped moisture
- Mounting and fixation of cladding with just one screw
- Gapless joining of cladding
- Permanent fixation and increased pull out values thanks to the HECO-UNIX full thread
- Reduced splitting effect due to the HECO-TOPIX® tip with milling ribs
- Screw types in stainless steel for permanent fixations according to utility class 3
- CE-marking



The unique cladding screw with contraction effect



Type: cladding screw, raised countersunk head
full threaded

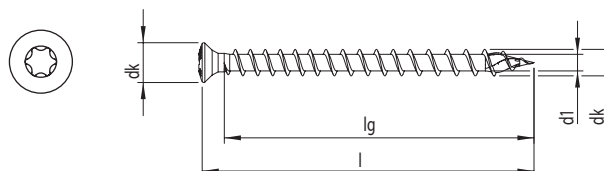
Material: stainless steel A2 1.4567



Surface: self-colour, coated

Color code
HECO-Label

Recess: T-Drive



Size D x L [mm]	Article No.	Thread length [mm]	Head diameter [mm]	Recess	ETA	Packing unit [pcs.]	Pieces per outer carton [pcs.]	Pieces per pallet [pcs.]
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VARIANTA - BOXES FOR PROFESSIONALS

4,5	50	45898	46	7,2	T-20	•	200	2.000	96.000
	60	45900	56	7,2	T-20	•	200	2.000	96.000
	70	45902	66	7,2	T-20	•	200	2.000	96.000
	80	45904	76	7,2	T-20	•	200	2.000	96.000
5,0	40	45427	36	7,2	T-20	•	200	2.000	96.000
	50	45429	46	7,2	T-20	•	200	2.000	96.000
	60	45431	56	7,2	T-20	•	200	2.000	96.000
	70	45433	66	7,2	T-20	•	200	2.000	96.000
	80	45435	76	7,2	T-20	•	200	2.000	96.000

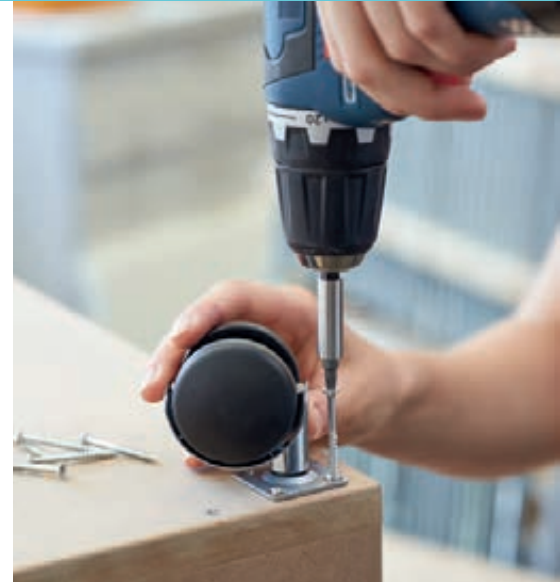


HECO-UFIX[®]

MDF screw

THE IDEAL SCREW FOR MDF AND HDF





HECO-UFIX® MDF screw

PRODUCT INFORMATION

MDF screw with special drilling tip

- Possible to work close to the edge and axis
- Screw connections possible at the end faces without predrilling
- Enlargement of insertion hole due to ribs on the point of the screw; thus reducing the splitting and bulging of the MDF
- Exact, non-slip positioning on the surface of the material
- Perfectly coordinated HECO-Drive and drive with stick-fit effect; the bit holds the screw securely without wobbling.
- Only one size of recess for the whole product range

The ideal screw for MDF and HDF

HECO-Drive-20

accurate H-Drive with stick-fit

Small countersunk head with milling grooves

Ideal cutting features in wood, accurate fit in metal fitting



Serrated thread

Reduces the driving torque

Cutting ribs on the tip

Reduce of MDF splitting

MDF drilling tip

Quick and easy predrilling



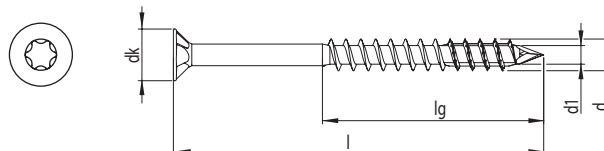
Type: MDF screw, countersunk head with milling grooves
part threaded

Material: steel, hardened

Surface: bright zinc plated, A2K

Color code
HECO-Label

Recess: HECO-Drive



Size D x L [mm]	Article No.	Thread length [mm]	Head diameter [mm]	Recess	ETA	Packing unit [pcs.]	Pieces per outer carton [pcs.]	Pieces per pallet [pcs.]
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SKV - SMALL BOXES

3,5	40	47970	28	7,0	HD-20	200	4.000	288.000
	45	47972	30	7,0	HD-20	200	4.000	288.000
	50	47974	35	7,0	HD-20	200	4.000	192.000
4,0	40	47976	28	7,4	HD-20	200	4.000	288.000
	45	47978	30	7,4	HD-20	200	4.000	192.000
	50	47980	35	7,4	HD-20	200	4.000	192.000
4,5	45	47984	30	7,9	HD-20	200	4.000	192.000

VARIANTA - BOXES FOR PROFESSIONALS

4,0	60	47982	40	7,4	HD-20	200	2.000	96.000
4,5	50	47986	35	7,9	HD-20	200	2.000	96.000

You will find the corresponding HECO-Drives on page 211

APPLICATION EXAMPLES



Installation of fittings on ends of boards



Butt carcass connections



Fastening of wheels

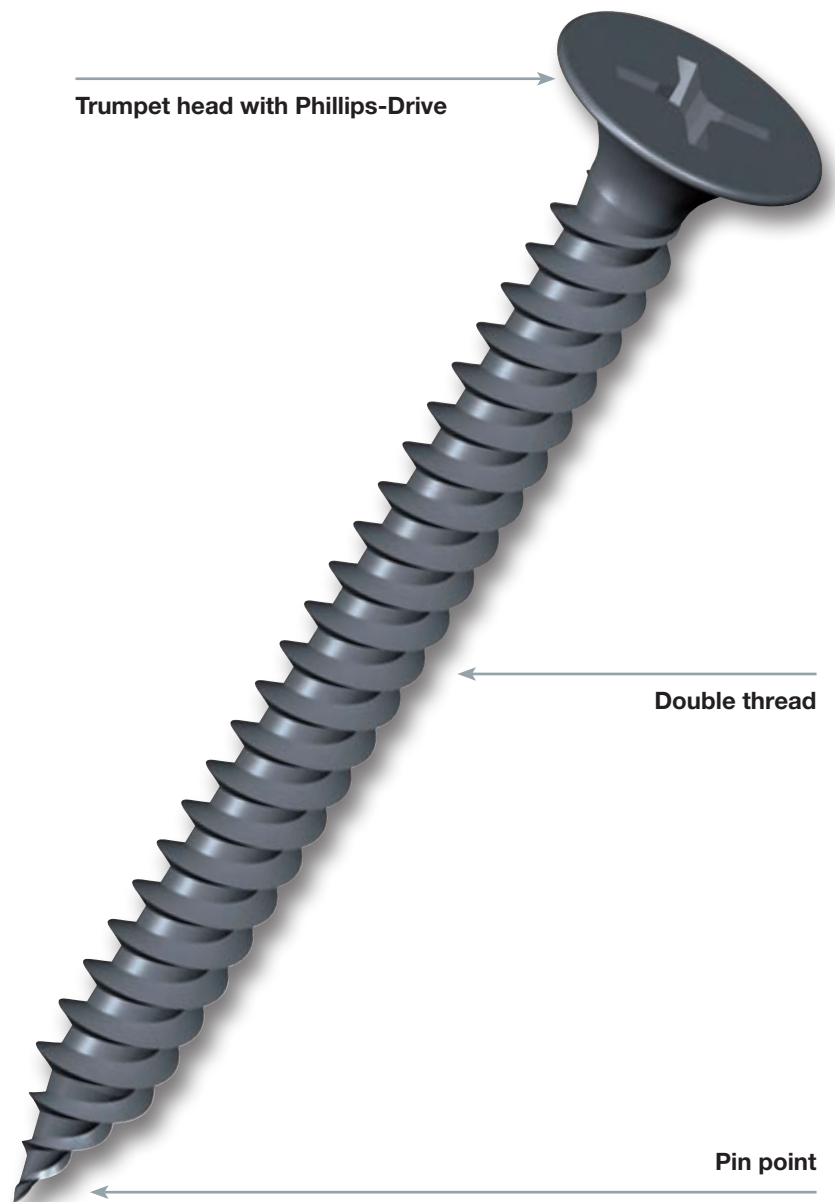


HECO® Drywall screws

PRODUCT INFORMATION

- Available in VARIANTA-boxes for professionals and belted for Helfer-Makita Systems
- Quality drywall screw
- Double thread with pin point
- Perfect positioning
- Phosphated and oiled
- Trumpet head
- Good fitting of the recess
- Also belted for System Helfer-Makita

The functional drywall screws



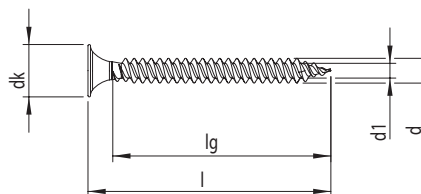
Type: trumpet head
double thread with pin point, full threaded

Material: steel, hardened

Surface: phosphated

Color code
HECO-Label

Recess: PH-Drive



Size D x L [mm]	Article No.	Thread length [mm]	Head diameter [mm]	Recess	ETA	Packing unit [pcs.]	Pieces per outer carton [pcs.]	Pieces per pallet [pcs.]
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VARIANTA - BOXES FOR PROFESSIONALS

3,9	25	17798	20	8,5	PH-2	1.000	10.000	480.000
	35	17759	27	8,5	PH-2	500	5.000	240.000
	45	17760	37	8,5	PH-2	500	5.000	240.000
	55	17944	47	8,5	PH-2	200	2.000	96.000

HECO®-Drywall screw belted

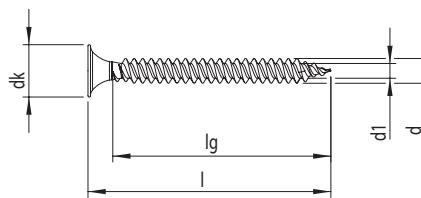
Type: trumpet head
double thread with pin point, full threaded

Material: steel, hardened

Surface: phosphated

Color code
HECO-Label

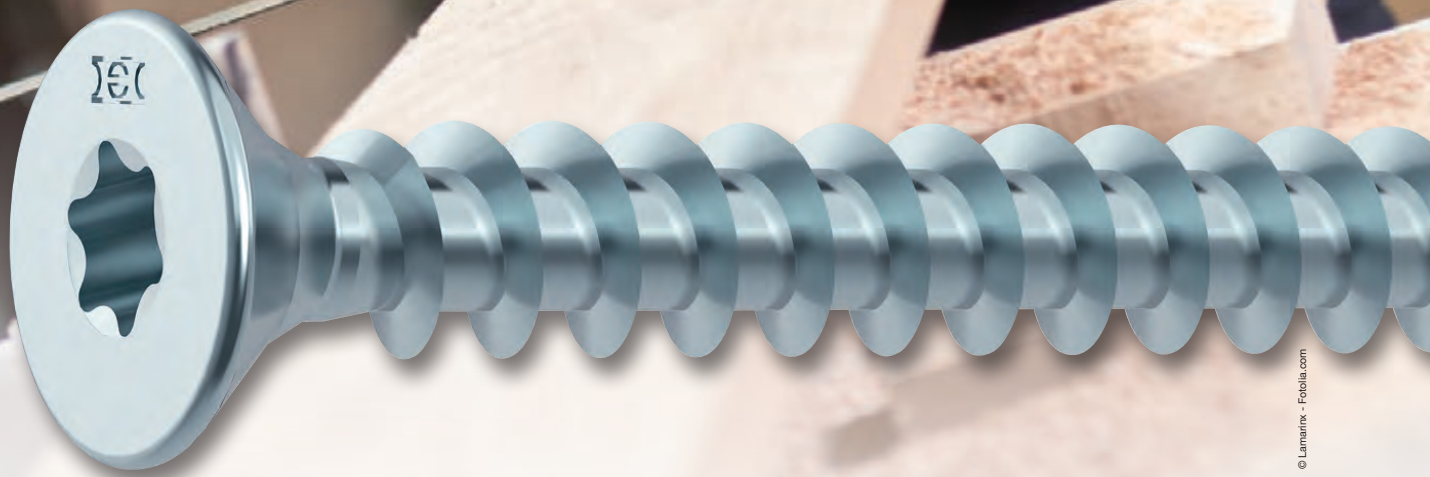
Recess: PH-Drive



Size D x L [mm]	Article No.	Thread length [mm]	Head diameter [mm]	Recess	ETA	Packing unit [pcs.]	Pieces per outer carton [pcs.]	Pieces per pallet [pcs.]
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STANDARD BOXES

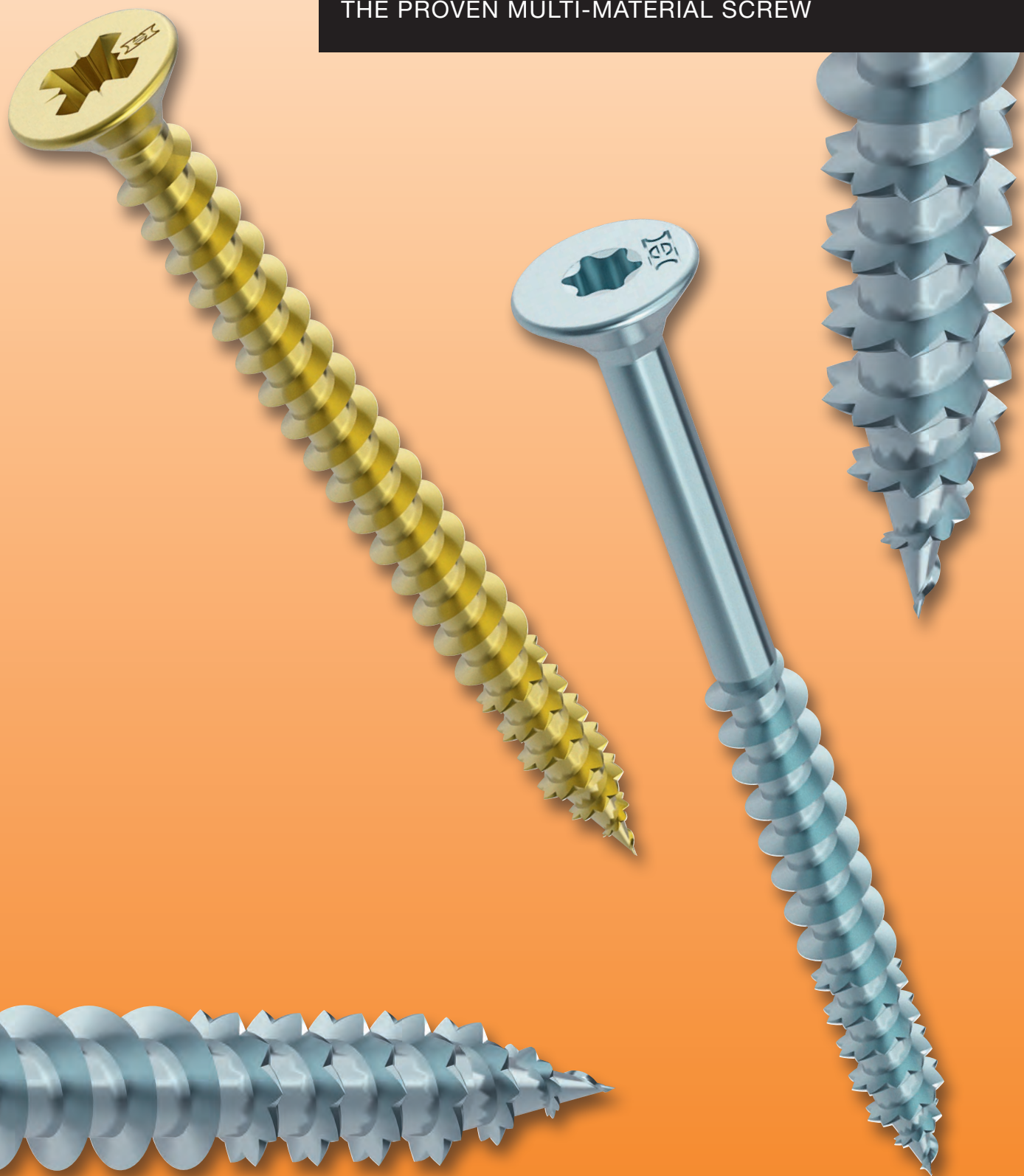
3,9	25	14374	20	8,5	PH-2	1.000	10.000	180.000
	35	14394	27	8,5	PH-2	1.000	10.000	180.000
	45	14424	37	8,5	PH-2	1.000	10.000	180.000
	55	14429	47	8,5	PH-2	1.000	10.000	180.000





HECO-FIX-plus[®]

THE PROVEN MULTI-MATERIAL SCREW





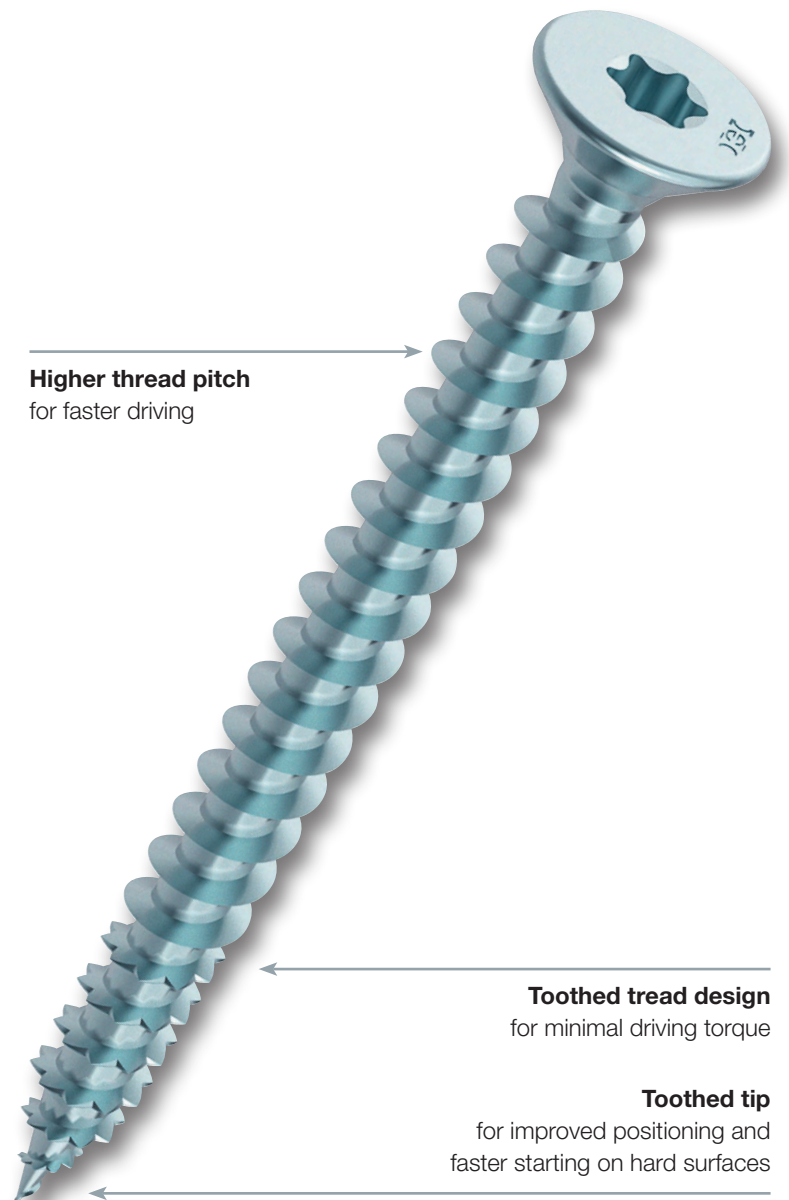
HECO-FIX-plus®

PRODUCT INFORMATION

- One screw for almost every application
- Perfect for all natural and industrial wood materials, plastic, masonry and thin sheet metal of up to 2 mm thickness
- Can be used in combination with nylon plugs
- Very low driving torques due to the innovative combination of lubrication with serrated thread design
- Professional packing system for all requirements
- Approved and monitored product



The proven multi-material screw

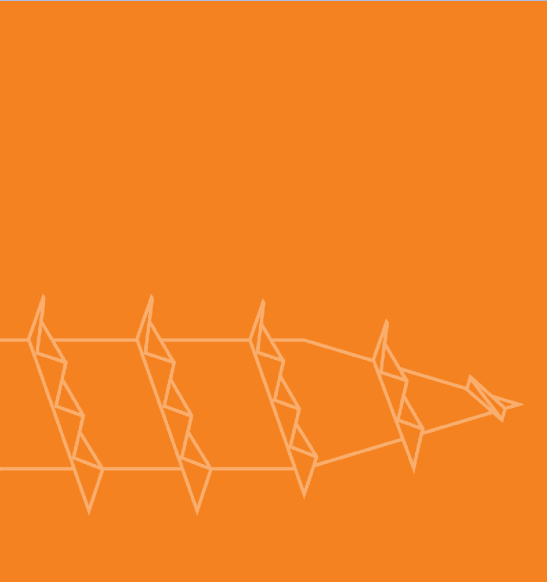


Higher thread pitch
for faster driving

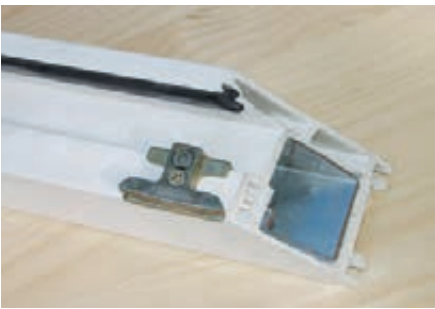
Toothed tread design
for minimal driving torque

Toothed tip
for improved positioning and
faster starting on hard surfaces





APPLICATION EXAMPLES



Plastic sections



Fixing into concrete and masonry



The ideal multi-material screw for lots of applications



Furniture assembling



Façades



Electrical installations

Suitable materials:

Hard woods such as bangkirai, chipboard, sheet metal, plywood, solid wood, medium density fibreboard (MDF), plastic, etc.





Type: countersunk head

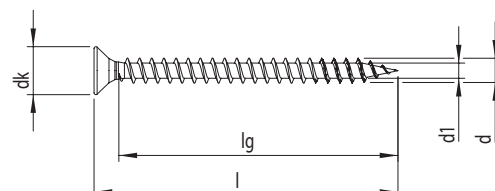
full threaded

Material: steel, hardened

Surface: bright zinc plated, A2K

Color code
HECO-Label

Recess: PZD



Size D x L [mm]	Article No.	Thread length [mm]	Head diameter [mm]	Recess	ETA	Packing unit [pcs.]	Pieces per outer carton [pcs.]	Pieces per pallet [pcs.]
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SKV - SMALL BOXES

2,5	10	16811	8	4,9	PZD-1	200	4.800	633.600
	12	16865	10	4,9	PZD-1	200	4.800	633.600
	15	23131	13	4,9	PZD-1	200	4.800	633.600
	16	17267	14	4,9	PZD-1	200	4.800	633.600
	20	17004	18	4,9	PZD-1	200	4.800	633.600
	25	17247	23	4,9	PZD-1	200	4.800	633.600

VARIANTA - BOXES FOR PROFESSIONALS

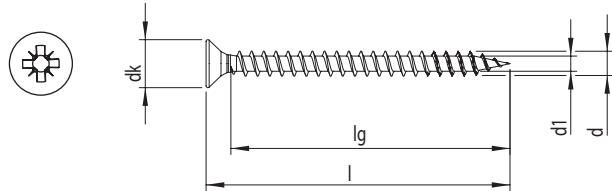
2,5	10	17891	8	4,9	PZD-1	1.000	10.000	840.000
	12	17877	10	4,9	PZD-1	1.000	10.000	840.000
	16	17862	14	4,9	PZD-1	1.000	10.000	840.000
	20	18461	18	4,9	PZD-1	1.000	10.000	840.000
	25	18711	23	4,9	PZD-1	1.000	10.000	840.000

SKV - SMALL BOXES

3,0	10	16792	7	5,9	PZD-1	200	4.800	633.600
	12	17253	9	5,9	PZD-1	200	4.800	633.600
	15	22097	12	5,9	PZD-1	200	4.800	633.600
	16	16807	13	5,9	PZD-1	200	4.800	633.600
	20	16768	17	5,9	PZD-1	200	4.800	633.600
	25	16977	22	5,9	PZD-1	200	4.800	633.600
	30	16920	27	5,9	PZD-1	200	4.800	633.600
	35	16784	31	5,9	PZD-1	200	4.800	403.200
	40	16782	36	5,9	PZD-1	200	4.000	288.000

Type:	countersunk head
	full threaded
Material:	steel, hardened
Surface:	bright zinc plated, A2K
Recess:	PZD

Color code
HECO-Label



Size D x L [mm]	Article No.	Thread length [mm]	Head diameter [mm]	Recess	ETA	Packing unit [pcs.]	Pieces per outer carton [pcs.]	Pieces per pallet [pcs.]
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VARIANTA - BOXES FOR PROFESSIONALS

3,0	10	17691	7	5,9	PZD-1	1.000	10.000	840.000
	12	17845	9	5,9	PZD-1	1.000	10.000	840.000
	15	22589	12	5,9	PZD-1	1.000	10.000	840.000
	16	16809	13	5,9	PZD-1	1.000	10.000	840.000
	20	17270	17	5,9	PZD-1	1.000	10.000	840.000
	25	17208	22	5,9	PZD-1	1.000	10.000	840.000
	30	16926	27	5,9	PZD-1	1.000	10.000	480.000
	35	17931	31	5,9	PZD-1	1.000	10.000	480.000
	40	16906	36	5,9	PZD-1	500	5.000	240.000
	45	17714	41	5,9	PZD-1	500	5.000	240.000

SKV - SMALL BOXES

3,5	12	16992	9	6,9	PZD-2	200	4.800	633.600
	15	16376	12	6,9	PZD-2	200	4.800	633.600
	16	16727	13	6,9	PZD-2	200	4.800	633.600
	20	16261	16	6,9	PZD-2	•	200	633.600
	25	16253	21	6,9	PZD-2	•	200	403.200
	30	16273	26	6,9	PZD-2	•	200	403.200
	35	16266	31	6,9	PZD-2	•	200	288.000
	40	16179	36	6,9	PZD-2	•	200	288.000
	45	17020	41	6,9	PZD-2	•	200	288.000
	50	16908	46	6,9	PZD-2	•	200	192.000



Type: countersunk head

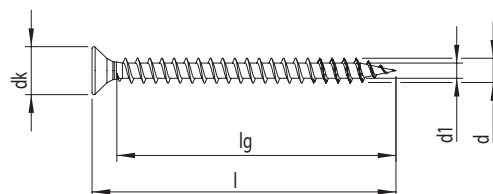
full threaded

Material: steel, hardened

Surface: bright zinc plated, A2K

Color code
HECO-Label

Recess: PZD



Size D x L [mm]	Article No.	Thread length [mm]	Head diameter [mm]	Recess	ETA	Packing unit [pcs.]	Pieces per outer carton [pcs.]	Pieces per pallet [pcs.]
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VARIANTA - BOXES FOR PROFESSIONALS

3,5	12	16680	9	6,9	PZD-2	1.000	10.000	840.000
	15	16375	12	6,9	PZD-2	1.000	10.000	840.000
	16	16728	13	6,9	PZD-2	1.000	10.000	840.000
	20	16251	16	6,9	PZD-2	•	1.000	10.000
	25	16245	21	6,9	PZD-2	•	1.000	10.000
	30	16260	26	6,9	PZD-2	•	1.000	10.000
	35	16262	31	6,9	PZD-2	•	1.000	10.000
	40	16180	36	6,9	PZD-2	•	500	5.000
	45	17005	41	6,9	PZD-2	•	500	5.000
	50	17702	46	6,9	PZD-2	•	500	5.000

SKV - SMALL BOXES

4,0	12	19391	8	7,9	PZD-2	200	4.800	633.600
	15	23090	11	7,9	PZD-2	200	4.800	633.600
	16	16797	12	7,9	PZD-2	200	4.800	633.600
	20	15836	15	7,9	PZD-2	200	4.800	633.600
	25	15854	20	7,9	PZD-2	•	200	4.800
	30	15511	25	7,9	PZD-2	•	200	4.800
	35	15514	30	7,9	PZD-2	•	200	4.000
	40	14763	35	7,9	PZD-2	•	200	4.000
	45	16162	40	7,9	PZD-2	•	200	4.000
	50	15577	45	7,9	PZD-2	•	200	4.000

Type: countersunk head

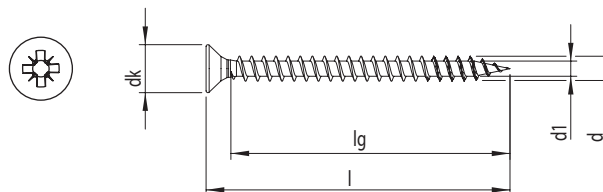
full threaded

Material: steel, hardened

Surface: bright zinc plated, A2K

Color code
HECO-Label

Recess: PZD



Size D x L [mm]	Article No.	Thread length [mm]	Head diameter [mm]	Recess	ETA	Packing unit [pcs.]	Pieces per outer carton [pcs.]	Pieces per pallet [pcs.]
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VARIANTA - BOXES FOR PROFESSIONALS

4,0	12	19047	8	7,9	PZD-2	1.000	10.000	840.000
	16	16830	12	7,9	PZD-2	1.000	10.000	840.000
	20	15837	15	7,9	PZD-2	1.000	10.000	480.000
	25	15843	20	7,9	PZD-2	•	1.000	480.000
	30	15509	25	7,9	PZD-2	•	1.000	480.000
	35	44067	30	7,9	PZD-2	•	500	240.000
	40	15468	35	7,9	PZD-2	•	500	240.000
	45	16163	40	7,9	PZD-2	•	500	240.000
	50	15578	45	7,9	PZD-2	•	500	240.000
	55	17025	50	7,9	PZD-2	•	200	96.000
	60	16789	54	7,9	PZD-2	•	200	96.000
	70	16881	60	7,9	PZD-2	•	200	96.000

SKV - SMALL BOXES

4,5	16	16866	12	8,9	PZD-2	200	4.800	633.600
	20	16798	15	8,9	PZD-2	200	4.800	576.000
	25	16185	20	8,9	PZD-2	•	200	403.200
	30	15952	25	8,9	PZD-2	•	200	288.000
	35	16134	30	8,9	PZD-2	•	200	288.000
	40	16213	35	8,9	PZD-2	•	200	192.000
45	16794	40	8,9	PZD-2	•	200	192.000	



Type: countersunk head

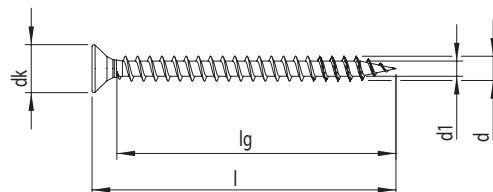
full threaded

Material: steel, hardened

Surface: bright zinc plated, A2K

Color code
HECO-Label

Recess: PZD



Size D x L [mm]	Article No.	Thread length [mm]	Head diameter [mm]	Recess	ETA	Packing unit [pcs.]	Pieces per outer carton [pcs.]	Pieces per pallet [pcs.]
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VARIANTA - BOXES FOR PROFESSIONALS

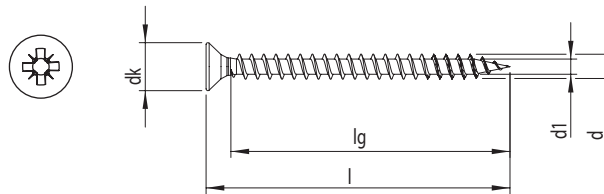
4,5	16	17952	12	8,9	PZD-2		1.000	10.000	480.000
	20	17537	15	8,9	PZD-2		1.000	10.000	480.000
	25	44647	20	8,9	PZD-2	•	500	5.000	240.000
	30	15951	25	8,9	PZD-2	•	500	5.000	240.000
	35	16133	30	8,9	PZD-2	•	500	5.000	240.000
	40	16214	35	8,9	PZD-2	•	500	5.000	240.000
	45	16795	40	8,9	PZD-2	•	500	5.000	240.000
	50	15299	45	8,9	PZD-2	•	200	2.000	96.000
	55	17689	50	8,9	PZD-2	•	200	2.000	96.000
	60	16087	54	8,9	PZD-2	•	200	2.000	96.000
	70	16958	60	8,9	PZD-2	•	200	2.000	96.000

SKV - SMALL BOXES

5,0	20	16923	15	9,6	PZD-2		200	4.800	403.200
	25	16895	20	9,6	PZD-2	•	200	4.000	288.000
	30	15583	24	9,6	PZD-2	•	200	4.000	288.000
	35	16870	29	9,6	PZD-2	•	200	4.000	288.000
	40	15612	34	9,6	PZD-2	•	200	4.000	192.000

Type:	countersunk head
	full threaded
Material:	steel, hardened
Surface:	bright zinc plated, A2K
Recess:	PZD

Color code
HECO-Label



Size D x L [mm]	Article No.	Thread length [mm]	Head diameter [mm]	Recess	ETA	Packing unit [pcs.]	Pieces per outer carton [pcs.]	Pieces per pallet [pcs.]
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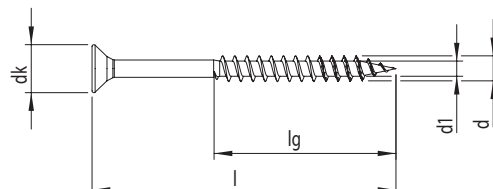
VARIANTA - BOXES FOR PROFESSIONALS

5,0	20	44641	15	9,6	PZD-2		500	5.000	240.000
	25	44578	20	9,6	PZD-2	•	500	5.000	240.000
	30	15584	24	9,6	PZD-2	•	500	5.000	240.000
	35	16868	29	9,6	PZD-2	•	500	5.000	240.000
	40	15616	34	9,6	PZD-2	•	500	5.000	240.000
	45	16910	39	9,6	PZD-2	•	200	2.000	96.000
	50	15656	44	9,6	PZD-2	•	200	2.000	96.000
	55	17090	49	9,6	PZD-2	•	200	2.000	96.000
	60	15568	54	9,6	PZD-2	•	200	2.000	96.000
	70	15290	60	9,6	PZD-2	•	200	2.000	96.000
6,0	30	22676	24	11,6	PZD-3	•	200	2.000	96.000
	35	22398	28	11,6	PZD-3	•	200	2.000	96.000
	40	16225	33	11,6	PZD-3	•	200	2.000	96.000
	45	19061	38	11,6	PZD-3	•	200	2.000	96.000
	50	15653	43	11,6	PZD-3	•	200	2.000	96.000
	60	15544	53	11,6	PZD-3	•	200	2.000	96.000
	70	15560	60	11,6	PZD-3	•	200	2.000	96.000



Type:	countersunk head
	part threaded
Material:	steel, hardened
Surface:	bright zinc plated, A2K
Recess:	PZD

Color code
HECO-Label



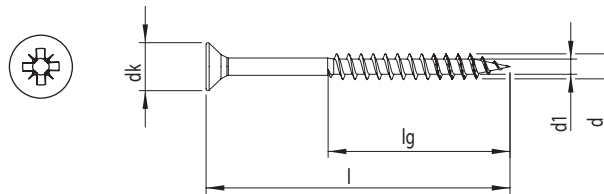
Size D x L [mm]	Article No.	Thread length [mm]	Head diameter [mm]	Recess	ETA	Packing unit [pcs.]	Pieces per outer carton [pcs.]	Pieces per pallet [pcs.]
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VARIANTA - BOXES FOR PROFESSIONALS

3,0	30	23156	18	5,9	PZD-1	1.000	10.000	480.000
	35	28381	22	5,9	PZD-1	1.000	10.000	480.000
	40	28404	23	5,9	PZD-1	500	5.000	240.000
	45	23450	28	5,9	PZD-1	500	5.000	240.000
3,5	25	22338	15	6,9	PZD-2	•	1.000	10.000
	30	20157	18	6,9	PZD-2	•	1.000	10.000
	35	17492	21	6,9	PZD-2	•	1.000	10.000
	40	18741	23	6,9	PZD-2	•	500	5.000
	45	18808	28	6,9	PZD-2	•	500	5.000
	50	18576	31	6,9	PZD-2	•	500	5.000
4,0	25	20270	15	7,9	PZD-2	•	1.000	10.000
	30	17491	18	7,9	PZD-2	•	1.000	10.000
	35	44100	20	7,9	PZD-2	•	500	5.000
	40	17472	25	7,9	PZD-2	•	500	5.000
	45	18579	28	7,9	PZD-2	•	500	5.000
	50	17688	30	7,9	PZD-2	•	500	5.000
	55	20088	33	7,9	PZD-2	•	200	2.000
	60	17553	37	7,9	PZD-2	•	200	2.000
	70	18809	42	7,9	PZD-2	•	200	2.000
	80	18835	48	8,9	PZD-2	•	200	2.000
4,5	30	22246	18	8,9	PZD-2	•	500	5.000
	35	18795	23	8,9	PZD-2	•	500	5.000
	40	18539	25	8,9	PZD-2	•	500	5.000
	45	18561	27	8,9	PZD-2	•	500	5.000
	50	18529	30	8,9	PZD-2	•	200	2.000
	55	23345	32	8,9	PZD-2	•	200	2.000
	60	18528	37	8,9	PZD-2	•	200	2.000
	70	18305	42	8,9	PZD-2	•	200	2.000
	80	18835	48	8,9	PZD-2	•	200	2.000

Type:	countersunk head
	part threaded
Material:	steel, hardened
Surface:	bright zinc plated, A2K
Recess:	PZD

Color code
HECO-Label



Size D x L [mm]	Article No.	Thread length [mm]	Head diameter [mm]	Recess	ETA	Packing unit [pcs.]	Pieces per outer carton [pcs.]	Pieces per pallet [pcs.]
5,0	30	22358	18	9,6	PZD-2	500	5.000	240.000
	35	18592	23	9,6	PZD-2	•	500	5.000
	40	18527	24	9,6	PZD-2	•	500	5.000
	45	18742	27	9,6	PZD-2	•	200	2.000
	50	18525	29	9,6	PZD-2	•	200	2.000
	55	23093	32	9,6	PZD-2	•	200	2.000
	60	17682	37	9,6	PZD-2	•	200	2.000
	70	18179	42	9,6	PZD-2	•	200	2.000
	80	18121	48	9,6	PZD-2	•	200	2.000
	90	19550	54	9,6	PZD-2	•	200	2.000
	100	48832	60	9,6	PZD-2	•	100	1.000
	120	17623	70	9,6	PZD-2	•	100	1.000
6,0	40	23348	24	11,6	PZD-3	•	200	2.000
	45	23558	28	11,6	PZD-3	•	200	2.000
	50	18619	32	11,6	PZD-3	•	200	2.000
	55	31261	32	11,6	PZD-3	•	200	2.000
	60	18665	37	11,6	PZD-3	•	200	2.000
	70	17811	43	11,6	PZD-3	•	200	2.000
	80	44038	45	11,6	PZD-3	•	100	1.000
	90	17895	53	11,6	PZD-3	•	100	1.000
	100	17358	60	11,6	PZD-3	•	100	1.000
	110	17320	70	11,6	PZD-3	•	100	1.000
	120	16904	70	11,6	PZD-3	•	100	1.000
	130	17006	70	11,6	PZD-3	•	100	1.000
	140	17390	70	11,6	PZD-3	•	100	1.000
	150	17396	70	11,6	PZD-3	•	100	800
	160	16937	80	11,6	PZD-3	•	100	800
170	23216	80	11,6	PZD-3	•	100	400	
180	16997	80	11,6	PZD-3	•	100	400	
200	17335	80	11,6	PZD-3	•	100	400	



Type: countersunk head

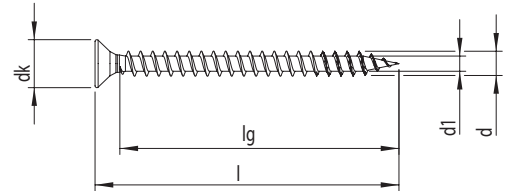
full threaded

Material: steel, hardened

Surface: yellow zinc plated, A2L

Color code
HECO-Label

Recess: PZD



Size D x L [mm]	Article No.	Thread length [mm]	Head diameter [mm]	Recess	ETA	Packing unit [pcs.]	Pieces per outer carton [pcs.]	Pieces per pallet [pcs.]
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SKV - SMALL BOXES

2,5	15	23130	13	4,9	PZD-1	200	4.800	633.600
	20	17959	18	4,9	PZD-1	200	4.800	633.600
	25	17191	23	4,9	PZD-1	200	4.800	633.600

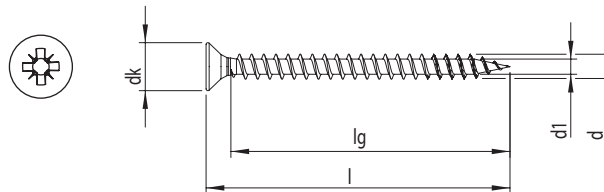
VARIANTA - BOXES FOR PROFESSIONALS

2,5	10	17237	8	4,9	PZD-1	1.000	10.000	840.000
	12	17238	10	4,9	PZD-1	1.000	10.000	840.000
	16	16886	14	4,9	PZD-1	1.000	10.000	840.000
	20	16890	18	4,9	PZD-1	1.000	10.000	840.000
	25	17046	23	4,9	PZD-1	1.000	10.000	840.000

SKV - SMALL BOXES

3,0	12	17040	9	5,9	PZD-1	200	4.800	633.600
	16	17016	13	5,9	PZD-1	200	4.800	633.600
	20	16731	17	5,9	PZD-1	200	4.800	633.600
	25	16700	22	5,9	PZD-1	200	4.800	633.600
	30	16777	27	5,9	PZD-1	200	4.800	633.600
	35	16954	31	5,9	PZD-1	200	4.800	403.200
	40	17608	36	5,9	PZD-1	200	4.000	288.000

Type:	countersunk head	
	full threaded	
Material:	steel, hardened	
Surface:	yellow zinc plated, A2L	Color code HECO-Label
Recess:	PZD	



Size D x L [mm]	Article No.	Thread length [mm]	Head diameter [mm]	Recess	ETA	Packing unit [pcs.]	Pieces per outer carton [pcs.]	Pieces per pallet [pcs.]
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VARIANTA - BOXES FOR PROFESSIONALS

3,0	10	17868	7	5,9	PZD-1	1.000	10.000	840.000
	12	16697	9	5,9	PZD-1	1.000	10.000	840.000
	16	16732	13	5,9	PZD-1	1.000	10.000	840.000
	20	16730	17	5,9	PZD-1	1.000	10.000	840.000
	25	16699	22	5,9	PZD-1	1.000	10.000	840.000
	30	16778	27	5,9	PZD-1	1.000	10.000	480.000
	35	16763	31	5,9	PZD-1	1.000	10.000	480.000
	40	16775	36	5,9	PZD-1	500	5.000	240.000
	45	16884	41	5,9	PZD-1	500	5.000	240.000

SKV - SMALL BOXES

3,5	12	17503	9	6,9	PZD-2	200	4.800	633.600	
	16	16793	13	6,9	PZD-2	200	4.800	633.600	
	20	16250	16	6,9	PZD-2	•	200	4.800	633.600
	25	16258	21	6,9	PZD-2	•	200	4.800	403.200
	30	16265	26	6,9	PZD-2	•	200	4.800	403.200
	35	16208	31	6,9	PZD-2	•	200	4.000	288.000
	40	16176	36	6,9	PZD-2	•	200	4.000	288.000
	45	17908	41	6,9	PZD-2	•	200	4.000	288.000
	50	17120	46	6,9	PZD-2	•	200	4.000	192.000



Type: countersunk head

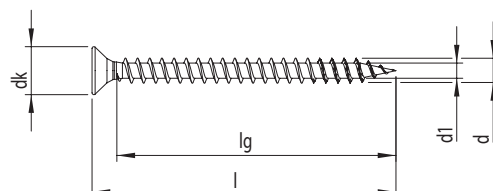
full threaded

Material: steel, hardened

Surface: yellow zinc plated, A2L

Color code
HECO-Label

Recess: PZD



Size D x L [mm]	Article No.	Thread length [mm]	Head diameter [mm]	Recess	ETA	Packing unit [pcs.]	Pieces per outer carton [pcs.]	Pieces per pallet [pcs.]
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VARIANTA - BOXES FOR PROFESSIONALS

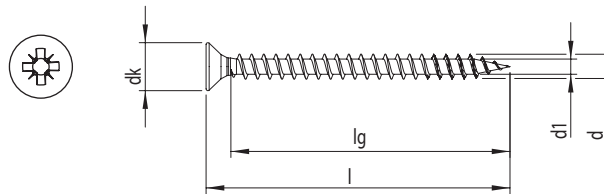
3,5	12	16708	9	6,9	PZD-2	1.000	10.000	840.000
	15	16351	12	6,9	PZD-2	1.000	10.000	840.000
	16	16724	13	6,9	PZD-2	1.000	10.000	840.000
	20	16246	16	6,9	PZD-2	•	1.000	840.000
	25	16241	21	6,9	PZD-2	•	1.000	480.000
	30	16257	26	6,9	PZD-2	•	1.000	480.000
	35	16206	31	6,9	PZD-2	•	1.000	480.000
	40	16177	36	6,9	PZD-2	•	500	240.000
	45	16723	41	6,9	PZD-2	•	500	240.000
	50	16691	46	6,9	PZD-2	•	500	240.000

SKV - SMALL BOXES

4,0	12	17309	8	7,9	PZD-2	200	4.800	633.600
	16	16837	12	7,9	PZD-2	200	4.800	633.600
	20	16096	15	7,9	PZD-2	200	4.800	633.600
	25	15896	20	7,9	PZD-2	•	200	403.200
	30	15520	25	7,9	PZD-2	•	200	403.200
	35	15525	30	7,9	PZD-2	•	200	288.000
	40	15247	35	7,9	PZD-2	•	200	288.000
	45	16138	40	7,9	PZD-2	•	200	192.000
	50	15683	45	7,9	PZD-2	•	200	192.000

Type:	countersunk head
	full threaded
Material:	steel, hardened
Surface:	yellow zinc plated, A2L
Recess:	PZD

Color code
HECO-Label



Size D x L [mm]	Article No.	Thread length [mm]	Head diameter [mm]	Recess	ETA	Packing unit [pcs.]	Pieces per outer carton [pcs.]	Pieces per pallet [pcs.]
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VARIANTA - BOXES FOR PROFESSIONALS

4,0	12	17972	8	7,9	PZD-2	•	1.000	10.000	840.000
	15	22671	11	7,9	PZD-2	•	1.000	10.000	840.000
	16	16712	12	7,9	PZD-2	•	1.000	10.000	840.000
	20	15839	15	7,9	PZD-2	•	1.000	10.000	480.000
	25	15861	20	7,9	PZD-2	•	1.000	10.000	480.000
	30	15523	25	7,9	PZD-2	•	1.000	10.000	480.000
	35	44097	30	7,9	PZD-2	•	500	5.000	240.000
	40	15478	35	7,9	PZD-2	•	500	5.000	240.000
	45	16132	40	7,9	PZD-2	•	500	5.000	240.000
	50	15576	45	7,9	PZD-2	•	500	5.000	240.000
	55	17692	50	7,9	PZD-2	•	200	2.000	96.000
	60	16701	54	7,9	PZD-2	•	200	2.000	96.000
	70	16611	60	7,9	PZD-2	•	200	2.000	96.000

SKV - SMALL BOXES

4,5	16	17066	12	8,9	PZD-2	•	200	4.800	633.600
	20	17936	15	8,9	PZD-2	•	200	4.800	576.000
	25	16146	20	8,9	PZD-2	•	200	4.800	403.200
	30	15946	25	8,9	PZD-2	•	200	4.000	288.000
	35	16136	30	8,9	PZD-2	•	200	4.000	288.000
	40	16166	35	8,9	PZD-2	•	200	4.000	192.000
	45	16991	40	8,9	PZD-2	•	200	4.000	192.000



Type: countersunk head

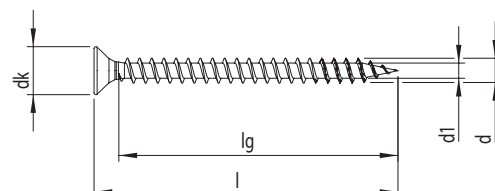
full threaded

Material: steel, hardened

Surface: yellow zinc plated, A2L

Color code
HECO-Label

Recess: PZD



Size D x L [mm]	Article No.	Thread length [mm]	Head diameter [mm]	Recess	ETA	Packing unit [pcs.]	Pieces per outer carton [pcs.]	Pieces per pallet [pcs.]
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VARIANTA - BOXES FOR PROFESSIONALS

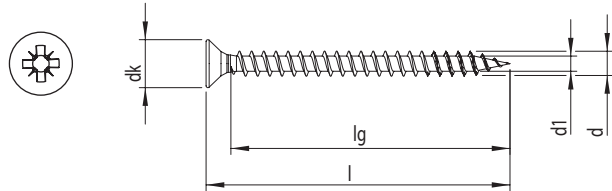
4,5	16	16711	12	8,9	PZD-2	1.000	10.000	480.000	
	20	16785	15	8,9	PZD-2	1.000	10.000	480.000	
	25	44646	20	8,9	PZD-2	•	500	240.000	
	30	15945	25	8,9	PZD-2	•	500	240.000	
	35	16129	30	8,9	PZD-2	•	500	240.000	
	40	16164	35	8,9	PZD-2	•	500	240.000	
	45	16706	40	8,9	PZD-2	•	500	240.000	
	50	16108	45	8,9	PZD-2	•	200	2.000	96.000
	55	17951	50	8,9	PZD-2	•	200	2.000	96.000
	60	16125	54	8,9	PZD-2	•	200	2.000	96.000
	70	16703	60	8,9	PZD-2	•	200	2.000	96.000

SKV - SMALL BOXES

5,0	16	17987	11	9,6	PZD-2	200	4.800	403.200
	20	17942	15	9,6	PZD-2	200	4.800	403.200
	25	17696	20	9,6	PZD-2	•	200	288.000
	30	15603	24	9,6	PZD-2	•	200	288.000
	35	17214	29	9,6	PZD-2	•	200	288.000
	40	15625	34	9,6	PZD-2	•	200	192.000

Type:	countersunk head
	full threaded
Material:	steel, hardened
Surface:	yellow zinc plated, A2L
Recess:	PZD

Color code
HECO-Label



Size D x L [mm]	Article No.	Thread length [mm]	Head diameter [mm]	Recess	ETA	Packing unit [pcs.]	Pieces per outer carton [pcs.]	Pieces per pallet [pcs.]
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VARIANTA - BOXES FOR PROFESSIONALS

5,0	20	44642	15	9,6	PZD-2		500	5.000	240.000
	25	44579	20	9,6	PZD-2	•	500	5.000	240.000
	30	15606	24	9,6	PZD-2	•	500	5.000	240.000
	35	16709	29	9,6	PZD-2	•	500	5.000	240.000
	40	15624	34	9,6	PZD-2	•	500	5.000	240.000
	45	16705	39	9,6	PZD-2	•	200	2.000	96.000
	50	15557	44	9,6	PZD-2	•	200	2.000	96.000
	55	17097	49	9,6	PZD-2	•	200	2.000	96.000
	60	15550	54	9,6	PZD-2	•	200	2.000	96.000
	70	15296	60	9,6	PZD-2	•	200	2.000	96.000
6,0	30	20740	24	11,6	PZD-3	•	200	2.000	96.000
	35	22547	28	11,6	PZD-3	•	200	2.000	96.000
	40	16762	33	11,6	PZD-3	•	200	2.000	96.000
	45	16882	38	11,6	PZD-3	•	200	2.000	96.000
	50	15655	43	11,6	PZD-3	•	200	2.000	96.000
	60	15674	53	11,6	PZD-3	•	200	2.000	96.000
	70	15551	60	11,6	PZD-3	•	200	2.000	96.000



Type: countersunk head

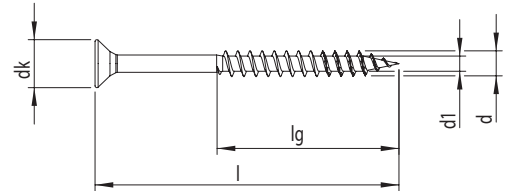
part threaded

Material: steel, hardened

Surface: yellow zinc plated, A2L

Color code
HECO-Label

Recess: PZD



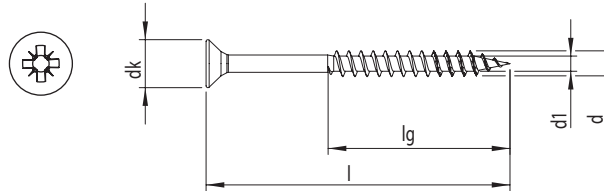
Size D x L [mm]	Article No.	Thread length [mm]	Head diameter [mm]	Recess	ETA	Packing unit [pcs.]	Pieces per outer carton [pcs.]	Pieces per pallet [pcs.]
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VARIANTA - BOXES FOR PROFESSIONALS

3,0	30	19627	18	5,9	PZD-1	1.000	10.000	480.000
	35	23419	22	5,9	PZD-1	1.000	10.000	480.000
	40	21164	23	5,9	PZD-1	500	5.000	240.000
	45	23388	28	5,9	PZD-1	500	5.000	240.000
3,5	25	18591	15	6,9	PZD-2	•	1.000	10.000
	30	17078	18	6,9	PZD-2	•	1.000	10.000
	35	17049	21	6,9	PZD-2	•	1.000	10.000
	40	17158	23	6,9	PZD-2	•	500	5.000
	45	17166	28	6,9	PZD-2	•	500	5.000
	50	17165	31	6,9	PZD-2	•	500	5.000
4,0	25	18283	15	7,9	PZD-2	•	1.000	10.000
	30	17680	18	7,9	PZD-2	•	1.000	10.000
	35	44071	20	7,9	PZD-2	•	500	5.000
	40	16656	25	7,9	PZD-2	•	500	5.000
	45	16604	28	7,9	PZD-2	•	500	5.000
	50	16858	30	7,9	PZD-2	•	500	5.000
	55	18587	33	7,9	PZD-2	•	200	2.000
	60	16845	37	7,9	PZD-2	•	200	2.000
	70	17184	42	7,9	PZD-2	•	200	2.000
	4,5	30	18585	18	8,9	PZD-2	•	500
35		17080	23	8,9	PZD-2	•	500	5.000
40		16707	25	8,9	PZD-2	•	500	5.000
45		16735	27	8,9	PZD-2	•	500	5.000
50		16684	30	8,9	PZD-2	•	200	2.000
55		22691	32	8,9	PZD-2	•	200	2.000
60		16844	37	8,9	PZD-2	•	200	2.000
70		16733	42	8,9	PZD-2	•	200	2.000
80		17099	48	8,9	PZD-2	•	200	2.000

Type:	countersunk head
	part threaded
Material:	steel, hardened
Surface:	yellow zinc plated, A2L
Recess:	PZD

Color code
HECO-Label



Size D x L [mm]	Article No.	Thread length [mm]	Head diameter [mm]	Recess	ETA	Packing unit [pcs.]	Pieces per outer carton [pcs.]	Pieces per pallet [pcs.]
5,0	30 17964	18	9,6	PZD-2		500	5.000	240.000
	35 17896	23	9,6	PZD-2	•	500	5.000	240.000
	40 16682	24	9,6	PZD-2	•	500	5.000	240.000
	45 17087	27	9,6	PZD-2	•	200	2.000	96.000
	50 16835	29	9,6	PZD-2	•	200	2.000	96.000
	55 20532	32	9,6	PZD-2	•	200	2.000	96.000
	60 16847	37	9,6	PZD-2	•	200	2.000	96.000
	70 16659	42	9,6	PZD-2	•	200	2.000	96.000
	80 16836	48	9,6	PZD-2	•	200	2.000	96.000
	90 17117	54	9,6	PZD-2	•	200	2.000	96.000
	100 48833	60	9,6	PZD-2	•	100	1.000	48.000
	120 17032	70	9,6	PZD-2	•	100	1.000	48.000
6,0	40 17221	24	11,6	PZD-3	•	200	2.000	96.000
	45 17920	28	11,6	PZD-3	•	200	2.000	96.000
	50 16562	32	11,6	PZD-3	•	200	2.000	96.000
	55 22610	32	11,6	PZD-3	•	200	2.000	96.000
	60 17095	37	11,6	PZD-3	•	200	2.000	96.000
	70 17170	43	11,6	PZD-3	•	200	2.000	96.000
	80 44115	45	11,6	PZD-3	•	100	1.000	48.000
	90 16658	53	11,6	PZD-3	•	100	1.000	48.000
	100 16674	60	11,6	PZD-3	•	100	1.000	48.000
	110 17167	70	11,6	PZD-3	•	100	1.000	48.000
	120 16902	70	11,6	PZD-3	•	100	1.000	48.000
	130 17119	70	11,6	PZD-3	•	100	1.000	48.000
	140 17419	70	11,6	PZD-3	•	100	1.000	48.000
	150 17292	70	11,6	PZD-3	•	100	800	38.400
	160 16938	80	11,6	PZD-3	•	100	800	38.400
	180 16963	80	11,6	PZD-3	•	100	400	25.600
200 16965	80	11,6	PZD-3	•	100	400	25.600	



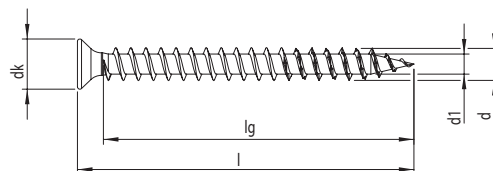
Type: reduced countersunk head
full threaded

Material: steel, hardened

Surface: bright zinc plated, A2K

Color code
HECO-Label

Recess: PZD



Size D x L [mm]	Article No.	Thread length [mm]	Head diameter [mm]	Recess	ETA	Packing unit [pcs.]	Pieces per outer carton [pcs.]	Pieces per pallet [pcs.]
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SKV - SMALL BOXES

3,0	16	23341	13	5,0	PZD-1	200	4.800	633.600
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VARIANTA - BOXES FOR PROFESSIONALS

3,0	12	23295	9	5,0	PZD-1	1.000	10.000	840.000
	15	23161	12	5,0	PZD-1	1.000	10.000	840.000
	16	20090	13	5,0	PZD-1	1.000	10.000	840.000
	20	18397	17	5,0	PZD-1	1.000	10.000	840.000
	25	23259	22	5,0	PZD-1	1.000	10.000	840.000
	30	23283	27	5,0	PZD-1	1.000	10.000	480.000
	35	23819	31	5,0	PZD-1	1.000	10.000	480.000

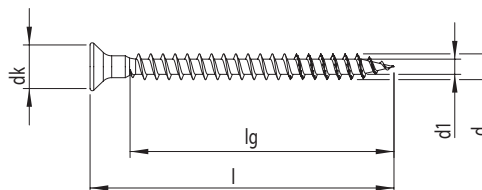
Type: countersunk head with centre drilled hole
full threaded

Material: steel, hardened

Surface: bright zinc plated, A2K

Color code
HECO-Label

Recess: PZD + with drilled hole 2,4 mm



Size D x L [mm]	Article No.	Thread length [mm]	Head diameter [mm]	Recess	ETA	Packing unit [pcs.]	Pieces per outer carton [pcs.]	Pieces per pallet [pcs.]
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SKV - SMALL BOXES

4,0	30	22991	22	7,9	PZD-2	200	4.800	403.200
	35	07518	27	7,9	PZD-2	200	4.000	288.000
	40	07632	32	7,9	PZD-2	200	4.000	288.000
	50	07851	43	7,9	PZD-2	200	4.000	192.000

VARIANTA - BOXES FOR PROFESSIONALS

4,0	25	23213	17	7,9	PZD-2	1.000	10.000	480.000
	30	15398	22	7,9	PZD-2	1.000	10.000	480.000
	35	44096	29	7,9	PZD-2	500	5.000	240.000
	40	07634	32	7,9	PZD-2	500	5.000	240.000
	45	18867	37	7,9	PZD-2	500	5.000	240.000
	50	15268	43	7,9	PZD-2	500	5.000	240.000
	60	15842	53	7,9	PZD-2	200	2.000	96.000

SKV - SMALL BOXES

4,5	25	08252	18	8,9	PZD-2	200	4.800	403.200
	30	08344	21	8,9	PZD-2	200	4.000	288.000
	35	08434	28	8,9	PZD-2	200	4.000	288.000
	40	08527	31	8,9	PZD-2	200	4.000	192.000
	45	08634	37	8,9	PZD-2	200	4.000	192.000

You will find suitable caps on page 209



Type: countersunk head with centre drilled hole

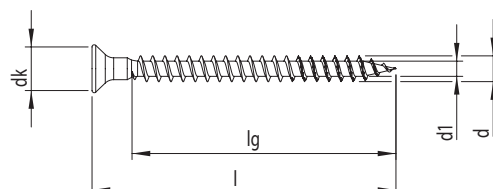
full threaded

Material: steel, hardened

Surface: bright zinc plated, A2K

Color code
HECO-Label

Recess: PZD + with drilled hole 2,4 mm



Size D x L [mm]	Article No.	Thread length [mm]	Head diameter [mm]	Recess	ETA	Packing unit [pcs.]	Pieces per outer carton [pcs.]	Pieces per pallet [pcs.]
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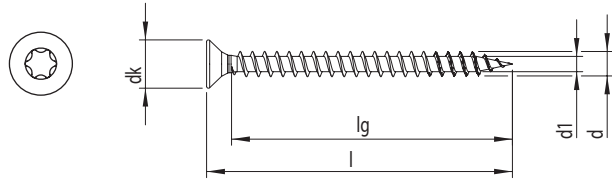
VARIANTA - BOXES FOR PROFESSIONALS

4,5	20	18148	12	8,9	PZD-2	1.000	10.000	480.000
	25	08256	18	8,9	PZD-2	1.000	10.000	480.000
	30	08348	21	8,9	PZD-2	500	5.000	240.000
	35	08437	28	8,9	PZD-2	500	5.000	240.000
	40	08531	31	8,9	PZD-2	500	5.000	240.000
	45	08637	37	8,9	PZD-2	500	5.000	240.000
	50	08718	43	8,9	PZD-2	200	2.000	96.000
	60	08827	53	8,9	PZD-2	200	2.000	96.000
	70	08884	61	8,9	PZD-2	200	2.000	96.000
5,0	40	09278	30	9,8	PZD-2	500	5.000	240.000
	50	15244	40	9,8	PZD-2	200	2.000	96.000
	60	09549	50	9,8	PZD-2	200	2.000	96.000
	70	09652	61	9,8	PZD-2	200	2.000	96.000
	80	09727	71	9,8	PZD-2	200	2.000	96.000

You will find suitable caps on page 209

Type:	countersunk head
	full threaded
Material:	steel, hardened
Surface:	bright zinc plated, A2K
Recess:	T-Drive

Color code
HECO-Label



Size D x L [mm]	Article No.	Thread length [mm]	Head diameter [mm]	Recess	ETA	Packing unit [pcs.]	Pieces per outer carton [pcs.]	Pieces per pallet [pcs.]
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VARIANTA - BOXES FOR PROFESSIONALS

2,5	12	18063	10	4,9	T-8	1.000	10.000	840.000
	16	18069	14	4,9	T-8	1.000	10.000	840.000

SKV - SMALL BOXES

3,0	16	18582	13	5,9	T-10	200	4.800	633.600
	20	19659	17	5,9	T-10	200	4.800	633.600
	25	19059	22	5,9	T-10	200	4.800	633.600
	30	18325	27	5,9	T-10	200	4.800	633.600
	35	18177	31	5,9	T-10	200	4.800	403.200
	40	18176	36	5,9	T-10	200	4.000	288.000
	45	19146	41	5,9	T-10	200	4.000	288.000

VARIANTA - BOXES FOR PROFESSIONALS

3,0	12	21033	9	5,9	T-10	1.000	10.000	840.000
	16	17634	13	5,9	T-10	1.000	10.000	840.000
	20	17633	17	5,9	T-10	1.000	10.000	840.000
	25	17632	22	5,9	T-10	1.000	10.000	840.000
	30	17961	27	5,9	T-10	1.000	10.000	480.000
	35	16979	31	5,9	T-10	1.000	10.000	480.000
	40	17678	36	5,9	T-10	500	5.000	240.000
	45	17764	41	5,9	T-10	500	5.000	240.000



Type: countersunk head

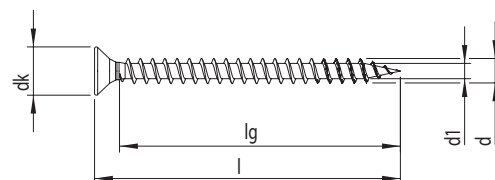
full threaded

Material: steel, hardened

Surface: bright zinc plated, A2K

Color code
HECO-Label

Recess: T-Drive



Size D x L [mm]	Article No.	Thread length [mm]	Head diameter [mm]	Recess	ETA	Packing unit [pcs.]	Pieces per outer carton [pcs.]	Pieces per pallet [pcs.]
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SKV - SMALL BOXES

3,5	16	18351	13	6,9	T-15		200	4.800	633.600
	20	18044	16	6,9	T-15	•	200	4.800	633.600
	25	19048	21	6,9	T-15	•	200	4.800	403.200
	30	17635	26	6,9	T-15	•	200	4.800	403.200
	35	17962	31	6,9	T-15	•	200	4.000	288.000
	40	17753	36	6,9	T-15	•	200	4.000	288.000
	45	18143	41	6,9	T-15	•	200	4.000	288.000
	50	18142	46	6,9	T-15	•	200	4.000	192.000

VARIANTA - BOXES FOR PROFESSIONALS

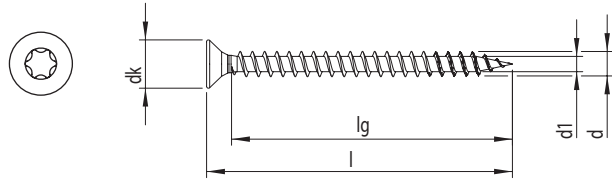
3,5	12	17368	9	6,9	T-15		1.000	10.000	840.000
	16	17631	13	6,9	T-15		1.000	10.000	840.000
	20	17234	16	6,9	T-15	•	1.000	10.000	840.000
	25	17423	21	6,9	T-15	•	1.000	10.000	480.000
	30	17313	26	6,9	T-15	•	1.000	10.000	480.000
	35	17654	31	6,9	T-15	•	1.000	10.000	480.000
	40	17347	36	6,9	T-15	•	500	5.000	240.000
	45	16980	41	6,9	T-15	•	500	5.000	240.000
50	17182	46	6,9	T-15	•	500	5.000	240.000	

SKV - SMALL BOXES

4,0	16	18463	12	7,9	T-15		200	4.800	633.600
	20	18150	15	7,9	T-15		200	4.800	633.600
	25	18409	20	7,9	T-15	•	200	4.800	403.200
	30	18328	25	7,9	T-15	•	200	4.800	403.200
	35	19262	30	7,9	T-15	•	200	4.000	288.000
	40	17958	35	7,9	T-15	•	200	4.000	288.000
	45	17645	40	7,9	T-15	•	200	4.000	192.000
	50	19058	45	7,9	T-15	•	200	4.000	192.000

Type:	countersunk head
	full threaded
Material:	steel, hardened
Surface:	bright zinc plated, A2K
Recess:	T-Drive

Color code
HECO-Label



Size D x L [mm]	Article No.	Thread length [mm]	Head diameter [mm]	Recess	ETA	Packing unit [pcs.]	Pieces per outer carton [pcs.]	Pieces per pallet [pcs.]
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VARIANTA - BOXES FOR PROFESSIONALS

4,0	16	17855	12	7,9	T-15		1.000	10.000	840.000
	20	17950	15	7,9	T-15		1.000	10.000	480.000
	25	17637	20	7,9	T-15	•	1.000	10.000	480.000
	30	17641	25	7,9	T-15	•	1.000	10.000	480.000
	35	44077	30	7,9	T-15	•	500	5.000	240.000
	40	17275	35	7,9	T-15	•	500	5.000	240.000
	45	17408	40	7,9	T-15	•	500	5.000	240.000
	50	18000	45	7,9	T-15	•	500	5.000	240.000
	55	17111	50	7,9	T-15	•	200	2.000	96.000
	60	17242	54	7,9	T-15	•	200	2.000	96.000
	70	17519	60	7,9	T-15	•	200	2.000	96.000

SKV - SMALL BOXES

4,5	20	18380	15	8,9	T-25		200	4.800	576.000
	25	18420	20	8,9	T-25	•	200	4.800	403.200
	30	17974	25	8,9	T-25	•	200	4.000	288.000
	35	18385	30	8,9	T-25	•	200	4.000	288.000
	40	17882	35	8,9	T-25	•	200	4.000	192.000
	45	17971	40	8,9	T-25	•	200	4.000	192.000



Type: countersunk head

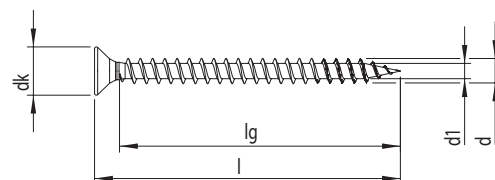
full threaded

Material: steel, hardened

Surface: bright zinc plated, A2K

Color code
HECO-Label

Recess: T-Drive



Size D x L [mm]	Article No.	Thread length [mm]	Head diameter [mm]	Recess	ETA	Packing unit [pcs.]	Pieces per outer carton [pcs.]	Pieces per pallet [pcs.]
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VARIANTA - BOXES FOR PROFESSIONALS

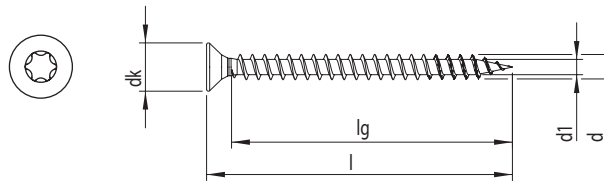
4,5	20	17239	15	8,9	T-25		1.000	10.000	480.000
	25	44648	20	8,9	T-25	•	500	5.000	240.000
	30	17231	25	8,9	T-25	•	500	5.000	240.000
	35	17887	30	8,9	T-25	•	500	5.000	240.000
	40	17529	35	8,9	T-25	•	500	5.000	240.000
	45	17132	40	8,9	T-25	•	500	5.000	240.000
	50	17667	45	8,9	T-25	•	200	2.000	96.000
	55	17406	50	8,9	T-25	•	200	2.000	96.000
	60	17906	54	8,9	T-25	•	200	2.000	96.000
	70	17620	60	8,9	T-25	•	200	2.000	96.000

SKV - SMALL BOXES

5,0	30	18892	24	9,6	T-25	•	200	4.000	288.000
	35	18889	29	9,6	T-25	•	200	4.000	288.000
	40	17997	34	9,6	T-25	•	200	4.000	192.000

Type:	countersunk head
	full threaded
Material:	steel, hardened
Surface:	bright zinc plated, A2K
Recess:	T-Drive

Color code
HECO-Label



Size D x L [mm]	Article No.	Thread length [mm]	Head diameter [mm]	Recess	ETA	Packing unit [pcs.]	Pieces per outer carton [pcs.]	Pieces per pallet [pcs.]
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VARIANTA - BOXES FOR PROFESSIONALS

5,0	20	44643	15	9,6	T-25		500	5.000	240.000
	25	44580	20	9,6	T-25	•	500	5.000	240.000
	30	17927	24	9,6	T-25	•	500	5.000	240.000
	35	17670	29	9,6	T-25	•	500	5.000	240.000
	40	17566	34	9,6	T-25	•	500	5.000	240.000
	45	18495	39	9,6	T-25	•	200	2.000	96.000
	50	17897	44	9,6	T-25	•	200	2.000	96.000
	60	17902	54	9,6	T-25	•	200	2.000	96.000
	70	17917	60	9,6	T-25	•	200	2.000	96.000
	6,0	30	19786	24	11,6	T-25	•	200	2.000
40		17053	33	11,6	T-25	•	200	2.000	96.000
45		19181	38	11,6	T-25	•	200	2.000	96.000
50		17113	43	11,6	T-25	•	200	2.000	96.000
60		17875	53	11,6	T-25	•	200	2.000	96.000
70		17918	60	11,6	T-25	•	200	2.000	96.000



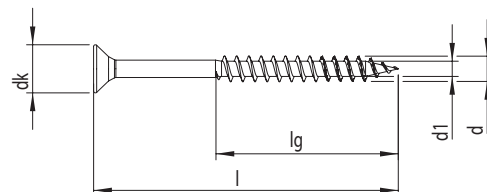
Type: countersunk head
part threaded

Material: steel, hardened

Surface: bright zinc plated, A2K

Recess: T-Drive

Color code
HECO-Label

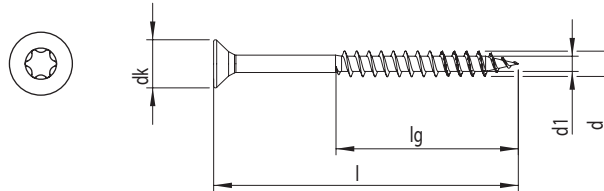
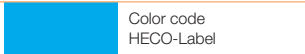


Size D x L [mm]	Article No.	Thread length [mm]	Head diameter [mm]	Recess	ETA	Packing unit [pcs.]	Pieces per outer carton [pcs.]	Pieces per pallet [pcs.]
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VARIANTA - BOXES FOR PROFESSIONALS

3,0	30	19459	18	5,9	T-10	•	1.000	10.000	480.000
	35	19175	18	5,9	T-10	•	1.000	10.000	480.000
	40	23812	23	5,9	T-10	•	500	5.000	240.000
	45	17600	28	5,9	T-10	•	500	5.000	240.000
3,5	25	20831	18	6,9	T-15	•	1.000	10.000	480.000
	30	19590	18	6,9	T-15	•	1.000	10.000	480.000
	35	18968	21	6,9	T-15	•	1.000	10.000	480.000
	40	19827	23	6,9	T-15	•	500	5.000	240.000
	45	20750	28	6,9	T-15	•	500	5.000	240.000
	50	17542	31	6,9	T-15	•	500	5.000	240.000
4,0	25	19575	15	7,9	T-15	•	1.000	10.000	480.000
	30	19586	18	7,9	T-15	•	1.000	10.000	480.000
	35	44102	20	7,9	T-15	•	500	5.000	240.000
	40	18060	25	7,9	T-15	•	500	5.000	240.000
	45	18081	28	7,9	T-15	•	500	5.000	240.000
	50	18084	30	7,9	T-15	•	500	5.000	240.000
	55	20850	33	7,9	T-15	•	200	2.000	96.000
	60	18813	37	7,9	T-15	•	200	2.000	96.000
	70	18575	42	7,9	T-15	•	200	2.000	96.000
	4,5	30	21607	18	8,9	T-25	•	500	5.000
35		19552	23	8,9	T-25	•	500	5.000	240.000
40		18078	25	8,9	T-25	•	500	5.000	240.000
45		18125	27	8,9	T-25	•	500	5.000	240.000
50		18126	30	8,9	T-25	•	200	2.000	96.000
55		20191	32	8,9	T-25	•	200	2.000	96.000
60		18072	37	8,9	T-25	•	200	2.000	96.000
70		17147	42	8,9	T-25	•	200	2.000	96.000
80		17327	48	8,9	T-25	•	200	2.000	96.000

Type:	countersunk head
	part threaded
Material:	steel, hardened
Surface:	bright zinc plated, A2K
Recess:	T-Drive



Size D x L [mm]	Article No.	Thread length [mm]	Head diameter [mm]	Recess	ETA	Packing unit [pcs.]	Pieces per outer carton [pcs.]	Pieces per pallet [pcs.]
5,0	30 40628	18	9,6	T-25		500	5.000	240.000
	35 19466	23	9,6	T-25	•	500	5.000	240.000
	40 18097	24	9,6	T-25	•	500	5.000	240.000
	45 21566	27	9,6	T-25	•	200	2.000	96.000
	50 18165	29	9,6	T-25	•	200	2.000	96.000
	55 23097	32	9,6	T-25	•	200	2.000	96.000
	60 18098	37	9,6	T-25	•	200	2.000	96.000
	70 18187	42	9,6	T-25	•	200	2.000	96.000
	80 18105	48	9,6	T-25	•	200	2.000	96.000
	90 18080	54	9,6	T-25	•	200	2.000	96.000
	100 48834	60	9,6	T-25	•	100	1.000	48.000
	120 17625	70	9,6	T-25	•	100	1.000	48.000
6,0	50 18137	28	11,6	T-25	•	200	2.000	96.000
	60 18178	37	11,6	T-25	•	200	2.000	96.000
	70 18104	43	11,6	T-25	•	200	2.000	96.000
	80 44117	45	11,6	T-25	•	100	1.000	48.000
	90 18188	53	11,6	T-25	•	100	1.000	48.000
	100 17907	60	11,6	T-25	•	100	1.000	48.000
	110 17274	70	11,6	T-25	•	100	1.000	48.000
	120 17629	70	11,6	T-25	•	100	1.000	48.000
	130 19386	70	11,6	T-25	•	100	1.000	48.000
	140 17350	70	11,6	T-25	•	100	1.000	48.000
	150 18074	70	11,6	T-25	•	100	800	38.400
	160 17476	80	11,6	T-25	•	100	800	38.400
	180 17805	80	11,6	T-25	•	100	400	25.600
	200 17293	80	11,6	T-25	•	100	400	25.600
220 17302	80	11,6	T-25	•	100	400	25.600	
240 17300	80	11,6	T-25	•	100	400	25.600	
260 21745	80	11,6	T-25	•	100	400	19.200	



Type: countersunk head

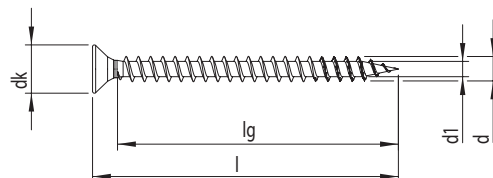
full threaded

Material: steel, hardened

Surface: yellow zinc plated, A2L

Color code
HECO-Label

Recess: T-Drive



Size D x L [mm]	Article No.	Thread length [mm]	Head diameter [mm]	Recess	ETA	Packing unit [pcs.]	Pieces per outer carton [pcs.]	Pieces per pallet [pcs.]
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VARIANTA - BOXES FOR PROFESSIONALS

2,5	12	19709	10	4,9	T-8	1.000	10.000	840.000
	16	19695	14	4,9	T-8	1.000	10.000	840.000

SKV - SMALL BOXES

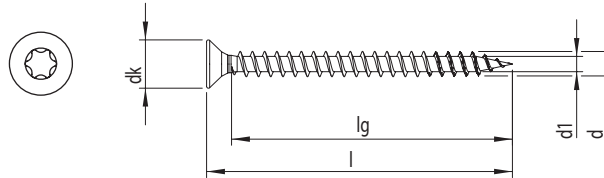
3,0	16	17812	13	5,9	T-10	200	4.800	633.600
	20	18369	17	5,9	T-10	200	4.800	633.600
	25	17861	22	5,9	T-10	200	4.800	633.600
	30	18182	27	5,9	T-10	200	4.800	633.600
	35	20215	31	5,9	T-10	200	4.800	403.200
	40	19450	36	5,9	T-10	200	4.000	288.000
	45	20182	41	5,9	T-10	200	4.000	288.000

VARIANTA - BOXES FOR PROFESSIONALS

3,0	12	17254	9	5,9	T-10	1.000	10.000	840.000
	16	17372	13	5,9	T-10	1.000	10.000	840.000
	20	17571	17	5,9	T-10	1.000	10.000	840.000
	25	17192	22	5,9	T-10	1.000	10.000	840.000
	30	17245	27	5,9	T-10	1.000	10.000	480.000
	35	17183	31	5,9	T-10	1.000	10.000	480.000
	40	17679	36	5,9	T-10	500	5.000	240.000
	45	17767	41	5,9	T-10	500	5.000	240.000

Type:	countersunk head
	full threaded
Material:	steel, hardened
Surface:	yellow zinc plated, A2L
Recess:	T-Drive

Color code
HECO-Label



Size D x L [mm]	Article No.	Thread length [mm]	Head diameter [mm]	Recess	ETA	Packing unit [pcs.]	Pieces per outer carton [pcs.]	Pieces per pallet [pcs.]
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SKV - SMALL BOXES

3,5	16	17657	13	6,9	T-15		200	4.800	633.600
	20	17581	16	6,9	T-15	•	200	4.800	633.600
	25	17124	21	6,9	T-15	•	200	4.800	403.200
	30	17201	26	6,9	T-15	•	200	4.800	403.200
	35	18990	31	6,9	T-15	•	200	4.000	288.000
	40	17674	36	6,9	T-15	•	200	4.000	288.000
	45	20730	41	6,9	T-15	•	200	4.000	288.000
	50	20531	46	6,9	T-15	•	200	4.000	192.000

VARIANTA - BOXES FOR PROFESSIONALS

3,5	12	17825	9	6,9	T-15		1.000	10.000	840.000
	16	17656	13	6,9	T-15		1.000	10.000	840.000
	20	17219	16	6,9	T-15	•	1.000	10.000	840.000
	25	17126	21	6,9	T-15	•	1.000	10.000	480.000
	30	17168	26	6,9	T-15	•	1.000	10.000	480.000
	35	17086	31	6,9	T-15	•	1.000	10.000	480.000
	40	16975	36	6,9	T-15	•	500	5.000	240.000
	45	17034	41	6,9	T-15	•	500	5.000	240.000
50	17905	46	6,9	T-15	•	500	5.000	240.000	

SKV - SMALL BOXES

4,0	16	19037	12	7,9	T-15		200	4.800	633.600
	20	17946	15	7,9	T-15		200	4.800	633.600
	25	18395	20	7,9	T-15	•	200	4.800	403.200
	30	17362	25	7,9	T-15	•	200	4.800	403.200
	35	18403	30	7,9	T-15	•	200	4.000	288.000
	40	17769	35	7,9	T-15	•	200	4.000	288.000
	45	18819	40	7,9	T-15	•	200	4.000	192.000
	50	17618	45	7,9	T-15	•	200	4.000	192.000



Type: countersunk head

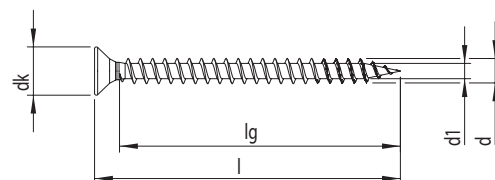
full threaded

Material: steel, hardened

Surface: yellow zinc plated, A2L

Color code
HECO-Label

Recess: T-Drive



Size D x L [mm]	Article No.	Thread length [mm]	Head diameter [mm]	Recess	ETA	Packing unit [pcs.]	Pieces per outer carton [pcs.]	Pieces per pallet [pcs.]
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VARIANTA - BOXES FOR PROFESSIONALS

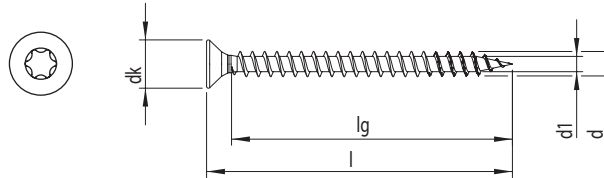
4,0	16	17668	12	7,9	T-15		1.000	10.000	840.000
	20	17591	15	7,9	T-15		1.000	10.000	480.000
	25	16952	20	7,9	T-15	•	1.000	10.000	480.000
	30	16967	25	7,9	T-15	•	1.000	10.000	480.000
	35	44099	30	7,9	T-15	•	500	5.000	240.000
	40	17533	35	7,9	T-15	•	500	5.000	240.000
	45	16971	40	7,9	T-15	•	500	5.000	240.000
	50	17188	45	7,9	T-15	•	500	5.000	240.000
	55	17121	50	7,9	T-15	•	200	2.000	96.000
	60	17305	54	7,9	T-15	•	200	2.000	96.000
	70	17460	60	7,9	T-15	•	200	2.000	96.000

SKV - SMALL BOXES

4,5	20	19435	15	8,9	T-25		200	4.800	576.000
	25	19461	20	8,9	T-25	•	200	4.800	403.200
	30	19657	25	8,9	T-25	•	200	4.000	288.000
	35	19688	30	8,9	T-25	•	200	4.000	288.000
	40	17541	35	8,9	T-25	•	200	4.000	192.000
	45	19307	40	8,9	T-25	•	200	4.000	192.000

Type:	countersunk head
	full threaded
Material:	steel, hardened
Surface:	yellow zinc plated, A2L
Recess:	T-Drive

Color code
HECO-Label



Size D x L [mm]	Article No.	Thread length [mm]	Head diameter [mm]	Recess	ETA	Packing unit [pcs.]	Pieces per outer carton [pcs.]	Pieces per pallet [pcs.]
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VARIANTA - BOXES FOR PROFESSIONALS

4,5	20	17774	15	8,9	T-25		1.000	10.000	480.000
	25	44649	20	8,9	T-25	•	500	5.000	240.000
	30	17229	25	8,9	T-25	•	500	5.000	240.000
	35	17220	30	8,9	T-25	•	500	5.000	240.000
	40	17133	35	8,9	T-25	•	500	5.000	240.000
	45	17189	40	8,9	T-25	•	500	5.000	240.000
	50	17001	45	8,9	T-25	•	200	2.000	96.000
	55	17136	50	8,9	T-25	•	200	2.000	96.000
	60	17243	54	8,9	T-25	•	200	2.000	96.000
	70	17622	60	8,9	T-25	•	200	2.000	96.000

SKV - SMALL BOXES

5,0	30	20242	24	9,6	T-25	•	200	4.000	288.000
	35	19024	29	9,6	T-25	•	200	4.000	288.000
	40	19005	34	9,6	T-25	•	200	4.000	192.000



Type: countersunk head

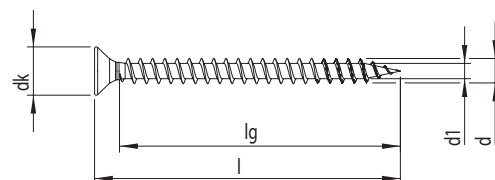
full threaded

Material: steel, hardened

Surface: yellow zinc plated, A2L

Color code
HECO-Label

Recess: T-Drive



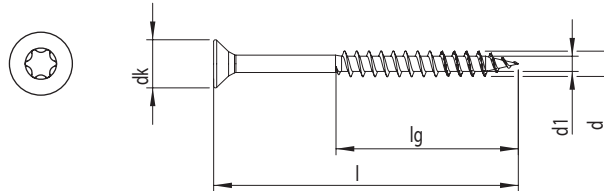
Size D x L [mm]	Article No.	Thread length [mm]	Head diameter [mm]	Recess	ETA	Packing unit [pcs.]	Pieces per outer carton [pcs.]	Pieces per pallet [pcs.]
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VARIANTA - BOXES FOR PROFESSIONALS

5,0	20	44644	15	9,6	T-25		500	5.000	240.000
	25	44581	20	9,6	T-25	•	500	5.000	240.000
	30	18005	24	9,6	T-25	•	500	5.000	240.000
	35	17091	29	9,6	T-25	•	500	5.000	240.000
	40	17002	34	9,6	T-25	•	500	5.000	240.000
	45	17677	39	9,6	T-25	•	200	2.000	96.000
	50	17030	44	9,6	T-25	•	200	2.000	96.000
	60	17044	54	9,6	T-25	•	200	2.000	96.000
	70	17185	60	9,6	T-25	•	200	2.000	96.000
	6,0	30	18294	24	11,6	T-25	•	200	2.000
40		17051	33	11,6	T-25	•	200	2.000	96.000
45		17059	38	11,6	T-25	•	200	2.000	96.000
50		17114	43	11,6	T-25	•	200	2.000	96.000
60		16962	53	11,6	T-25	•	200	2.000	96.000
70		17301	60	11,6	T-25	•	200	2.000	96.000

Type:	countersunk head
	part threaded
Material:	steel, hardened
Surface:	yellow zinc plated, A2L
Recess:	T-Drive

Color code
HECO-Label



Size D x L [mm]	Article No.	Thread length [mm]	Head diameter [mm]	Recess	ETA	Packing unit [pcs.]	Pieces per outer carton [pcs.]	Pieces per pallet [pcs.]
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VARIANTA - BOXES FOR PROFESSIONALS

3,0	30	19468	18	5,9	T-10	1.000	10.000	480.000
	35	18282	18	5,9	T-10	1.000	10.000	480.000
	40	19460	23	5,9	T-10	500	5.000	240.000
	45	18512	28	5,9	T-10	500	5.000	240.000
3,5	20	18718	12	6,9	T-15	1.000	10.000	840.000
	25	18323	18	6,9	T-15	•	1.000	10.000
	30	17474	18	6,9	T-15	•	1.000	10.000
	35	17538	21	6,9	T-15	•	1.000	10.000
	40	17199	23	6,9	T-15	•	500	5.000
	45	17885	28	6,9	T-15	•	500	5.000
	50	17783	31	6,9	T-15	•	500	5.000
4,0	25	18079	15	7,9	T-15	1.000	10.000	480.000
	30	17174	18	7,9	T-15	•	1.000	10.000
	35	44073	20	7,9	T-15	•	500	5.000
	40	17088	25	7,9	T-15	•	500	5.000
	45	17800	28	7,9	T-15	•	500	5.000
	50	17489	30	7,9	T-15	•	500	5.000
	55	17303	33	7,9	T-15	•	200	2.000
	60	17227	37	7,9	T-15	•	200	2.000
	70	17477	42	7,9	T-15	•	200	2.000
4,5	30	17417	18	8,9	T-25	500	5.000	240.000
	35	18163	23	8,9	T-25	•	500	5.000
	40	18025	25	8,9	T-25	•	500	5.000
	45	17642	27	8,9	T-25	•	500	5.000
	50	17127	30	8,9	T-25	•	200	2.000
	55	17399	32	8,9	T-25	•	200	2.000
	60	17348	37	8,9	T-25	•	200	2.000
	70	17145	42	8,9	T-25	•	200	2.000
	80	17332	48	8,9	T-25	•	200	2.000



Type: countersunk head

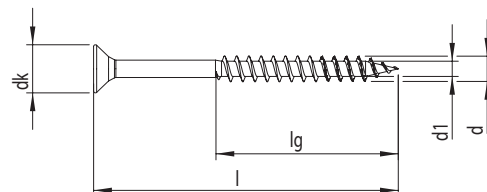
part threaded

Material: steel, hardened

Surface: yellow zinc plated, A2L

Color code
HECO-Label

Recess: T-Drive



Size D x L [mm]	Article No.	Thread length [mm]	Head diameter [mm]	Recess	ETA	Packing unit [pcs.]	Pieces per outer carton [pcs.]	Pieces per pallet [pcs.]
5,0	30 17314	18	9,6	T-25		500	5.000	240.000
	35 17757	23	9,6	T-25	•	500	5.000	240.000
	40 17418	24	9,6	T-25	•	500	5.000	240.000
	45 17365	27	9,6	T-25	•	200	2.000	96.000
	50 17557	29	9,6	T-25	•	200	2.000	96.000
	55 18571	32	9,6	T-25	•	200	2.000	96.000
	60 17103	37	9,6	T-25	•	200	2.000	96.000
	70 17118	42	9,6	T-25	•	200	2.000	96.000
	80 17206	48	9,6	T-25	•	200	2.000	96.000
	90 16940	54	9,6	T-25	•	200	2.000	96.000
	100 48835	60	9,6	T-25	•	100	1.000	48.000
	120 18292	70	9,6	T-25	•	100	1.000	48.000
6,0	50 18145	28	11,6	T-25	•	200	2.000	96.000
	60 17153	37	11,6	T-25	•	200	2.000	96.000
	70 17450	43	11,6	T-25	•	200	2.000	96.000
	80 44056	45	11,6	T-25	•	100	1.000	48.000
	90 17502	53	11,6	T-25	•	100	1.000	48.000
	100 17172	60	11,6	T-25	•	100	1.000	48.000
	110 17268	70	11,6	T-25	•	100	1.000	48.000
	120 17190	70	11,6	T-25	•	100	1.000	48.000
	130 16973	70	11,6	T-25	•	100	1.000	48.000
	140 17279	70	11,6	T-25	•	100	1.000	48.000
	150 17290	70	11,6	T-25	•	100	800	38.400
	160 17306	80	11,6	T-25	•	100	800	38.400
	180 17278	80	11,6	T-25	•	100	400	25.600
	200 17252	80	11,6	T-25	•	100	400	25.600
	220 17211	80	11,6	T-25	•	100	400	25.600
240 17210	80	11,6	T-25	•	100	400	25.600	
260 17317	80	11,6	T-25	•	100	400	19.200	

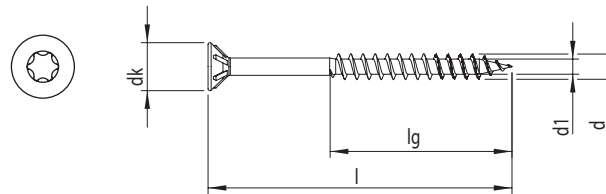
Type: countersunk head with milling ribs
part threaded

Material: steel, hardened

Surface: yellow zinc plated, A2L

Color code
HECO-Label

Recess: T-Drive



Size D x L [mm]	Article No.	Thread length [mm]	Head diameter [mm]	Recess	ETA	Packing unit [pcs.]	Pieces per outer carton [pcs.]	Pieces per pallet [pcs.]
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VARIANTA - BOXES FOR PROFESSIONALS

3,5	35	23711	21	6,9	T-15	•	1.000	10.000	480.000
	40	23693	23	6,9	T-15	•	500	5.000	240.000
4,0	30	23692	18	7,9	T-15	•	1.000	10.000	480.000
	35	44103	20	7,9	T-15	•	500	5.000	240.000
	40	23699	25	7,9	T-15	•	500	5.000	240.000
	45	23694	28	7,9	T-15	•	500	5.000	240.000
	50	23708	30	7,9	T-15	•	500	5.000	240.000
	60	23727	37	7,9	T-15	•	200	2.000	96.000
	70	23728	42	7,9	T-15	•	200	2.000	96.000
4,5	40	23706	25	8,9	T-25	•	500	5.000	240.000
	45	23730	27	8,9	T-25	•	500	5.000	240.000
	50	23731	30	8,9	T-25	•	200	2.000	96.000
	60	23732	37	8,9	T-25	•	200	2.000	96.000
	70	23733	42	8,9	T-25	•	200	2.000	96.000
	80	23734	48	8,9	T-25	•	200	2.000	96.000
5,0	40	23698	24	9,6	T-25	•	500	5.000	240.000
	50	23701	29	9,6	T-25	•	200	2.000	96.000
	60	23716	37	9,6	T-25	•	200	2.000	96.000
	70	23713	42	9,6	T-25	•	200	2.000	96.000
	80	23720	48	9,6	T-25	•	200	2.000	96.000
	90	23686	54	9,6	T-25	•	200	2.000	96.000
	100	48836	60	9,6	T-25	•	100	1.000	48.000
6,0	120	36241	70	9,6	T-25	•	100	1.000	48.000
	60	21090	37	11,6	T-25	•	200	2.000	96.000
	80	44118	45	11,6	T-25	•	100	1.000	48.000
	100	23682	60	11,6	T-25	•	100	1.000	48.000
	120	23685	70	11,6	T-25	•	100	1.000	48.000
	140	23737	70	11,6	T-25	•	100	1.000	48.000
	160	23738	80	11,6	T-25	•	100	800	38.400



Type: pan head

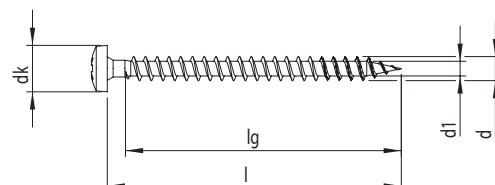
full threaded

Material: steel, hardened

Surface: bright zinc plated, A2K

Color code
HECO-Label

Recess: PZD



Size D x L [mm]	Article No.	Thread length [mm]	Head diameter [mm]	Recess	ETA	Packing unit [pcs.]	Pieces per outer carton [pcs.]	Pieces per pallet [pcs.]
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VARIANTA - BOXES FOR PROFESSIONALS

2,5	10	23795	9	4,9	PZD-1	1.000	10.000	840.000
	12	23368	11	4,9	PZD-1	1.000	10.000	840.000
	15	40787	14	4,9	PZD-1	1.000	10.000	840.000
	16	23020	15	4,9	PZD-1	1.000	10.000	840.000

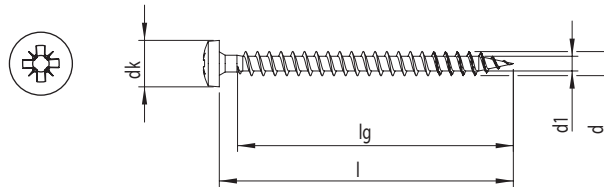
SKV - SMALL BOXES

3,0	10	04915	9	5,9	PZD-1	200	4.800	633.600
	12	15143	11	5,9	PZD-1	200	4.800	633.600
	15	05154	14	5,9	PZD-1	200	4.800	633.600
	16	05250	15	5,9	PZD-1	200	4.800	633.600
	20	05440	18	5,9	PZD-1	200	4.800	633.600
	25	05587	23	5,9	PZD-1	200	4.800	403.200
	30	05724	28	5,9	PZD-1	200	4.000	288.000

VARIANTA - BOXES FOR PROFESSIONALS

3,0	10	04917	9	5,9	PZD-1	1.000	10.000	840.000
	12	04980	11	5,9	PZD-1	1.000	10.000	840.000
	15	05156	14	5,9	PZD-1	1.000	10.000	840.000
	16	05252	15	5,9	PZD-1	1.000	10.000	840.000
	20	05443	18	5,9	PZD-1	1.000	10.000	840.000
	25	05590	23	5,9	PZD-1	1.000	10.000	480.000
	30	05726	28	5,9	PZD-1	1.000	10.000	480.000

Type:	pan head	
	full threaded	
Material:	steel, hardened	
Surface:	bright zinc plated, A2K	Color code HECO-Label
Recess:	PZD	



Size D x L [mm]	Article No.	Thread length [mm]	Head diameter [mm]	Recess	ETA	Packing unit [pcs.]	Pieces per outer carton [pcs.]	Pieces per pallet [pcs.]
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SKV - SMALL BOXES

3,5	12	05914	10	6,9	PZD-2	200	4.800	633.600	
	15	06020	13	6,9	PZD-2	200	4.800	633.600	
	16	06110	14	6,9	PZD-2	200	4.800	633.600	
	20	06275	18	6,9	PZD-2	•	200	4.800	403.200
	25	06393	23	6,9	PZD-2	•	200	4.000	288.000
	30	06515	28	6,9	PZD-2	•	200	4.000	288.000
	35	06626	33	6,9	PZD-2	•	200	4.000	288.000
	40	06727	38	6,9	PZD-2	•	200	4.000	288.000

VARIANTA - BOXES FOR PROFESSIONALS

3,5	12	05916	10	6,9	PZD-2	1.000	10.000	840.000	
	15	06023	13	6,9	PZD-2	1.000	10.000	840.000	
	16	06111	14	6,9	PZD-2	1.000	10.000	840.000	
	20	06278	18	6,9	PZD-2	•	1.000	10.000	480.000
	25	06396	23	6,9	PZD-2	•	1.000	10.000	480.000
	30	06517	28	6,9	PZD-2	•	1.000	10.000	480.000
	35	06628	33	6,9	PZD-2	•	1.000	10.000	480.000
	40	06729	38	6,9	PZD-2	•	500	5.000	240.000



Type: pan head

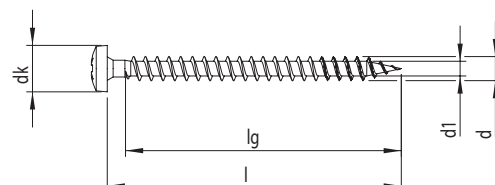
full threaded

Material: steel, hardened

Surface: bright zinc plated, A2K

Color code
HECO-Label

Recess: PZD



Size D x L [mm]	Article No.	Thread length [mm]	Head diameter [mm]	Recess	ETA	Packing unit [pcs.]	Pieces per outer carton [pcs.]	Pieces per pallet [pcs.]
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SKV - SMALL BOXES

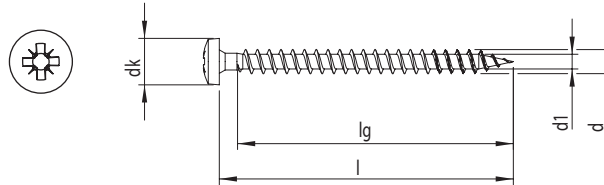
4,0	12	16796	10	7,9	PZD-2	200	4.800	633.600
	15	06939	13	7,9	PZD-2	200	4.800	633.600
	16	07023	14	7,9	PZD-2	200	4.800	633.600
	20	07144	18	7,9	PZD-2	•	200	403.200
	25	07268	23	7,9	PZD-2	•	200	288.000
	30	07414	28	7,9	PZD-2	•	200	288.000
	35	07551	33	7,9	PZD-2	•	200	288.000
	40	07664	38	7,9	PZD-2	•	200	288.000
	45	07782	42	7,9	PZD-2	•	200	192.000
	50	07878	47	7,9	PZD-2	•	200	192.000

VARIANTA - BOXES FOR PROFESSIONALS

4,0	12	06830	10	7,9	PZD-2	1.000	10.000	720.000	
	15	06942	13	7,9	PZD-2	1.000	10.000	480.000	
	16	07025	14	7,9	PZD-2	1.000	10.000	480.000	
	20	07146	18	7,9	PZD-2	•	1.000	480.000	
	25	07270	23	7,9	PZD-2	•	1.000	480.000	
	30	48817	28	7,9	PZD-2	•	500	240.000	
	35	07553	33	7,9	PZD-2	•	500	240.000	
	40	07667	38	7,9	PZD-2	•	500	240.000	
	45	07784	42	7,9	PZD-2	•	500	240.000	
	50	07880	47	7,9	PZD-2	•	500	240.000	
	60	07983	54	7,9	PZD-2	•	200	2.000	96.000

Type:	pan head
	full threaded
Material:	steel, hardened
Surface:	bright zinc plated, A2K
Recess:	PZD

Color code
HECO-Label



Size D x L [mm]	Article No.	Thread length [mm]	Head diameter [mm]	Recess	ETA	Packing unit [pcs.]	Pieces per outer carton [pcs.]	Pieces per pallet [pcs.]
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SKV - SMALL BOXES

4,5	15	08084	13	8,9	PZD-2	200	4.800	403.200	
	16	08121	14	8,9	PZD-2	200	4.800	403.200	
	20	08202	18	8,9	PZD-2	200	4.800	403.200	
	25	08276	23	8,9	PZD-2	•	200	4.000	288.000
	30	08369	27	8,9	PZD-2	•	200	4.000	288.000
	35	08460	32	8,9	PZD-2	•	200	4.000	192.000
	40	08556	37	8,9	PZD-2	•	200	4.000	192.000
	45	08660	42	8,9	PZD-2	•	200	4.000	192.000

VARIANTA - BOXES FOR PROFESSIONALS

4,5	15	44595	13	8,9	PZD-2	500	5.000	240.000	
	16	44597	14	8,9	PZD-2	500	5.000	240.000	
	20	44602	18	8,9	PZD-2	500	5.000	240.000	
	25	44606	23	8,9	PZD-2	•	500	5.000	240.000
	30	08371	27	8,9	PZD-2	•	500	5.000	240.000
	35	08462	32	8,9	PZD-2	•	500	5.000	240.000
	40	08558	37	8,9	PZD-2	•	500	5.000	240.000
	45	08662	42	8,9	PZD-2	•	500	5.000	240.000
	50	08742	47	8,9	PZD-2	•	200	2.000	96.000
	60	08835	54	8,9	PZD-2	•	200	2.000	96.000

SKV - SMALL BOXES

5,0	16	15170	13	9,6	PZD-2	200	4.000	288.000	
	20	09026	18	9,6	PZD-2	200	4.000	288.000	
	25	09082	23	9,6	PZD-2	•	200	4.000	288.000
	30	09154	27	9,6	PZD-2	•	200	4.000	288.000
	35	09225	32	9,6	PZD-2	•	200	4.000	192.000
	40	09302	37	9,6	PZD-2	•	200	4.000	192.000



Type: pan head

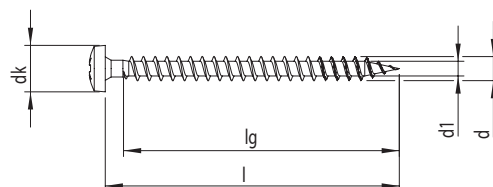
full threaded

Material: steel, hardened

Surface: bright zinc plated, A2K

Color code
HECO-Label

Recess: PZD



Size D x L [mm]	Article No.	Thread length [mm]	Head diameter [mm]	Recess	ETA	Packing unit [pcs.]	Pieces per outer carton [pcs.]	Pieces per pallet [pcs.]
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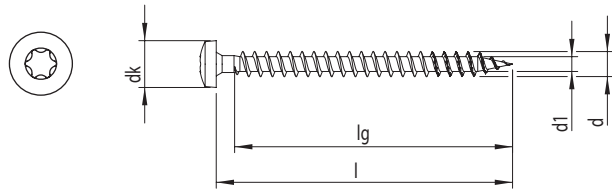
VARIANTA - BOXES FOR PROFESSIONALS

5,0	16	44574	13	9,6	PZD-2		500	5.000	240.000
	20	09029	18	9,6	PZD-2		500	5.000	240.000
	25	09085	23	9,6	PZD-2	•	500	5.000	240.000
	30	09156	27	9,6	PZD-2	•	500	5.000	240.000
	35	09227	32	9,6	PZD-2	•	500	5.000	240.000
	40	48826	37	9,6	PZD-2	•	200	2.000	96.000
	45	09378	42	9,6	PZD-2	•	200	2.000	96.000
	50	09447	47	9,6	PZD-2	•	200	2.000	96.000
	55	09515	52	9,6	PZD-2	•	200	2.000	96.000
	60	09576	54	9,6	PZD-2	•	200	2.000	96.000
	70	09660	60	9,6	PZD-2	•	200	2.000	96.000
	80	09731	60	9,6	PZD-2	•	200	2.000	96.000
6,0	30	09861	27	11,6	PZD-3	•	200	2.000	96.000
	35	09882	32	11,6	PZD-3	•	200	2.000	96.000
	40	09915	37	11,6	PZD-3	•	200	2.000	96.000
	45	09962	42	11,6	PZD-3	•	200	2.000	96.000
	50	10003	46	11,6	PZD-3	•	200	2.000	96.000
	55	10044	51	11,6	PZD-3	•	200	2.000	96.000
	60	10072	54	11,6	PZD-3	•	200	2.000	96.000
	70	10120	60	11,6	PZD-3	•	200	2.000	96.000
	80	43901	60	11,6	PZD-3	•	100	1.000	48.000
	100	21963*	60	11,6	PZD-3	•	100	1.000	48.000

* Differing version with part thread

Type:	pan head
	full threaded
Material:	steel, hardened
Surface:	bright zinc plated, A2K
Recess:	T-Drive

Color code
HECO-Label



Size D x L [mm]	Article No.	Thread length [mm]	Head diameter [mm]	Recess	ETA	Packing unit [pcs.]	Pieces per outer carton [pcs.]	Pieces per pallet [pcs.]
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VARIANTA - BOXES FOR PROFESSIONALS

3,0	12	19793	11	5,9	T-10	1.000	10.000	840.000	
	16	20549	15	5,9	T-10	1.000	10.000	840.000	
	20	20835	18	5,9	T-10	1.000	10.000	840.000	
	25	20659	23	5,9	T-10	1.000	10.000	480.000	
	30	18509	28	5,9	T-10	1.000	10.000	480.000	
3,5	12	21765	10	6,9	T-15	1.000	10.000	480.000	
	16	19299	14	6,9	T-15	1.000	10.000	840.000	
	20	19343	18	6,9	T-15	•	1.000	480.000	
	25	20735	23	6,9	T-15	•	1.000	480.000	
	30	20220	28	6,9	T-15	•	1.000	480.000	
	35	22037	33	6,9	T-15	•	1.000	480.000	
4,0	12	20761	10	7,9	T-15	1.000	10.000	480.000	
	16	20561	14	7,9	T-15	1.000	10.000	480.000	
	20	18855	18	7,9	T-15	•	1.000	480.000	
	25	19372	23	7,9	T-15	•	1.000	480.000	
	30	48821	28	7,9	T-15	•	500	5.000	240.000
	35	21445	33	7,9	T-15	•	500	5.000	240.000
	40	18945	38	7,9	T-15	•	500	5.000	240.000
	45	21564	42	7,9	T-15	•	500	5.000	240.000
	50	20731	47	7,9	T-15	•	500	5.000	240.000
4,5	16	44599	14	8,9	T-25	500	5.000	240.000	
	20	44604	18	8,9	T-25	500	5.000	240.000	
	25	44608	22	8,9	T-25	•	500	5.000	240.000
	30	20732	27	8,9	T-25	•	500	5.000	240.000
	35	19377	32	8,9	T-25	•	500	5.000	240.000
	40	19395	37	8,9	T-25	•	500	5.000	240.000
	45	19363	42	8,9	T-25	•	500	5.000	240.000
	50	21775	47	8,9	T-25	•	200	2.000	96.000



Type: pan head

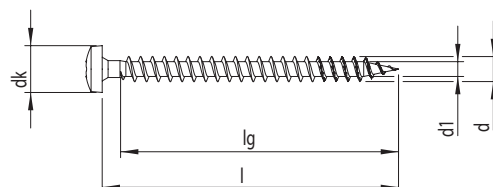
full threaded

Material: steel, hardened

Surface: bright zinc plated, A2K

Color code
HECO-Label

Recess: T-Drive



Size D x L [mm]	Article No.	Thread length [mm]	Head diameter [mm]	Recess	ETA	Packing unit [pcs.]	Pieces per outer carton [pcs.]	Pieces per pallet [pcs.]
5,0	16 44576	11	9,6	T-25		500	5.000	240.000
	20 17994	18	9,6	T-25		500	5.000	240.000
	25 20548	23	9,6	T-25	•	500	5.000	240.000
	30 19144	27	9,6	T-25	•	500	5.000	240.000
	35 19370	32	9,6	T-25	•	500	5.000	240.000
	40 48830	37	9,6	T-25	•	200	2.000	96.000
	45 18457	42	9,6	T-25	•	200	2.000	96.000
	50 20091	47	9,6	T-25	•	200	2.000	96.000
60 18045	54	9,6	T-25	•	200	2.000	96.000	
6,0	40 19367	37	11,6	T-25	•	200	2.000	96.000
	45 22818	42	11,6	T-25	•	200	2.000	96.000
	50 20562	46	11,6	T-25	•	200	2.000	96.000
	60 20763	54	11,6	T-25	•	200	2.000	96.000
	80 44035	60	11,6	T-25	•	100	1.000	48.000
100 23561*	60	11,6	T-25	•	100	1.000	48.000	

* Differing version with part thread

Type: raised countersunk head

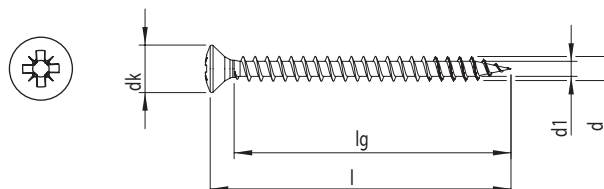
full threaded

Material: steel, hardened

Surface: bright zinc plated, A2K

Color code
HECO-Label

Recess: PZD



Size D x L [mm]	Article No.	Thread length [mm]	Head diameter [mm]	Recess	ETA	Packing unit [pcs.]	Pieces per outer carton [pcs.]	Pieces per pallet [pcs.]
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VARIANTA - BOXES FOR PROFESSIONALS

3,0	12	04972	9	5,9	PZD-1	1.000	10.000	840.000
	16	05241	13	5,9	PZD-1	1.000	10.000	840.000
	20	05416	17	5,9	PZD-1	1.000	10.000	840.000
	25	05560	22	5,9	PZD-1	1.000	10.000	480.000
	30	05694	27	5,9	PZD-1	1.000	10.000	480.000
3,5	16	06101	13	6,9	PZD-2	•	1.000	840.000
	20	06247	16	6,9	PZD-2	•	1.000	840.000
	25	06371	21	6,9	PZD-2	•	1.000	480.000
	30	06493	26	6,9	PZD-2	•	1.000	480.000
	35	06604	31	6,9	PZD-2	•	1.000	480.000
4,0	40	06707	36	6,9	PZD-2	•	500	240.000
	16	07014	12	7,9	PZD-2	•	1.000	720.000
	20	07129	15	7,9	PZD-2	•	1.000	480.000
	25	07243	20	7,9	PZD-2	•	1.000	480.000
	30	48815	25	7,9	PZD-2	•	500	240.000
	35	07528	30	7,9	PZD-2	•	500	240.000
	40	07642	35	7,9	PZD-2	•	500	240.000
	45	07765	40	7,9	PZD-2	•	500	240.000
4,5	50	07859	45	7,9	PZD-2	•	500	240.000
	20	08188	15	8,9	PZD-2	•	1.000	480.000
	25	08261	20	8,9	PZD-2	•	1.000	480.000
	30	08354	25	8,9	PZD-2	•	500	240.000
	35	08444	30	8,9	PZD-2	•	500	240.000
	40	08539	35	8,9	PZD-2	•	500	240.000
	45	08643	40	8,9	PZD-2	•	500	240.000
	50	08728	45	8,9	PZD-2	•	200	96.000
	60	08831	54	8,9	PZD-2	•	200	96.000



Type: raised countersunk head

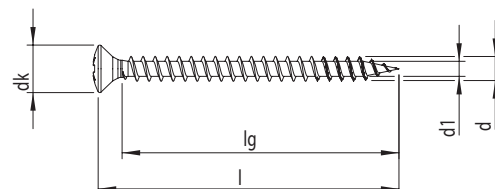
full threaded

Material: steel, hardened

Surface: bright zinc plated, A2K

Color code
HECO-Label

Recess: PZD



Size D x L [mm]	Article No.	Thread length [mm]	Head diameter [mm]	Recess	ETA	Packing unit [pcs.]	Pieces per outer carton [pcs.]	Pieces per pallet [pcs.]
5,0	25 09069	20	9,6	PZD-2	•	500	5.000	240.000
	30 09141	24	9,6	PZD-2	•	500	5.000	240.000
	35 09214	29	9,6	PZD-2	•	500	5.000	240.000
	40 48823	34	9,6	PZD-2	•	200	2.000	96.000
	45 09366	39	9,6	PZD-2	•	200	2.000	96.000
	50 09425	44	9,6	PZD-2	•	200	2.000	96.000

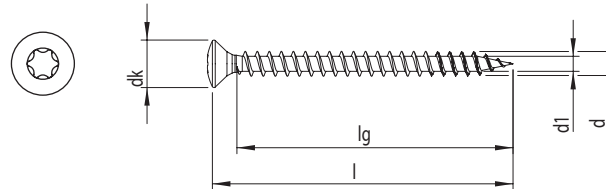
Type: raised countersunk head
full threaded

Material: steel, hardened

Surface: bright zinc plated, A2K

Color code
HECO-Label

Recess: T-Drive



Size D x L [mm]	Article No.	Thread length [mm]	Head diameter [mm]	Recess	ETA	Packing unit [pcs.]	Pieces per outer carton [pcs.]	Pieces per pallet [pcs.]
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VARIANTA - BOXES FOR PROFESSIONALS

3,0	12	22919	9	5,9	T-10		1.000	10.000	840.000
	16	22039	13	5,9	T-10		1.000	10.000	840.000
	20	22040	17	5,9	T-10		1.000	10.000	840.000
	25	22921	22	5,9	T-10		1.000	10.000	840.000
	30	22920	27	5,9	T-10		1.000	10.000	480.000
3,5	16	20255	13	6,9	T-15		1.000	10.000	840.000
	20	18952	16	6,9	T-15	•	1.000	10.000	840.000
	25	21632	21	6,9	T-15	•	1.000	10.000	480.000
	30	21278	26	6,9	T-15	•	1.000	10.000	480.000
	35	22041	31	6,9	T-15	•	1.000	10.000	480.000
4,0	40	22330	36	6,9	T-15	•	500	5.000	240.000
	16	20260	12	7,9	T-15		1.000	10.000	480.000
	20	22043	15	7,9	T-15		1.000	10.000	480.000
	25	22044	20	7,9	T-15	•	1.000	10.000	480.000
	30	48819	25	7,9	T-15	•	500	5.000	240.000
	35	21910	30	7,9	T-15	•	500	5.000	240.000
	40	22046	35	7,9	T-15	•	500	5.000	240.000
	45	22495	40	7,9	T-15	•	500	5.000	240.000
4,5	50	47759	45	7,9	T-15	•	500	5.000	240.000
	20	22047	15	8,9	T-25		1.000	10.000	480.000
	25	22048	20	8,9	T-25	•	1.000	10.000	480.000
	30	22049	25	8,9	T-25	•	500	5.000	240.000
	35	22050	30	8,9	T-25	•	500	5.000	240.000
	40	22051	35	8,9	T-25	•	500	5.000	240.000
	45	22917	40	8,9	T-25	•	500	5.000	240.000
	50	21510	45	8,9	T-25	•	200	2.000	96.000
60	47761	55	8,9	T-25	•	200	2.000	96.000	



Type: raised countersunk head

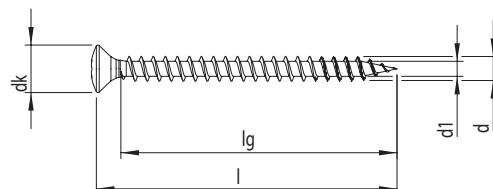
full threaded

Material: steel, hardened

Surface: bright zinc plated, A2K

Color code
HECO-Label

Recess: T-Drive



Size D x L [mm]	Article No.	Thread length [mm]	Head diameter [mm]	Recess	ETA	Packing unit [pcs.]	Pieces per outer carton [pcs.]	Pieces per pallet [pcs.]	
5,0	20	22923	15	9,6	T-25	500	5.000	240.000	
	25	21815	20	9,6	T-25	•	500	5.000	240.000
	30	22924	24	9,6	T-25	•	500	5.000	240.000
	35	22925	29	9,6	T-25	•	500	5.000	240.000
	40	48828	34	9,6	T-25	•	200	2.000	96.000
	45	19409	39	9,6	T-25	•	200	2.000	96.000
50	22927	44	9,6	T-25	•	200	2.000	96.000	

Type: back wall screw, flange head

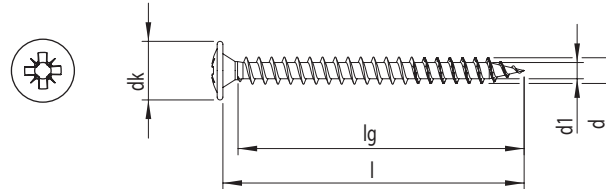
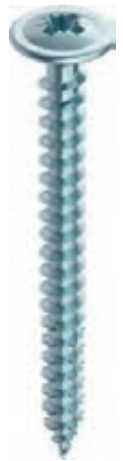
full threaded

Material: steel, hardened

Surface: bright zinc plated, A2K

Color code
HECO-Label

Recess: PZD



Size D x L [mm]	Article No.	Thread length [mm]	Head diameter [mm]	Recess	ETA	Packing unit [pcs.]	Pieces per outer carton [pcs.]	Pieces per pallet [pcs.]
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VARIANTA - BOXES FOR PROFESSIONALS

3,0	20	23038	18	8,0	PZD-2	1.000	10.000	480.000
	25	23047	23	8,0	PZD-2	1.000	10.000	480.000
	30	23088	28	8,0	PZD-2	1.000	10.000	480.000
	35	48807	31	8,0	PZD-2	500	5.000	240.000
3,5	20	23366	18	8,2	PZD-2	1.000	10.000	480.000
	25	23175	23	8,2	PZD-2	1.000	10.000	480.000
	30	48808	28	8,2	PZD-2	500	5.000	240.000
	35	48810	33	8,2	PZD-2	500	5.000	240.000
4,0	25	48811	23	9,2	PZD-2	500	5.000	240.000
	30	48812	28	9,2	PZD-2	500	5.000	240.000
	35	23566	33	9,2	PZD-2	500	5.000	240.000
	40	23364	38	9,2	PZD-2	500	5.000	240.000
4,5	25	33767	23	10,3	PZD-2	1.000	10.000	360.000
	30	23046	27	10,3	PZD-2	500	5.000	240.000
	35	23173	32	10,3	PZD-2	500	5.000	240.000
	40	48813	37	10,3	PZD-2	200	2.000	96.000
	45	48814	42	10,3	PZD-2	200	2.000	96.000
5,0	50	35766	47	10,3	PZD-2	200	2.000	96.000
	60	23165	54	11,8	PZD-2	200	2.000	96.000



HECO-FIX-plus® stainless steel

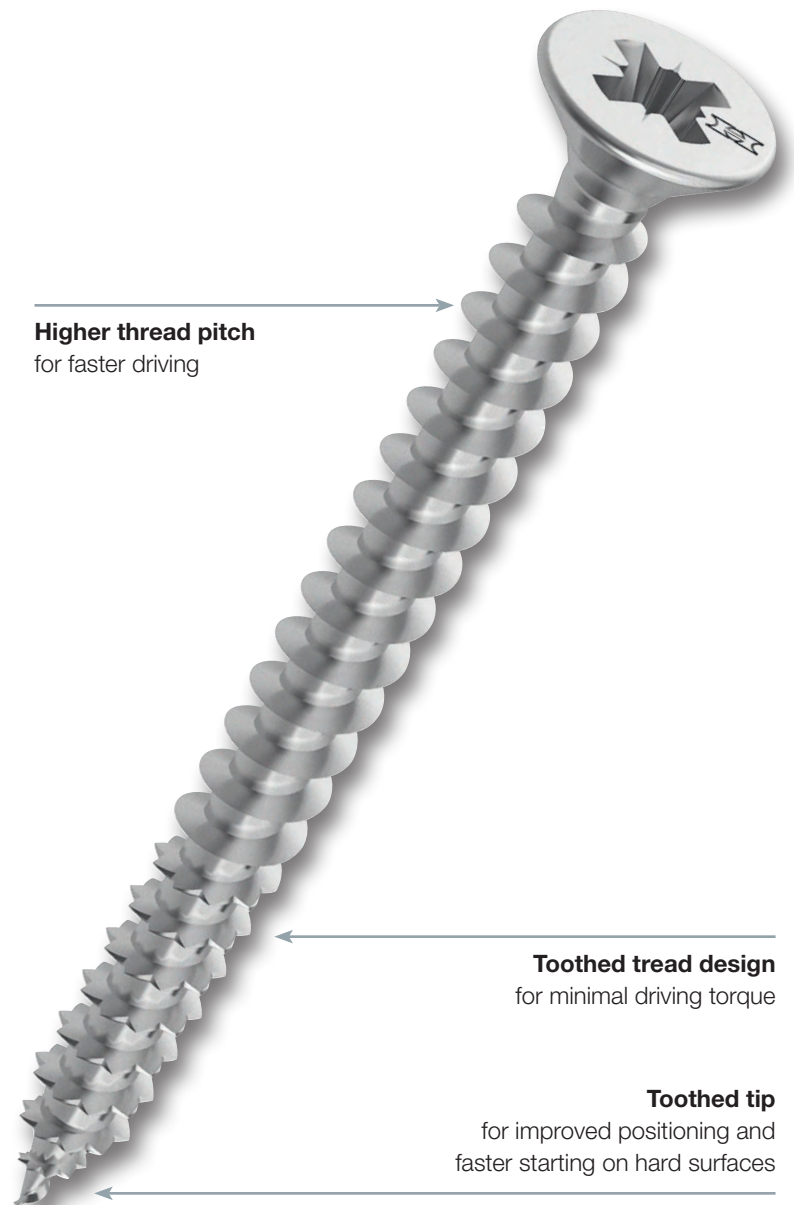


PRODUCT INFORMATION

- Stainless steel A2 1.4567
- Corrosion resistance class II
- Used for applications of the utility class 3, outdoor (Eurocode 5)
- One screw for almost every application
- Perfect for all natural and industrial wood materials, plastic, masonry and thin sheet metal
- Can be used in combination with nylon plugs
- Very low driving torques due to the innovative combination of lubrication and serrated thread design
- Professional packing system for all requirements
- Approved and monitored product



The proven multi-material screw



Higher thread pitch
for faster driving

Toothed tread design
for minimal driving torque

Toothed tip
for improved positioning and
faster starting on hard surfaces



Type: countersunk head

full threaded

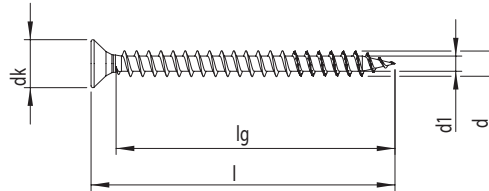
Material: stainless steel A2 1.4567



Surface: self-colour, coated

Color code
HECO-Label

Recess: PZD



Size D x L [mm]	Article No.	Thread length [mm]	Head diameter [mm]	Recess	ETA	Packing unit [pcs.]	Pieces per outer carton [pcs.]	Pieces per pallet [pcs.]
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SKV - SMALL BOXES

3,0	20	23387	17	5,9	PZD-1	200	4.800	633.600	
	25	23303	22	5,9	PZD-1	200	4.800	633.600	
	30	23248	27	5,9	PZD-1	200	4.800	633.600	
	35	23626	31	5,9	PZD-1	200	4.800	403.200	
3,5	16	23465	13	6,9	PZD-2	200	4.800	633.600	
	20	23412	16	6,9	PZD-2	200	4.800	633.600	
	25	23318	21	6,9	PZD-2	•	200	4.800	403.200
	30	23226	26	6,9	PZD-2	•	200	4.800	403.200
	35	23316	31	6,9	PZD-2	•	200	4.000	288.000
	40	23214	36	6,9	PZD-2	•	200	4.000	288.000
4,0	20	22241	15	7,9	PZD-2	200	4.800	633.600	
	25	22157	20	7,9	PZD-2	•	200	4.800	403.200
	30	22069	25	7,9	PZD-2	•	200	4.800	403.200
	35	22127	30	7,9	PZD-2	•	200	4.000	288.000
	40	22077	35	7,9	PZD-2	•	200	4.000	288.000
	45	22247	40	7,9	PZD-2	•	200	4.000	192.000
	50	22072	45	7,9	PZD-2	•	200	4.000	192.000
4,5	25	22326	20	8,9	PZD-2	•	200	4.800	403.200
	30	22162	25	8,9	PZD-2	•	200	4.000	288.000
	35	22151	30	8,9	PZD-2	•	200	4.000	288.000
	40	22175	35	8,9	PZD-2	•	200	4.000	192.000
	45	22252	39	8,9	PZD-2	•	200	4.000	192.000

VARIANTA - BOXES FOR PROFESSIONALS

4,5	50	22183	45	8,9	PZD-2	•	200	2.000	96.000
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Type: countersunk head

full threaded

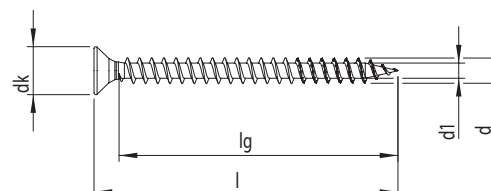
Material: stainless steel A2 1.4567



Surface: self-colour, coated

Color code
HECO-Label

Recess: PZD



Size D x L [mm]	Article No.	Thread length [mm]	Head diameter [mm]	Recess	ETA	Packing unit [pcs.]	Pieces per outer carton [pcs.]	Pieces per pallet [pcs.]
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SKV - SMALL BOXES

5,0	25	22350	20	9,6	PZD-2	•	200	4.000	288.000
	30	22365	24	9,6	PZD-2	•	200	4.000	288.000
	35	21957	29	9,6	PZD-2	•	200	4.000	288.000
	40	21754	34	9,6	PZD-2	•	200	4.000	192.000

VARIANTA - BOXES FOR PROFESSIONALS

5,0	45	22193	39	9,6	PZD-2	•	200	2.000	96.000
	50	21816	44	9,6	PZD-2	•	200	2.000	96.000
	60	21727	54	9,6	PZD-2	•	200	2.000	96.000
	70	21787	60	9,6	PZD-2	•	200	2.000	96.000
	80	21736	60	9,6	PZD-2	•	200	2.000	96.000
6,0	60	19636	53	11,6	PZD-3	•	200	2.000	96.000
	80	44123	60	11,6	PZD-3	•	100	1.000	48.000
	100	19647*	60	11,6	PZD-3	•	100	1.000	48.000
	120	19651*	70	11,6	PZD-3	•	100	1.000	48.000

* Differing version with part thread

Type: countersunk head
part threaded

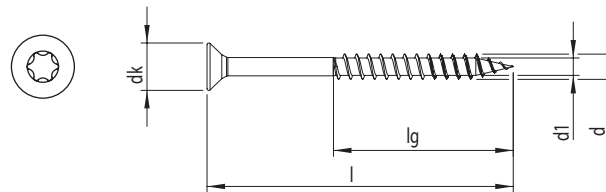
Material: stainless steel A2 1.4567



Surface: self-colour, coated

Color code
HECO-Label

Recess: T-Drive



Size D x L [mm]	Article No.	Thread length [mm]	Head diameter [mm]	Recess	ETA	Packing unit [pcs.]	Pieces per outer carton [pcs.]	Pieces per pallet [pcs.]
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SKV - SMALL BOXES

3,5	30	23584	18	6,9	T-15	•	200	4.800	403.200
	35	23254	21	6,9	T-15	•	200	4.000	288.000
	40	23377	23	6,9	T-15	•	200	4.000	288.000
4,0	25	23123	15	7,9	T-15	•	200	4.800	403.200
	30	23179	18	7,9	T-15	•	200	4.800	403.200
	35	23337	23	7,9	T-15	•	200	4.000	288.000
	40	23274	25	7,9	T-15	•	200	4.000	288.000
	45	23252	28	7,9	T-15	•	200	4.000	192.000
	50	23253	30	7,9	T-15	•	200	4.000	192.000

VARIANTA - BOXES FOR PROFESSIONALS

4,0	60	23200	37	7,9	T-15	•	200	2.000	96.000
	70	23167	42	7,9	T-15	•	200	2.000	96.000

SKV - SMALL BOXES

4,5	25	23592	16	8,9	T-25		200	4.800	403.200
	30	23591	18	8,9	T-25		200	4.000	288.000
	35	23424	23	8,9	T-25	•	200	4.000	288.000
	40	23124	25	8,9	T-25	•	200	4.000	192.000
	45	23273	27	8,9	T-25	•	200	4.000	192.000

VARIANTA - BOXES FOR PROFESSIONALS

4,5	50	23327	30	8,9	T-25	•	200	2.000	96.000
	60	23396	37	8,9	T-25	•	200	2.000	96.000
	70	23212	42	8,9	T-25	•	200	2.000	96.000
	80	23375	48	8,9	T-25	•	200	2.000	96.000



Type: countersunk head

part threaded

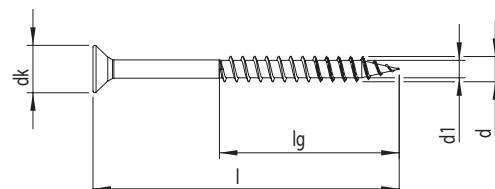
Material: stainless steel A2 1.4567



Surface: self-colour, coated

Color code
HECO-Label

Recess: T-Drive



Size D x L [mm]	Article No.	Thread length [mm]	Head diameter [mm]	Recess	ETA	Packing unit [pcs.]	Pieces per outer carton [pcs.]	Pieces per pallet [pcs.]
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SKV - SMALL BOXES

5,0	25	23630	15	9,6	T-25	•	200	4.000	288.000
	30	23395	18	9,6	T-25	•	200	4.000	288.000
	35	23432	23	9,6	T-25	•	200	4.000	288.000
	40	23201	24	9,6	T-25	•	200	4.000	192.000

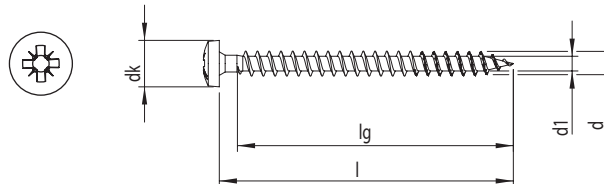
VARIANTA - BOXES FOR PROFESSIONALS

5,0	50	23251	29	9,6	T-25	•	200	2.000	96.000
	60	23182	37	9,6	T-25	•	200	2.000	96.000
	70	23190	42	9,6	T-25	•	200	2.000	96.000
	80	23189	48	9,6	T-25	•	200	2.000	96.000
	90	23287	54	9,6	T-25	•	200	2.000	96.000
	100	48841	60	9,6	T-25	•	100	1.000	48.000
6,0	40	23302	24	11,6	T-25	•	200	2.000	96.000
	50	23394	32	11,6	T-25	•	200	2.000	96.000
	60	20284	37	11,6	T-25	•	200	2.000	96.000
	70	23166	43	11,6	T-25	•	200	2.000	96.000
	80	44124	48	11,6	T-25	•	100	1.000	48.000
	90	23393	53	11,6	T-25	•	100	1.000	48.000
	100	19635	60	11,6	T-25	•	100	1.000	48.000
	120	19650	70	11,6	T-25	•	100	1.000	48.000
	140	20278	70	11,6	T-25	•	100	1.000	48.000
	160	20280	80	11,6	T-25	•	100	800	38.400
	180	20379	80	11,6	T-25	•	100	400	25.600
	200	23599	80	11,6	T-25	•	100	400	25.600

Type:	pan head
	full threaded
Material:	stainless steel A2 1.4567
Surface:	self-colour, coated
Recess:	PZD



Color code
HECO-Label



Size D x L [mm]	Article No.	Thread length [mm]	Head diameter [mm]	Recess	ETA	Packing unit [pcs.]	Pieces per outer carton [pcs.]	Pieces per pallet [pcs.]
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SKV - SMALL BOXES

3,0	20	23171	18	5,9	PZD-1		200	4.800	633.600
	30	23588	28	5,9	PZD-1		200	4.000	288.000
3,5	20	23521	18	6,9	PZD-2		200	4.800	633.600
	30	23215	28	6,9	PZD-2	•	200	4.800	403.200
4,0	20	22134	18	7,9	PZD-2		200	4.800	633.600
	25	22104	23	7,9	PZD-2	•	200	4.000	288.000
	30	22174	28	7,9	PZD-2	•	200	4.000	288.000
	35	21956	33	7,9	PZD-2	•	200	4.000	288.000
	40	22269	38	7,9	PZD-2	•	200	4.000	288.000
	45	22314	42	7,9	PZD-2	•	200	4.000	192.000
5,0	50	22264	47	7,9	PZD-2	•	200	4.000	192.000
	25	22363	23	9,6	PZD-2	•	200	4.000	288.000
	30	22152	27	9,6	PZD-2	•	200	4.000	240.000
	40	22204	37	9,6	PZD-2	•	200	4.000	192.000

VARIANTA - BOXES FOR PROFESSIONALS

5,0	50	22353	47	9,6	PZD-2	•	200	2.000	96.000
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Type: raised countersunk head

full threaded

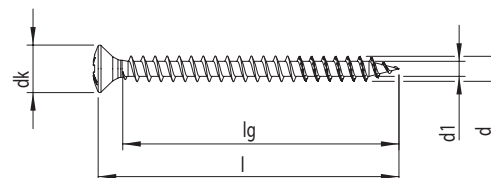
Material: stainless steel A2 1.4567



Surface: self-colour, coated

Color code
HECO-Label

Recess: PZD



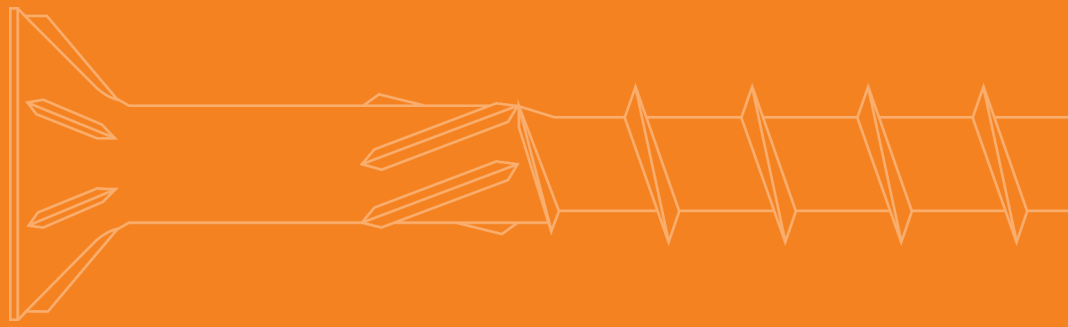
Size D x L [mm]	Article No.	Thread length [mm]	Head diameter [mm]	Recess	ETA	Packing unit [pcs.]	Pieces per outer carton [pcs.]	Pieces per pallet [pcs.]
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SKV - SMALL BOXES

3,0	20	23172	17	5,9	PZD-1		200	4.800	633.600
	25	23389	22	5,9	PZD-1		200	4.800	633.600
	30	23527	27	5,9	PZD-1		200	4.800	633.600
	35	23671	31	5,9	PZD-1		200	4.800	403.200
3,5	20	23256	16	6,9	PZD-2	•	200	4.800	633.600
	25	23418	21	6,9	PZD-2	•	200	4.800	403.200
	30	23183	26	6,9	PZD-2	•	200	4.800	403.200
	35	23464	31	6,9	PZD-2	•	200	4.000	288.000
	40	23490	36	6,9	PZD-2	•	200	4.000	288.000
4,0	20	22248	15	7,9	PZD-2		200	4.800	633.600
	25	22238	20	7,9	PZD-2	•	200	4.800	403.200
	30	22106	25	7,9	PZD-2	•	200	4.800	403.200
	35	22235	30	7,9	PZD-2	•	200	4.000	288.000
	40	22153	35	7,9	PZD-2	•	200	4.000	288.000
	50	22463	45	7,9	PZD-2	•	200	4.000	192.000
4,5	40	22437	35	8,9	PZD-2	•	200	4.000	192.000
	45	22493	40	8,9	PZD-2	•	200	4.000	192.000

VARIANTA - BOXES FOR PROFESSIONALS

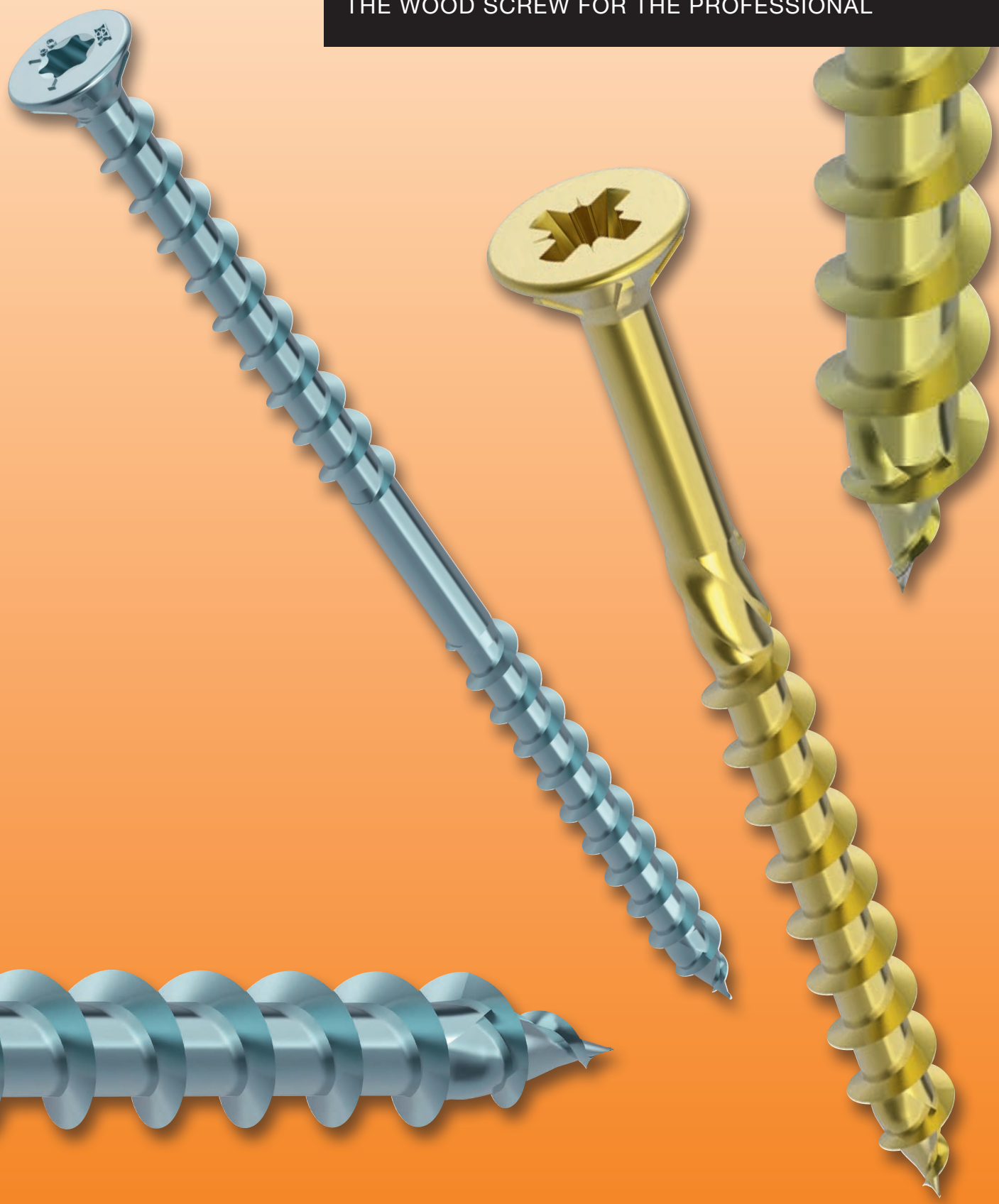
4,5	50	22439	45	8,9	PZD-2	•	200	2.000	96.000
5,0	50	22125	44	9,6	PZD-2	•	200	2.000	96.000
	60	22324	54	9,6	PZD-2	•	200	2.000	96.000





HECO-TOPIX[®]

THE WOOD SCREW FOR THE PROFESSIONAL



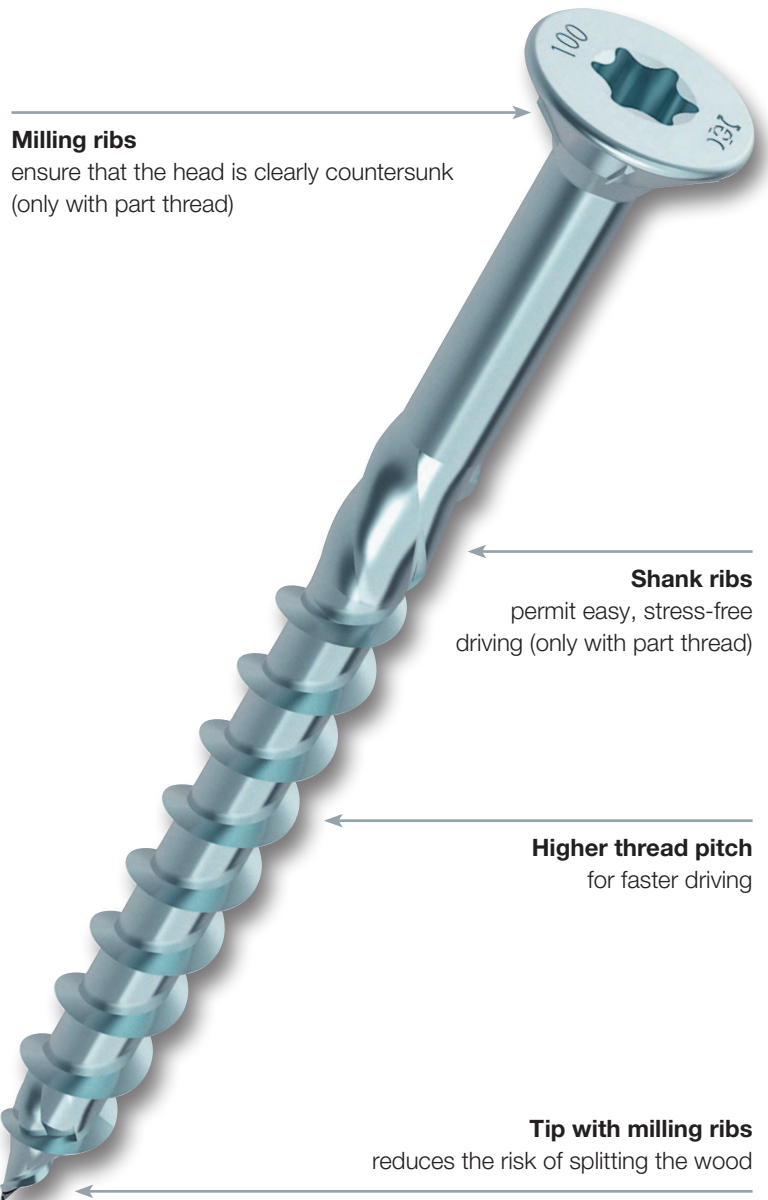


HECO-TOPIX®

The wood screw for professionals

PRODUCT INFORMATION

- Revolutionary point and shank design
- Easy to handle
- No predrilling required
- Faster driving
- Reduced risk of splitting the wood
- Lower driving torque
- High cost effectiveness
- Approved and monitored product for steel and stainless steel versions



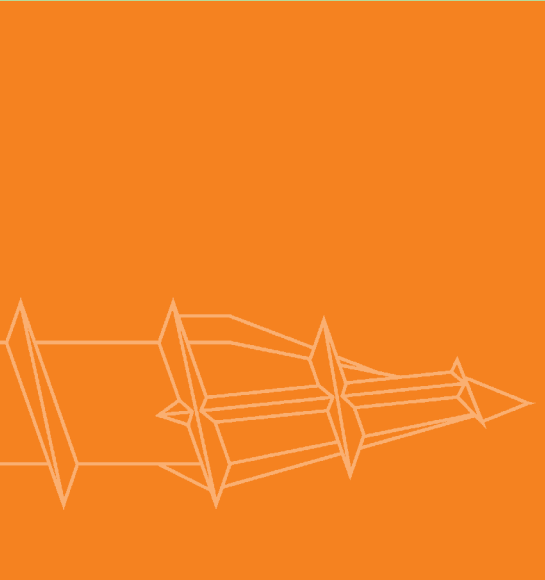
Milling ribs
ensure that the head is clearly countersunk
(only with part thread)

Shank ribs
permit easy, stress-free driving
(only with part thread)

Higher thread pitch
for faster driving

Tip with milling ribs
reduces the risk of splitting the wood





APPLICATION EXAMPLES



Timber construction



Staircase construction



On-rafter insulation



Timber construction



Fixing of decking



Rafter-purlin joint



Type: countersunk head

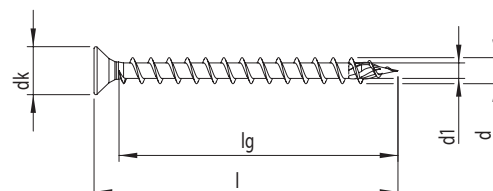
full threaded

Material: steel, hardened

Surface: bright zinc plated, A2K

Color code
HECO-Label

Recess: PZD



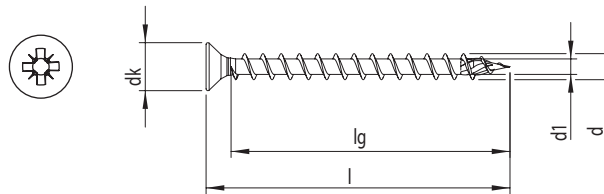
Size D x L [mm]	Article No.	Thread length [mm]	Head diameter [mm]	Recess	ETA	Packing unit [pcs.]	Pieces per outer carton [pcs.]	Pieces per pallet [pcs.]
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VARIANTA - BOXES FOR PROFESSIONALS

3,5	20	33964	16	6,9	PZD-2	•	1.000	10.000	840.000
	25	33976	21	6,9	PZD-2	•	1.000	10.000	480.000
	30	33990	26	6,9	PZD-2	•	1.000	10.000	480.000
	35	34004	31	6,9	PZD-2	•	1.000	10.000	480.000
	40	34017	36	6,9	PZD-2	•	500	5.000	240.000
	45	34040	41	6,9	PZD-2	•	500	5.000	240.000
	50	34066	46	6,9	PZD-2	•	500	5.000	240.000
4,0	25	34112	20	7,9	PZD-2	•	1.000	10.000	480.000
	30	34120	25	7,9	PZD-2	•	1.000	10.000	480.000
	35	44105	30	7,9	PZD-2	•	500	5.000	240.000
	40	34136	35	7,9	PZD-2	•	500	5.000	240.000
	45	34144	40	7,9	PZD-2	•	500	5.000	240.000
	50	34167	45	7,9	PZD-2	•	500	5.000	240.000
	60	34188	54	7,9	PZD-2	•	200	2.000	96.000
4,5	30	34236	25	8,9	PZD-2	•	500	5.000	240.000
	35	34244	30	8,9	PZD-2	•	500	5.000	240.000
	40	34252	35	8,9	PZD-2	•	500	5.000	240.000
	45	34261	40	8,9	PZD-2	•	500	5.000	240.000
	50	34282	45	8,9	PZD-2	•	200	2.000	96.000
	60	34296	54	8,9	PZD-2	•	200	2.000	96.000
	70	40172	60	8,9	PZD-2	•	200	2.000	96.000
5,0	30	34359	24	9,6	PZD-2	•	500	5.000	240.000
	35	34373	29	9,6	PZD-2	•	500	5.000	240.000
	40	34380	34	9,6	PZD-2	•	500	5.000	240.000
	45	34407	39	9,6	PZD-2	•	200	2.000	96.000
	50	34421	44	9,6	PZD-2	•	200	2.000	96.000
	60	34435	54	9,6	PZD-2	•	200	2.000	96.000
	70	34449	60	9,6	PZD-2	•	200	2.000	96.000

Type:	countersunk head
	full threaded
Material:	steel, hardened
Surface:	bright zinc plated, A2K
Recess:	PZD

Color code
HECO-Label



Size D x L [mm]	Article No.	Thread length [mm]	Head diameter [mm]	Recess	ETA	Packing unit [pcs.]	Pieces per outer carton [pcs.]	Pieces per pallet [pcs.]	
6,0	40	34527	33	11,6	PZD-3	•	200	2.000	96.000
	45	34537	38	11,6	PZD-3	•	200	2.000	96.000
	50	34547	43	11,6	PZD-3	•	200	2.000	96.000
	60	34561	53	11,6	PZD-3	•	200	2.000	96.000
	70	34575	60	11,6	PZD-3	•	200	2.000	96.000



Type: countersunk head with milling ribs

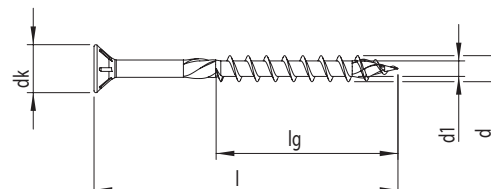
part threaded

Material: steel, hardened

Surface: bright zinc plated, A2K

Color code
HECO-Label

Recess: PZD



Size D x L [mm]	Article No.	Thread length [mm]	Head diameter [mm]	Recess	ETA	Packing unit [pcs.]	Pieces per outer carton [pcs.]	Pieces per pallet [pcs.]
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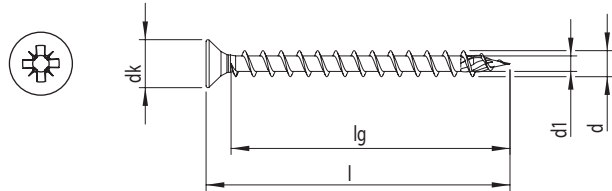
VARIANTA - BOXES FOR PROFESSIONALS

3,5	35	40129	21	6,9	PZD-2	•	1.000	10.000	480.000
	40	34026	24	6,9	PZD-2	•	500	5.000	240.000
	45	34057	27	6,9	PZD-2	•	500	5.000	240.000
	50	34075	31	6,9	PZD-2	•	500	5.000	240.000
4,0	35	44111	20	7,9	PZD-2	•	500	5.000	240.000
	40	40150	25	7,9	PZD-2	•	500	5.000	240.000
	45	34149	25	7,9	PZD-2	•	500	5.000	240.000
	50	34180	30	7,9	PZD-2	•	500	5.000	240.000
	70	34201	40	7,9	PZD-2	•	200	2.000	96.000
4,5	50	34291	30	8,9	PZD-2	•	200	2.000	96.000
	60	34305	35	8,9	PZD-2	•	200	2.000	96.000
	70	34310	40	8,9	PZD-2	•	200	2.000	96.000
	80	34320	50	8,9	PZD-2	•	200	2.000	96.000
	5,0	50	34430	28	9,6	PZD-2	•	200	2.000
60		34444	38	9,6	PZD-2	•	200	2.000	96.000
70		34458	42	9,6	PZD-2	•	200	2.000	96.000
80		34472	47	9,6	PZD-2	•	200	2.000	96.000
90		34477	55	9,6	PZD-2	•	200	2.000	96.000
100		48839	60	9,6	PZD-2	•	100	1.000	48.000
120		34497	60	9,6	PZD-2	•	100	1.000	48.000
6,0	60	34570	35	11,6	PZD-3	•	200	2.000	96.000
	80	44121	45	11,6	PZD-3	•	100	1.000	48.000
	100	34606	60	11,6	PZD-3	•	100	1.000	48.000
	120	34620	60	11,6	PZD-3	•	100	1.000	48.000
	140	34625	60	11,6	PZD-3	•	100	1.000	48.000
	160	34635	60	11,6	PZD-3	•	100	800	38.400
	180	34645	60	11,6	PZD-3	•	100	400	25.600

Screws with a diameter of 3,5 have no shank ribs

Type:	countersunk head
	full threaded
Material:	steel, hardened
Surface:	yellow zinc plated, A2L
Recess:	PZD

Color code
HECO-Label



Size D x L [mm]	Article No.	Thread length [mm]	Head diameter [mm]	Recess	ETA	Packing unit [pcs.]	Pieces per outer carton [pcs.]	Pieces per pallet [pcs.]
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VARIANTA - BOXES FOR PROFESSIONALS									
3,5	20	33965	16	6,9	PZD-2	•	1.000	10.000	840.000
	25	33979	21	6,9	PZD-2	•	1.000	10.000	480.000
	30	33993	26	6,9	PZD-2	•	1.000	10.000	480.000
	35	34007	31	6,9	PZD-2	•	1.000	10.000	480.000
	40	33208	36	6,9	PZD-2	•	500	5.000	240.000
	45	34043	41	6,9	PZD-2	•	500	5.000	240.000
	50	34069	46	6,9	PZD-2	•	500	5.000	240.000
4,0	25	33232	20	7,9	PZD-2	•	1.000	10.000	480.000
	30	33238	25	7,9	PZD-2	•	1.000	10.000	480.000
	35	44106	30	7,9	PZD-2	•	500	5.000	240.000
	40	33250	35	7,9	PZD-2	•	500	5.000	240.000
	45	33256	40	7,9	PZD-2	•	500	5.000	240.000
	50	34170	45	7,9	PZD-2	•	500	5.000	240.000
	60	34190	54	7,9	PZD-2	•	200	2.000	96.000
4,5	30	33280	25	8,9	PZD-2	•	500	5.000	240.000
	35	33286	30	8,9	PZD-2	•	500	5.000	240.000
	40	33292	35	8,9	PZD-2	•	500	5.000	240.000
	45	34264	40	8,9	PZD-2	•	500	5.000	240.000
	50	34284	45	8,9	PZD-2	•	200	2.000	96.000
	60	34298	54	8,9	PZD-2	•	200	2.000	96.000
	70	35528	60	8,9	PZD-2	•	200	2.000	96.000
5,0	30	34362	24	9,6	PZD-2	•	500	5.000	240.000
	35	34376	29	9,6	PZD-2	•	500	5.000	240.000
	40	34383	34	9,6	PZD-2	•	500	5.000	240.000
	45	34409	39	9,6	PZD-2	•	200	2.000	96.000
	50	34423	44	9,6	PZD-2	•	200	2.000	96.000
	60	34437	54	9,6	PZD-2	•	200	2.000	96.000
	70	34451	60	9,6	PZD-2	•	200	2.000	96.000



Type: countersunk head

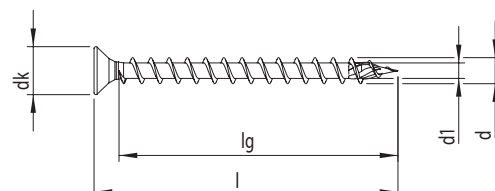
full threaded

Material: steel, hardened

Surface: yellow zinc plated, A2L

Color code
HECO-Label

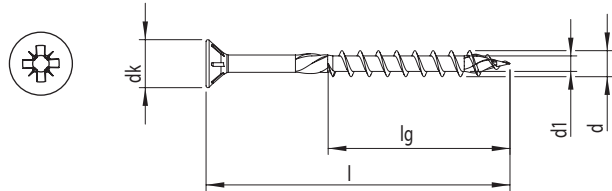
Recess: PZD



Size D x L [mm]	Article No.	Thread length [mm]	Head diameter [mm]	Recess	ETA	Packing unit [pcs.]	Pieces per outer carton [pcs.]	Pieces per pallet [pcs.]	
6,0	40	34529	33	11,6	PZD-3	•	200	2.000	96.000
	45	34539	38	11,6	PZD-3	•	200	2.000	96.000
	50	34549	43	11,6	PZD-3	•	200	2.000	96.000
	60	34563	53	11,6	PZD-3	•	200	2.000	96.000
	70	34577	60	11,6	PZD-3	•	200	2.000	96.000

Type:	countersunk head with milling ribs
	part threaded
Material:	steel, hardened
Surface:	yellow zinc plated, A2L
Recess:	PZD

Color code
HECO-Label



Size D x L [mm]	Article No.	Thread length [mm]	Head diameter [mm]	Recess	ETA	Packing unit [pcs.]	Pieces per outer carton [pcs.]	Pieces per pallet [pcs.]
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VARIANTA - BOXES FOR PROFESSIONALS									
3,5	35	40130	21	6,9	PZD-2	•	1.000	10.000	480.000
	40	34029	24	6,9	PZD-2	•	500	5.000	240.000
	45	33214	27	6,9	PZD-2	•	500	5.000	240.000
	50	33220	31	6,9	PZD-2	•	500	5.000	240.000
4,0	35	44112	20	7,9	PZD-2	•	500	5.000	240.000
	40	40152	25	7,9	PZD-2	•	500	5.000	240.000
	45	34152	25	7,9	PZD-2	•	500	5.000	240.000
	50	33262	30	7,9	PZD-2	•	500	5.000	240.000
	60	33268	35	7,9	PZD-2	•	200	2.000	96.000
	70	33274	40	7,9	PZD-2	•	200	2.000	96.000
4,5	50	33304	30	8,9	PZD-2	•	200	2.000	96.000
	60	33311	35	8,9	PZD-2	•	200	2.000	96.000
	70	34312	40	8,9	PZD-2	•	200	2.000	96.000
	80	34322	50	8,9	PZD-2	•	200	2.000	96.000
5,0	50	33329	28	9,6	PZD-2	•	200	2.000	96.000
	60	33335	38	9,6	PZD-2	•	200	2.000	96.000
	70	33341	42	9,6	PZD-2	•	200	2.000	96.000
	80	33347	47	9,6	PZD-2	•	200	2.000	96.000
	90	34479	55	9,6	PZD-2	•	200	2.000	96.000
	100	48840	60	9,6	PZD-2	•	100	1.000	48.000
	120	34499	60	9,6	PZD-2	•	100	1.000	48.000
6,0	60	33359	35	11,6	PZD-3	•	200	2.000	96.000
	80	44122	45	11,6	PZD-3	•	100	1.000	48.000
	100	33383	60	11,6	PZD-3	•	100	1.000	48.000
	120	33389	60	11,6	PZD-3	•	100	1.000	48.000
	140	34627	60	11,6	PZD-3	•	100	1.000	48.000
	160	34637	60	11,6	PZD-3	•	100	800	38.400
	180	34647	60	11,6	PZD-3	•	100	400	25.600

Screws with a diameter of 3,5 have no shank ribs



Type: countersunk head

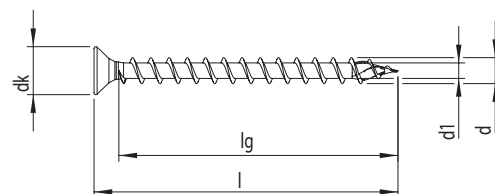
full threaded

Material: steel, hardened

Surface: bright zinc plated, A2K

Color code
HECO-Label

Recess: T-Drive



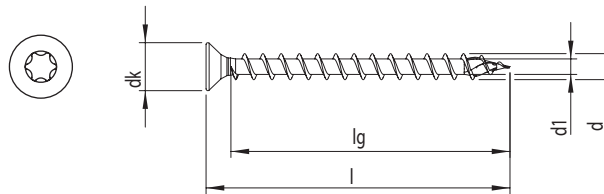
Size D x L [mm]	Article No.	Thread length [mm]	Head diameter [mm]	Recess	ETA	Packing unit [pcs.]	Pieces per outer carton [pcs.]	Pieces per pallet [pcs.]
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VARIANTA - BOXES FOR PROFESSIONALS

3,5	20	33969	16	6,9	T-15	•	1.000	10.000	840.000
	25	33983	21	6,9	T-15	•	1.000	10.000	480.000
	30	40127	26	6,9	T-15	•	1.000	10.000	480.000
	35	40132	31	6,9	T-15	•	1.000	10.000	480.000
	40	34021	36	6,9	T-15	•	500	5.000	240.000
	45	34047	41	6,9	T-15	•	500	5.000	240.000
	50	34080	46	6,9	T-15	•	500	5.000	240.000
4,0	25	34116	20	7,9	T-15	•	1.000	10.000	480.000
	30	40140	25	7,9	T-15	•	1.000	10.000	480.000
	35	44107	30	7,9	T-15	•	500	5.000	240.000
	40	40154	35	7,9	T-15	•	500	5.000	240.000
	45	34155	40	7,9	T-15	•	500	5.000	240.000
	50	34174	45	7,9	T-15	•	500	5.000	240.000
	60	34195	54	7,9	T-15	•	200	2.000	96.000
4,5	30	40158	25	8,9	T-25	•	500	5.000	240.000
	35	34248	30	8,9	T-25	•	500	5.000	240.000
	40	34256	35	8,9	T-25	•	500	5.000	240.000
	45	34268	40	8,9	T-25	•	500	5.000	240.000
	50	34287	45	8,9	T-25	•	200	2.000	96.000
	60	34301	54	8,9	T-25	•	200	2.000	96.000
	70	40174	60	8,9	T-25	•	200	2.000	96.000
	80	49093	74	8,9	T-25	•	200	2.000	96.000

Type:	countersunk head
	full threaded
Material:	steel, hardened
Surface:	bright zinc plated, A2K
Recess:	T-Drive

Color code
HECO-Label



Size D x L [mm]	Article No.	Thread length [mm]	Head diameter [mm]	Recess	ETA	Packing unit [pcs.]	Pieces per outer carton [pcs.]	Pieces per pallet [pcs.]	
5,0	30	34366	24	9,6	T-25	•	500	5.000	240.000
	35	34393	29	9,6	T-25	•	500	5.000	240.000
	40	34387	34	9,6	T-25	•	500	5.000	240.000
	45	34414	39	9,6	T-25	•	200	2.000	96.000
	50	34426	44	9,6	T-25	•	200	2.000	96.000
	60	34440	54	9,6	T-25	•	200	2.000	96.000
	80	49089	74	9,6	T-25	•	200	2.000	96.000
	100	49091	94	9,6	T-25	•	100	1.000	48.000
6,0	40	34532	33	11,6	T-25	•	200	2.000	96.000
	45	34542	38	11,6	T-25	•	200	2.000	96.000
	50	34552	43	11,6	T-25	•	200	2.000	96.000
	60	34566	53	11,6	T-25	•	200	2.000	96.000
	70	34580	60	11,6	T-25	•	200	2.000	96.000



Type: countersunk head with milling ribs

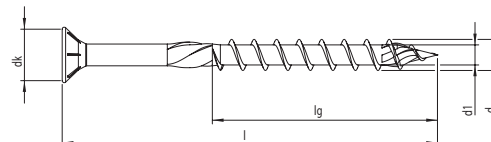
part threaded

Material: steel, hardened

Surface: bright zinc plated, A2K

Color code
HECO-Label

Recess: T-Drive



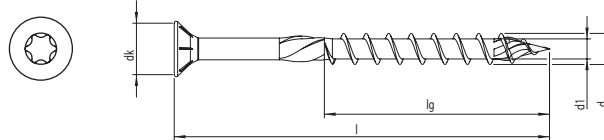
Size D x L [mm]	Article No.	Thread length [mm]	Head diameter [mm]	Recess	ETA	Packing unit [pcs.]	Pieces per outer carton [pcs.]	Pieces per pallet [pcs.]
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VARIANTA - BOXES FOR PROFESSIONALS

3,5	30	33997	18	6,9	T-15	•	1.000	10.000	480.000
	35	34011	21	6,9	T-15	•	1.000	10.000	480.000
	40	34033	24	6,9	T-15	•	500	5.000	240.000
	45	34061	27	6,9	T-15	•	500	5.000	240.000
	50	34086	31	6,9	T-15	•	500	5.000	240.000
4,0	30	34124	20	7,9	T-15	•	1.000	10.000	480.000
	35	44109	20	7,9	T-15	•	500	5.000	240.000
	40	34140	25	7,9	T-15	•	500	5.000	240.000
	45	34160	25	7,9	T-15	•	500	5.000	240.000
	50	34184	30	7,9	T-15	•	500	5.000	240.000
	60	34199	35	7,9	T-15	•	200	2.000	96.000
4,5	70	34203	40	7,9	T-15	•	200	2.000	96.000
	35	40160	20	8,9	T-25	•	500	5.000	240.000
	40	40166	25	8,9	T-25	•	500	5.000	240.000
	45	34278	25	8,9	T-25	•	500	5.000	240.000
	50	34293	30	8,9	T-25	•	200	2.000	96.000
	60	34307	35	8,9	T-25	•	200	2.000	96.000
	70	34315	40	8,9	T-25	•	200	2.000	96.000
	80	34325	50	8,9	T-25	•	200	2.000	96.000
5,0	40	34403	23	9,6	T-25	•	500	5.000	240.000
	45	34418	28	9,6	T-25	•	200	2.000	96.000
	50	34432	28	9,6	T-25	•	200	2.000	96.000
	60	34446	38	9,6	T-25	•	200	2.000	96.000
	70	34460	42	9,6	T-25	•	200	2.000	96.000
	80	34474	47	9,6	T-25	•	200	2.000	96.000
	90	34482	55	9,6	T-25	•	200	2.000	96.000
	100	48837	60	9,6	T-25	•	100	1.000	48.000
	120	34502	60	9,6	T-25	•	100	1.000	48.000

Screws with a diameter of 3,5 have no shank ribs

Type:	countersunk head with milling ribs
	part threaded
Material:	steel, hardened
Surface:	bright zinc plated, A2K Color code HECO-Label
Recess:	T-Drive



Size D x L [mm]	Article No.	Thread length [mm]	Head diameter [mm]	Recess	ETA	Packing unit [pcs.]	Pieces per outer carton [pcs.]	Pieces per pallet [pcs.]	
6,0	60	34572	36	11,6	T-25	•	200	2.000	96.000
	70	34586	40	11,6	T-25	•	200	2.000	96.000
	80	44079	45	11,6	T-25	•	100	1.000	48.000
	90	34604	55	11,6	T-25	•	100	1.000	48.000
	100	34608	60	11,6	T-25	•	100	1.000	48.000
	110	34616	60	11,6	T-25	•	100	1.000	48.000
	120	34622	60	11,6	T-25	•	100	1.000	48.000
	140	34630	60	11,6	T-25	•	100	1.000	48.000
	150	40643	60	11,6	T-25	•	100	800	38.400
	160	34640	60	11,6	T-25	•	100	800	38.400
	180	34650	60	11,6	T-25	•	100	400	25.600
	200	34660	60	11,6	T-25	•	100	400	25.600
	220	34670	60	11,6	T-25	•	100	400	25.600
	240	34680	60	11,6	T-25	•	100	400	25.600
	260	34690	60	11,6	T-25	•	100	400	19.200
	280	34700	60	11,6	T-25	•	100	400	19.200
300	34710	60	11,6	T-25	•	100	400	19.200	



Type: countersunk head with milling grooves

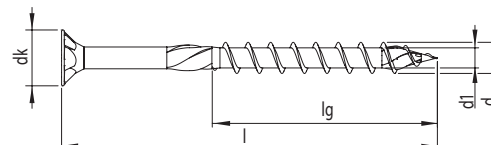
part threaded

Material: steel, hardened

Surface: bright zinc plated, A2K

Color code
HECO-Label

Recess: T-Drive



Size D x L [mm]	Article No.	Thread length [mm]	Head diameter [mm]	Recess	ETA	Packing unit [pcs.]	Pieces per outer carton [pcs.]	Pieces per pallet [pcs.]
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VARIANTA - BOXES FOR PROFESSIONALS

8,0	80	48080	60	14,8	T-40	•	100	400	33.600
	90	48083	60	14,8	T-40	•	100	400	33.600
	100	48085	60	14,8	T-40	•	100	400	33.600
	120	48087	70	14,8	T-40	•	100	400	33.600
	140	48089	70	14,8	T-40	•	100	400	33.600
	160	48091	100	14,8	T-40	•	100	400	25.600
	180	48093	100	14,8	T-40	•	100	400	25.600
	200	48095	100	14,8	T-40	•	100	400	25.600
	220	48098	100	14,8	T-40	•	50	200	12.800
	240	48100	100	14,8	T-40	•	50	200	12.800
	260	48102	100	14,8	T-40	•	50	200	9.600
	280	48104	100	14,8	T-40	•	50	200	9.600
	300	48106	100	14,8	T-40	•	50	200	9.600
	320	48108	100	14,8	T-40	•	50	200	9.600
	340	48110	100	14,8	T-40	•	50	200	9.600
	360	48112	100	14,8	T-40	•	50	200	6.400
	380	48114	100	14,8	T-40	•	50	200	6.400
400	48116	100	14,8	T-40	•	50	200	6.400	
420	48118	100	14,8	T-40	•	50	200	6.400	
460	48120	100	14,8	T-40	•	50	200	6.400	
500	48122	100	14,8	T-40	•	50	200	6.400	

You will find corresponding washers on page 222

Setting tool for 45° and 60° insertion angles are on page 223

Type: countersunk head with milling grooves

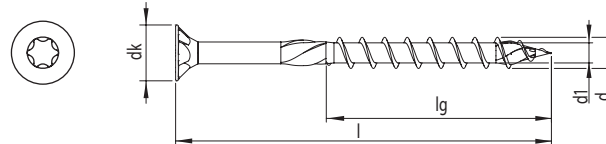
part threaded

Material: steel, hardened

Surface: bright zinc plated, A2K

Color code
HECO-Label

Recess: T-Drive



Size D x L [mm]	Article No.	Thread length [mm]	Head diameter [mm]	Recess	ETA	Packing unit [pcs.]	Pieces per outer carton [pcs.]	Pieces per pallet [pcs.]	
10,0	80	48124	60	18,5	T-40	•	50	200	16.800
	100	48128	80	18,5	T-40	•	50	200	16.800
	120	48130	80	18,5	T-40	•	50	200	16.800
	140	48132	80	18,5	T-40	•	50	200	16.800
	160	48134	100	18,5	T-40	•	50	200	16.800
	180	48136	100	18,5	T-40	•	50	200	12.800
	200	48138	100	18,5	T-40	•	50	200	12.800
	220	48140	100	18,5	T-40	•	50	200	12.800
	240	48142	100	18,5	T-40	•	50	200	9.600
	260	48144	100	18,5	T-40	•	50	200	9.600
	280	48146	100	18,5	T-40	•	50	200	9.600
	300	48149	100	18,5	T-40	•	50	200	9.600
	320	48151	100	18,5	T-40	•	50	200	9.600
	340	48153	100	18,5	T-40	•	50	200	9.600
	360	48155	100	18,5	T-40	•	50	200	6.400
	380	48157	100	18,5	T-40	•	50	200	6.400
	400	48159	100	18,5	T-40	•	50	200	6.400
420	48163	100	18,5	T-40	•	25	100	3.200	
460	48166	100	18,5	T-40	•	25	100	3.200	
500	48167	100	18,5	T-40	•	25	100	3.200	

You will find corresponding washers on page 222

Setting tool for 45° and 60° insertion angles are on page 223



Type: countersunk head

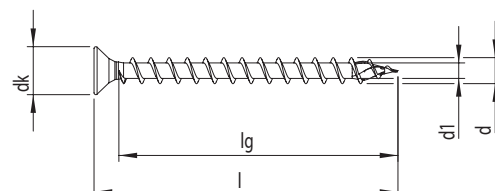
full threaded

Material: steel, hardened

Surface: yellow zinc plated, A2L

Color code
HECO-Label

Recess: T-Drive

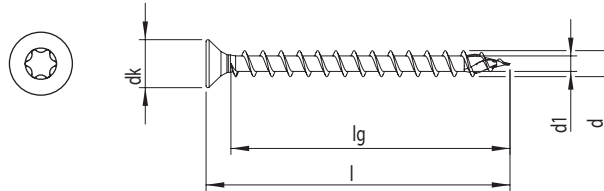


Size D x L [mm]	Article No.	Thread length [mm]	Head diameter [mm]	Recess	ETA	Packing unit [pcs.]	Pieces per outer carton [pcs.]	Pieces per pallet [pcs.]
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VARIANTA - BOXES FOR PROFESSIONALS

3,5	20	33972	16	6,9	T-15	•	1.000	10.000	840.000
	25	33986	21	6,9	T-15	•	1.000	10.000	480.000
	30	34000	26	6,9	T-15	•	1.000	10.000	480.000
	35	40134	31	6,9	T-15	•	1.000	10.000	480.000
	40	33211	36	6,9	T-15	•	500	5.000	240.000
	45	34054	41	6,9	T-15	•	500	5.000	240.000
	50	34083	46	6,9	T-15	•	500	5.000	240.000
4,0	25	33235	20	7,9	T-15	•	1.000	10.000	480.000
	30	40142	25	7,9	T-15	•	1.000	10.000	480.000
	35	44075	30	7,9	T-15	•	500	5.000	240.000
	40	40156	35	7,9	T-15	•	500	5.000	240.000
	45	33259	40	7,9	T-15	•	500	5.000	240.000
	50	34177	45	7,9	T-15	•	500	5.000	240.000
	60	34197	54	7,9	T-15	•	200	2.000	96.000
4,5	30	33283	25	8,9	T-25	•	500	5.000	240.000
	35	33289	30	8,9	T-25	•	500	5.000	240.000
	40	33295	35	8,9	T-25	•	500	5.000	240.000
	45	34271	40	8,9	T-25	•	500	5.000	240.000
	50	34289	45	8,9	T-25	•	200	2.000	96.000
	60	34303	54	8,9	T-25	•	200	2.000	96.000
	70	40176	60	8,9	T-25	•	200	2.000	96.000
5,0	30	34369	24	9,6	T-25	•	500	5.000	240.000
	35	34396	29	9,6	T-25	•	500	5.000	240.000
	40	34816	34	9,6	T-25	•	500	5.000	240.000
	45	34416	39	9,6	T-25	•	200	2.000	96.000
	50	34428	44	9,6	T-25	•	200	2.000	96.000
	60	34442	54	9,6	T-25	•	200	2.000	96.000
	70	34456	60	9,6	T-25	•	200	2.000	96.000

Type:	countersunk head
	full threaded
Material:	steel, hardened
Surface:	yellow zinc plated, A2L
Recess:	T-Drive



Size D x L [mm]	Article No.	Thread length [mm]	Head diameter [mm]	Recess	ETA	Packing unit [pcs.]	Pieces per outer carton [pcs.]	Pieces per pallet [pcs.]
6,0	40 34534	33	11,6	T-25	•	200	2.000	96.000
	45 34544	38	11,6	T-25	•	200	2.000	96.000
	50 34554	43	11,6	T-25	•	200	2.000	96.000
	60 34568	53	11,6	T-25	•	200	2.000	96.000
	70 34582	60	11,6	T-25	•	200	2.000	96.000



Type: countersunk head with milling ribs

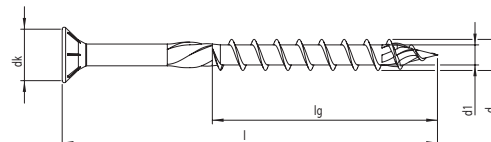
part threaded

Material: steel, hardened

Surface: yellow zinc plated, A2L

Color code
HECO-Label

Recess: T-Drive



Size D x L [mm]	Article No.	Thread length [mm]	Head diameter [mm]	Recess	ETA	Packing unit [pcs.]	Pieces per outer carton [pcs.]	Pieces per pallet [pcs.]
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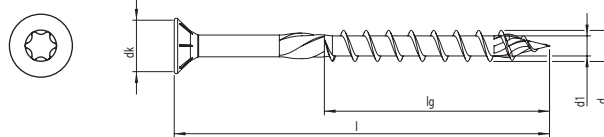
VARIANTA - BOXES FOR PROFESSIONALS

3,5	30	38096	18	6,9	T-15	•	1.000	10.000	480.000
	35	34014	21	6,9	T-15	•	1.000	10.000	480.000
	40	34036	24	6,9	T-15	•	500	5.000	240.000
	45	33217	27	6,9	T-15	•	500	5.000	240.000
	50	33223	31	6,9	T-15	•	500	5.000	240.000
4,0	30	33241	20	7,9	T-15	•	1.000	10.000	480.000
	35	44110	20	7,9	T-15	•	500	5.000	240.000
	40	33253	25	7,9	T-15	•	500	5.000	240.000
	45	34163	25	7,9	T-15	•	500	5.000	240.000
	50	33265	30	7,9	T-15	•	500	5.000	240.000
	60	33271	35	7,9	T-15	•	200	2.000	96.000
4,5	70	33277	40	7,9	T-15	•	200	2.000	96.000
	40	38697	25	8,9	T-25	•	500	5.000	240.000
	45	33301	25	8,9	T-25	•	500	5.000	240.000
	50	33307	30	8,9	T-25	•	200	2.000	96.000
	60	33314	35	8,9	T-25	•	200	2.000	96.000
	70	34317	40	8,9	T-25	•	200	2.000	96.000
5,0	80	34327	50	8,9	T-25	•	200	2.000	96.000
	40	33320	23	9,6	T-25	•	500	5.000	240.000
	45	33327	28	9,6	T-25	•	200	2.000	96.000
	50	33332	28	9,6	T-25	•	200	2.000	96.000
	60	33338	38	9,6	T-25	•	200	2.000	96.000
	70	33344	42	9,6	T-25	•	200	2.000	96.000
	80	33350	47	9,6	T-25	•	200	2.000	96.000
	90	34484	55	9,6	T-25	•	200	2.000	96.000
100	48838	60	9,6	T-25	•	100	1.000	48.000	
120	34504	60	9,6	T-25	•	100	1.000	48.000	

Screws with a diameter of 3,5 have no shank ribs

Type:	countersunk head with milling ribs
	part threaded
Material:	steel, hardened
Surface:	yellow zinc plated, A2L
Recess:	T-Drive

Color code
HECO-Label



Size D x L [mm]	Article No.	Thread length [mm]	Head diameter [mm]	Recess	ETA	Packing unit [pcs.]	Pieces per outer carton [pcs.]	Pieces per pallet [pcs.]	
6,0	50	33356	30	11,6	T-25	•	200	2.000	96.000
	60	33362	36	11,6	T-25	•	200	2.000	96.000
	70	33368	40	11,6	T-25	•	200	2.000	96.000
	80	44120	45	11,6	T-25	•	100	1.000	48.000
	90	33380	55	11,6	T-25	•	100	1.000	48.000
	100	33386	60	11,6	T-25	•	100	1.000	48.000
	110	34618	60	11,6	T-25	•	100	1.000	48.000
	120	33392	60	11,6	T-25	•	100	1.000	48.000
	140	34632	60	11,6	T-25	•	100	1.000	48.000
	150	37079	60	11,6	T-25	•	100	800	38.400
	160	34642	60	11,6	T-25	•	100	800	38.400
	180	34652	60	11,6	T-25	•	100	400	25.600
	200	34662	60	11,6	T-25	•	100	400	25.600
	220	34672	60	11,6	T-25	•	100	400	25.600
	240	34682	60	11,6	T-25	•	100	400	25.600
	260	34692	60	11,6	T-25	•	100	400	19.200
280	34702	60	11,6	T-25	•	100	400	19.200	
300	34712	60	11,6	T-25	•	100	400	19.200	



HECO-TOPIX® Full threaded screws

PRODUCT INFORMATION

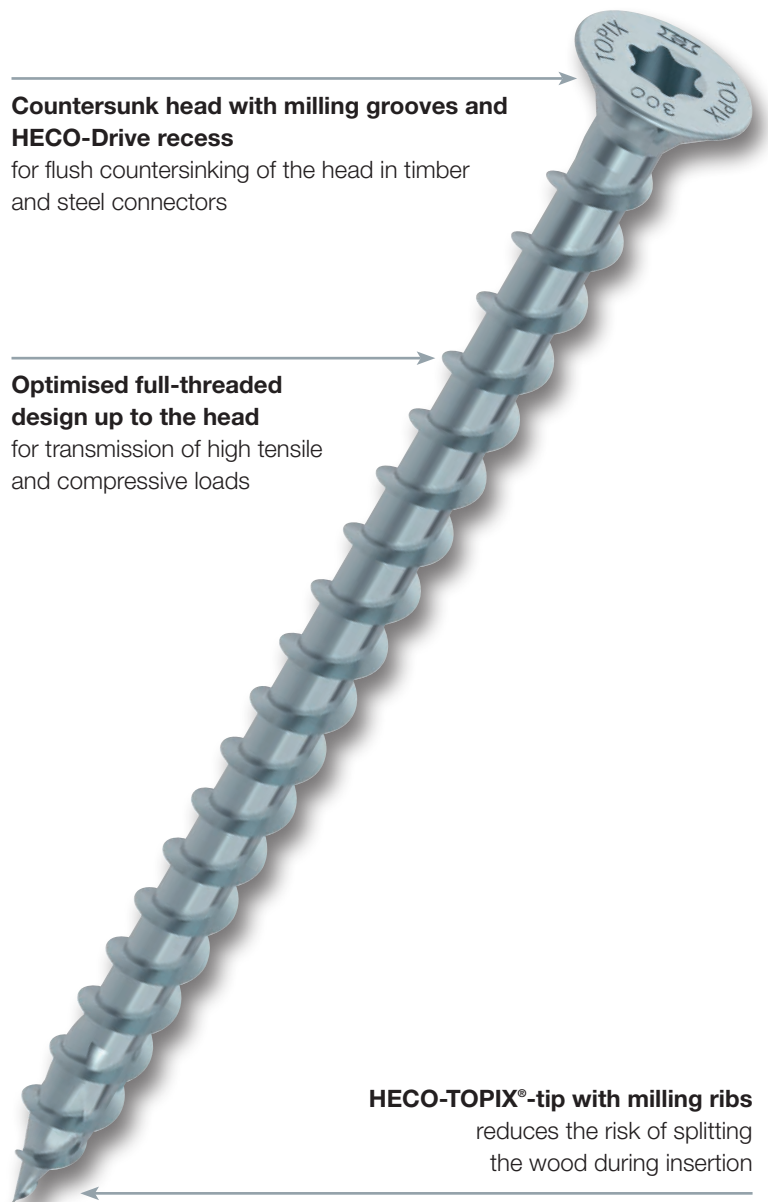
- Countersunk head with milling grooves; no damage to the connector
- Perfectly coordinated HECO-Drive with positive fit
- Transfer of high tensile and compressive loads via the full thread
- Reduced edge and centre distances
- Approved and monitored product



The wood screw for connections and reinforcements in structural timberwork with high demands

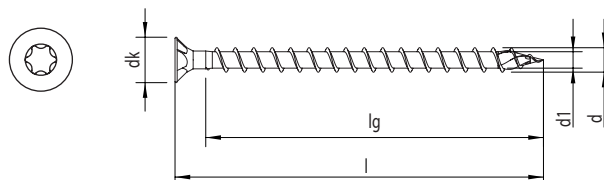
Countersunk head with milling grooves and HECO-Drive recess
for flush countersinking of the head in timber and steel connectors

Optimised full-threaded design up to the head
for transmission of high tensile and compressive loads



HECO-TOPIX®-tip with milling ribs
reduces the risk of splitting the wood during insertion

Type:	HECO-TOPIX Full threaded screw, countersunk head with milling grooves	
	full threaded	
Material:	steel, hardened	
Surface:	bright zinc plated, A2K	Color code HECO-Label
Recess:	T-Drive	



Size D x L [mm]	Article No.	Thread length [mm]	Head diameter [mm]	Recess	ETA	Packing unit [pcs.]	Pieces per outer carton [pcs.]	Pieces per pallet [pcs.]
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VARIANTA - BOXES FOR PROFESSIONALS

8,0	120	47577	112	14,8	T-40	•	100	400	33.600
	160	47579	152	14,8	T-40	•	100	400	25.600
	180	47581	172	14,8	T-40	•	100	400	19.200
	200	48069	192	14,8	T-40	•	100	400	25.600
	220	49248	212	14,8	T-40	•	50	200	12.800
	240	49250	232	14,8	T-40	•	50	200	12.800
	260	49252	252	14,8	T-40	•	50	200	9.600
	280	49254	272	14,8	T-40	•	50	200	9.600
	300	49256	292	14,8	T-40	•	50	200	9.600
	340	49638	332	14,8	T-40	•	50	200	9.600
	380	49640	372	14,8	T-40	•	50	200	6.400
10,0	120	47416	110	18,5	T-40	•	50	200	19.200
	160	47418	150	18,5	T-40	•	50	200	16.800
	200	49258	190	18,5	T-40	•	50	200	12.800
	220	49260	210	18,5	T-40	•	50	200	12.800
	240	49262	230	18,5	T-40	•	50	200	9.600
	260	49264	250	18,5	T-40	•	50	200	9.600
	280	49266	270	18,5	T-40	•	50	200	9.600
	300	49268	290	18,5	T-40	•	50	200	9.600
	340	49642	330	18,5	T-40	•	50	200	7.200
	380	49644	370	18,5	T-40	•	50	200	6.400



HECO-TOPIX®-Flange head

PRODUCT INFORMATION

- Higher load transmission due to the increased clamping surface of the head
- Fast and simple to use
- Calculation document via HECO® HCS or calculation service
- Approved and monitored product



The wood screw for professionals

Flange head

higher load transmission due to the increased clamping surface of the head



Shank ribs

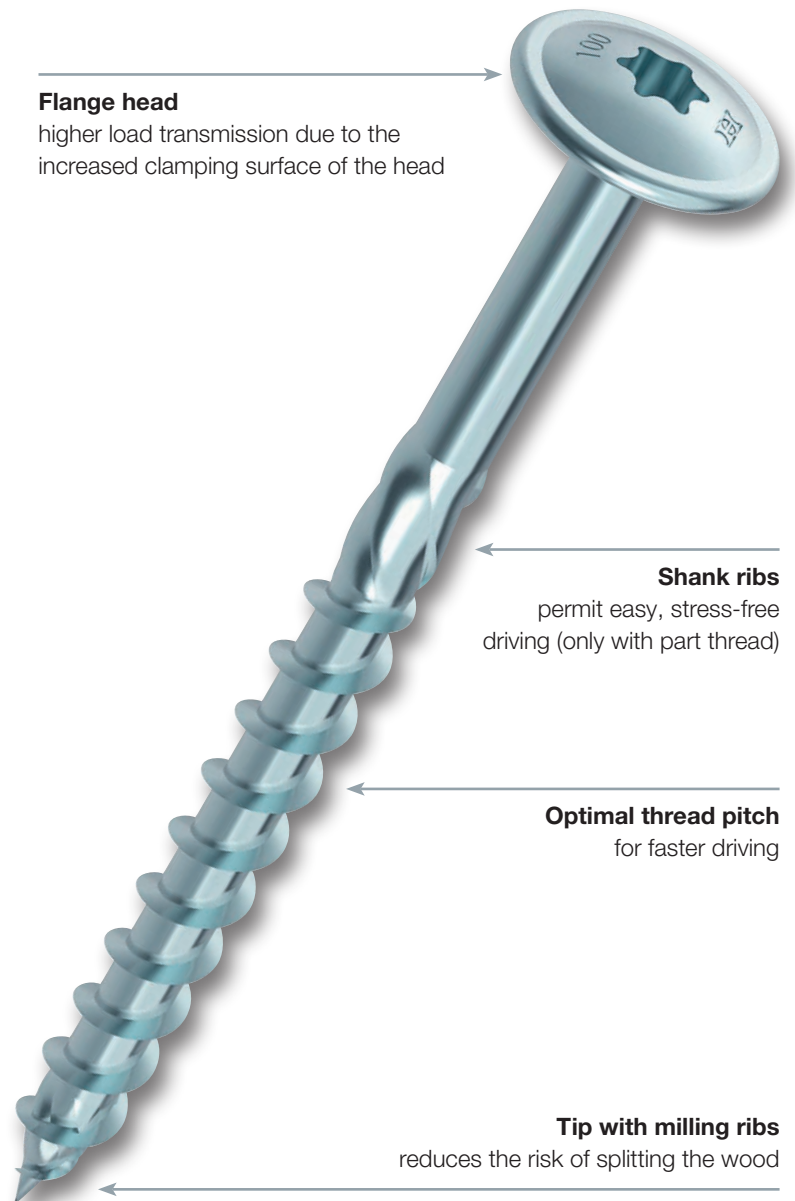
permit easy, stress-free driving (only with part thread)

Optimal thread pitch

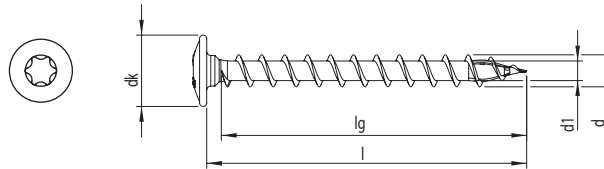
for faster driving

Tip with milling ribs

reduces the risk of splitting the wood



Type:	flange head	
	full threaded	
Material:	steel, hardened	
Surface:	bright zinc plated, A2K	Color code HECO-Label
Recess:	T-Drive	



Size D x L [mm]	Article No.	Thread length [mm]	Head diameter [mm]	Recess	ETA	Packing unit [pcs.]	Pieces per outer carton [pcs.]	Pieces per pallet [pcs.]
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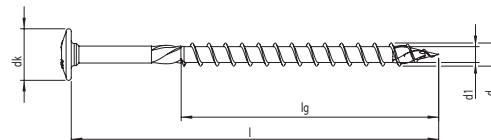
VARIANTA - BOXES FOR PROFESSIONALS

6,0	40	48169	33	14,0	T-25	•	200	2.000	96.000
	50	48171	43	14,0	T-25	•	200	2.000	96.000
	60	48173	53	14,0	T-25	•	200	2.000	96.000
	70	45419	60	14,0	T-25	•	100	1.000	48.000
	80	48177	70	14,0	T-25	•	100	1.000	48.000
8,0	80	48206	70	18,0	T-40	•	50	200	16.800
	100	48208	80	18,0	T-40	•	50	200	16.800
	120	48210	100	18,0	T-40	•	50	200	16.800
10,0	80	48240	70	22,5	T-40	•	50	200	16.800
	100	48242	90	22,5	T-40	•	50	200	16.800
	120	48244	100	22,5	T-40	•	50	200	16.800



Type:	flange head
	part threaded
Material:	steel, hardened
Surface:	bright zinc plated, A2K
Recess:	T-Drive

Color code
HECO-Label

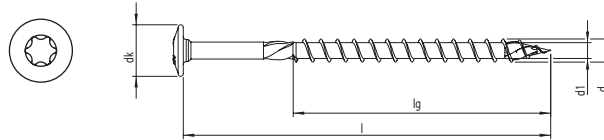


Size D x L [mm]	Article No.	Thread length [mm]	Head diameter [mm]	Recess	ETA	Packing unit [pcs.]	Pieces per outer carton [pcs.]	Pieces per pallet [pcs.]
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VARIANTA - BOXES FOR PROFESSIONALS

6,0	100	48179	70	14,0	T-25	•	100	1.000	48.000
	120	48181	70	14,0	T-25	•	100	1.000	48.000
	140	48183	70	14,0	T-25	•	100	800	38.400
	160	48185	70	14,0	T-25	•	100	400	25.600
	180	48187	70	14,0	T-25	•	100	400	25.600
	200	48189	70	14,0	T-25	•	100	400	25.600
	220	48191	70	14,0	T-25	•	100	400	25.600
	240	48193	70	14,0	T-25	•	100	400	25.600
	260	48195	70	14,0	T-25	•	100	400	19.200
	280	48197	70	14,0	T-25	•	100	400	19.200
	300	48199	70	14,0	T-25	•	100	400	19.200
8,0	140	48212	100	18,0	T-40	•	50	200	16.800
	160	48214	100	18,0	T-40	•	50	200	12.800
	180	48216	100	18,0	T-40	•	50	200	12.800
	200	48218	100	18,0	T-40	•	50	200	12.800
	220	48220	100	18,0	T-40	•	50	200	12.800
	240	48222	100	18,0	T-40	•	50	200	12.800
	260	48224	100	18,0	T-40	•	50	200	9.600
	280	48226	100	18,0	T-40	•	50	200	9.600
	300	48228	100	18,0	T-40	•	50	200	9.600
	320	48230	100	18,0	T-40	•	50	200	9.600
	340	48232	100	18,0	T-40	•	50	200	9.600
	360	48234	100	18,0	T-40	•	50	200	6.400
	380	48236	100	18,0	T-40	•	50	200	6.400
400	48238	100	18,0	T-40	•	50	200	6.400	

Type:	flange head	
	part threaded	
Material:	steel, hardened	
Surface:	bright zinc plated, A2K	Color code HECO-Label
Recess:	T-Drive	



Size D x L [mm]	Article No.	Thread length [mm]	Head diameter [mm]	Recess	ETA	Packing unit [pcs.]	Pieces per outer carton [pcs.]	Pieces per pallet [pcs.]
10,0	140 48246	100	22,5	T-40	•	50	200	16.800
	160 48248	100	22,5	T-40	•	50	200	12.800
	180 48250	100	22,5	T-40	•	50	200	12.800
	200 48252	100	22,5	T-40	•	50	200	12.800
	220 48254	100	22,5	T-40	•	50	200	12.800
	240 48256	100	22,5	T-40	•	50	200	9.600
	260 48258	100	22,5	T-40	•	50	200	9.600
	280 48260	100	22,5	T-40	•	50	200	9.600
	300 48262	100	22,5	T-40	•	50	200	9.600
	320 48264	100	22,5	T-40	•	50	200	9.600
	340 48266	100	22,5	T-40	•	50	200	7.200
	360 48268	100	22,5	T-40	•	50	200	6.400
	380 48270	100	22,5	T-40	•	50	200	6.400
	400 48272	100	22,5	T-40	•	50	200	6.400



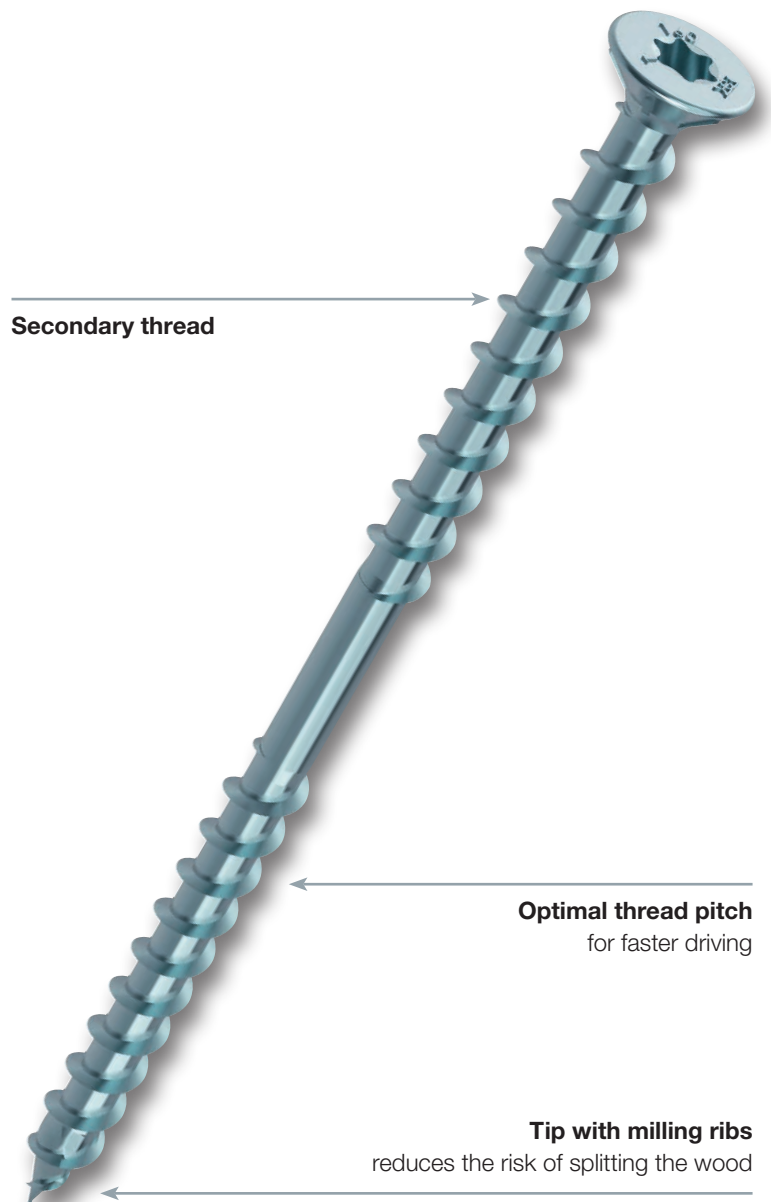
HECO-TOPIX®-Therm

PRODUCT INFORMATION

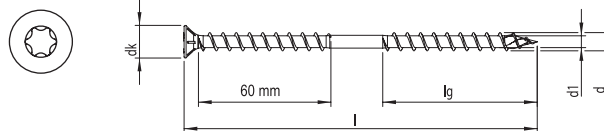
- Suitable for any type of insulation material
- Compressive loads are transferred directly into the rafters
- Just one screw length is required for the insulated roof area
- Calculation document via HECO® HCS or calculation service
- Approved and monitored product



The wood screw for on-rafter insulation using soft insulating materials



Type:	HECO-TOPIX-Therm, countersunk head	
	secondary thread	
Material:	steel, hardened	
Surface:	bright zinc plated, A2K	Color code HECO-Label
Recess:	T-Drive	



Size D x L [mm]	Article No.	Thread length [mm]	Head diameter [mm]	Recess	ETA	Packing unit [pcs.]	Pieces per outer carton [pcs.]	Pieces per pallet [pcs.]
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VARIANTA - BOXES FOR PROFESSIONALS

8,0	160	46971	70	14,8	T-40	•	50	200	19.200
	200	46842	100	14,8	T-40	•	50	200	12.800
	240	46843	100	14,8	T-40	•	50	200	12.800
	280	46844	100	14,8	T-40	•	50	200	9.600
	300	46845	100	14,8	T-40	•	50	200	9.600
	330	42194	100	14,8	T-40	•	50	200	9.600
	360	42196	100	14,8	T-40	•	50	200	6.400
	400	42198	100	14,8	T-40	•	50	200	6.400
	450	42200	100	14,8	T-40	•	50	200	6.400
	500	42202	100	14,8	T-40	•	50	200	6.400
10,0	260	45310	100	18,5	T-40	•	50	200	9.600
	300	45312	100	18,5	T-40	•	50	200	9.600
	340	45314	100	18,5	T-40	•	50	200	7.200
	380	45316	100	18,5	T-40	•	50	200	6.400
	420	46846	100	18,5	T-40	•	25	100	3.200
	460	46847	100	18,5	T-40	•	25	100	3.200

Setting tool for 45° and 60° insertion angles are on page 223



HECO-TOPIX®-CombiConnect

PRODUCT INFORMATION

- Transfer of high tensile and compressive loads via the double thread
- Pulls the components together during the screwing process
- For universal use in new constructions and restorations
- Fast handling due to optimised thread pitches
- Calculation document via HECO® HCS or calculation service
- Approved and monitored product



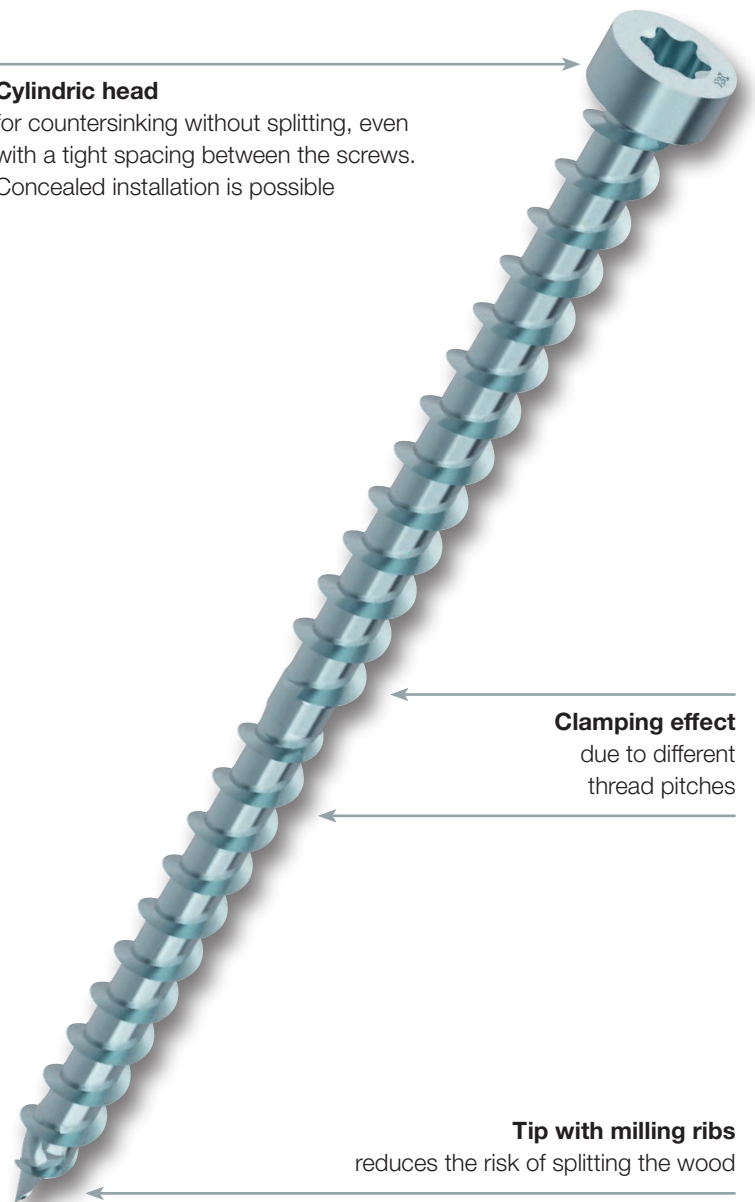
The pulling power screw for high loads

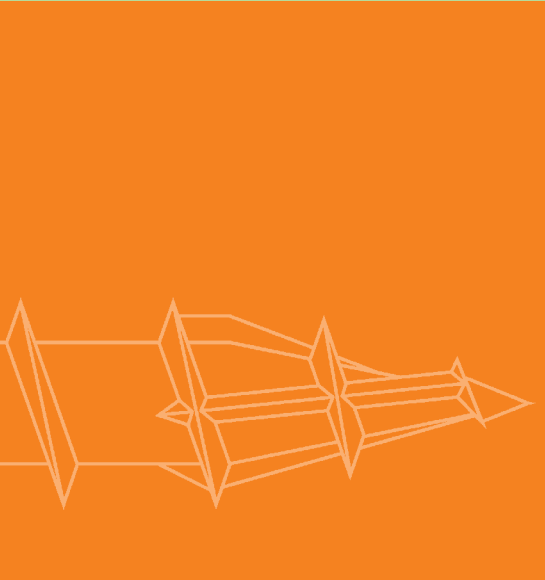
Cylindric head

for countersinking without splitting, even with a tight spacing between the screws. Concealed installation is possible

Clamping effect
due to different
thread pitches

Tip with milling ribs
reduces the risk of splitting the wood

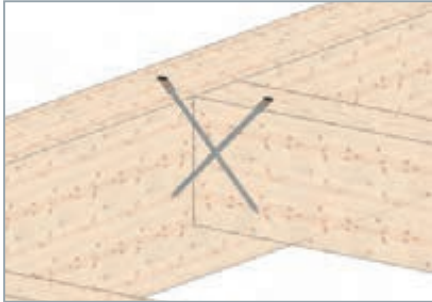




APPLICATION EXAMPLES



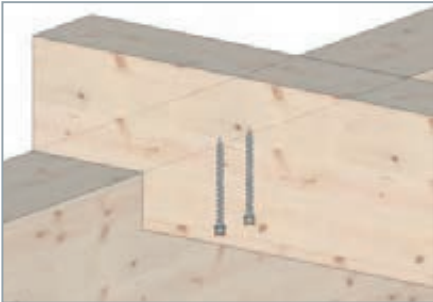
Reinforced beam



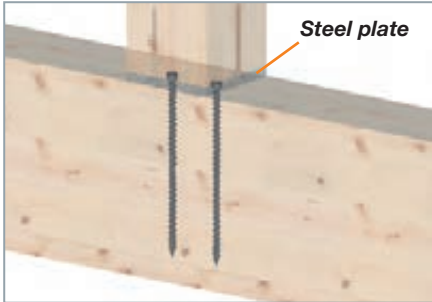
Transverse butt joints



Rafter-purlin joints



Reinforcement of cross sectional weak points

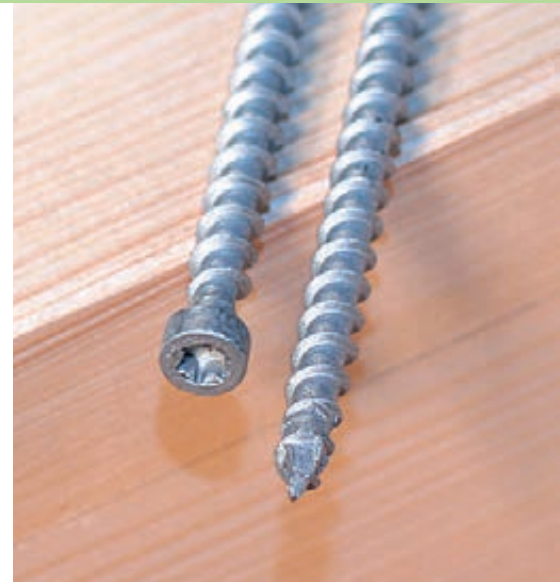


Steel plate

Transmission of considerable compressive forces



Penetrations



HECO-TOPIX®-CombiConnect

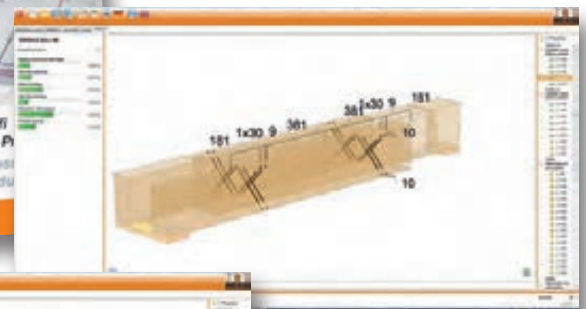
Simple planning and calculation of wood construction applications with HECO-TOPIX®-CC



HECO®-HCS Bemessungssoftware für den Profi
Einfache Planung und Bemessung von HECO®-Pi
HECO®-HCS Calculation software for the professional
Simple planning and calculation of HECO® products

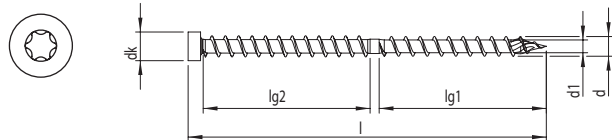
Calculation tools:

- Main beam to secondary beam connections
- Beam reinforcement
- Shear reinforcement in case of penetrations and notches
- Beam head restoration
- Support reinforcements
- Lateral joist reinforcement
- Wall connections, etc.



You will find the detailed description of the calculation software HCS on page 225 of this product catalogue.

Type:	HECO-TOPIX-CombiConnect, cylindric head	
	double thread	
Material:	steel, hardened	
Surface:	bright zinc plated, A2K	Color code HECO-Label
Recess:	T-Drive	



Size D x L [mm]	Article No.	Thread length [mm]	Head diameter [mm]	Recess	ETA	Packing unit [pcs.]	Pieces per outer carton [pcs.]	Pieces per pallet [pcs.]
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VARIANTA - BOXES FOR PROFESSIONALS									
6,5	100	48280	45	9,0	T-30	•	100	1.000	48.000
	130	48282	60	9,0	T-30	•	100	1.000	48.000
	150	48284	70	9,0	T-30	•	100	400	33.600
	190	48286	90	9,0	T-30	•	100	400	25.600
	215	48288	100	9,0	T-30	•	100	400	25.600
8,5	100	48290	45	12,0	T-40	•	100	400	33.600
	150	48292	70	12,0	T-40	•	100	400	25.600
	190	48294	90	12,0	T-40	•	100	400	19.200
	215	48296	100	12,0	T-40	•	50	200	12.800
	250	48298	110	12,0	T-40	•	50	200	12.800
	270	48300	122	12,0	T-40	•	50	200	9.600
	300	48302	138	12,0	T-40	•	50	200	9.600
	350	48304	158	12,0	T-40	•	50	200	6.400
400	48306	182	12,0	T-40	•	50	200	6.400	

Setting tool for 45° and 60° insertion angles are on page 223

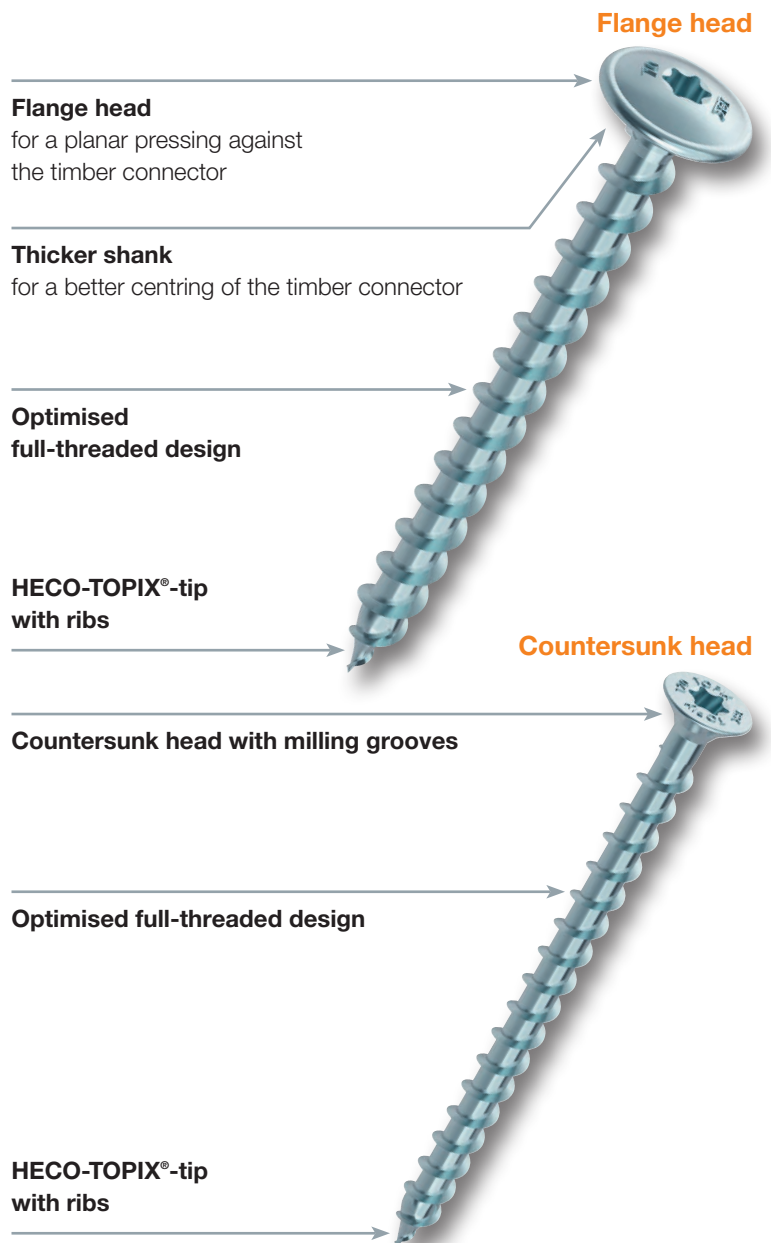


HECO-TOPIX® Connector screws

PRODUCT INFORMATION

- Perfectly adapted thread lengths for an optimal load transfer of the wood connector
- Reduced edge and centre distances
- Component of the Pitzl Calculation Software
- Countersunk head with milling grooves; no damage to the fitting surface
- Various full threaded applications are possible
- Support reinforcements

for wood connectors



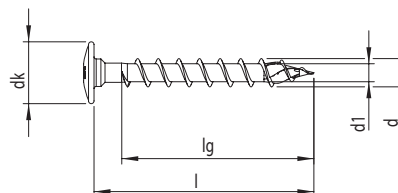
Type: connector screw, flange head
full threaded

Material: steel, hardened

Surface: bright zinc plated, A2K

Color code
HECO-Label

Recess: T-Drive



Size D x L [mm]	Article No.	Thread length [mm]	Head diameter [mm]	Recess	ETA	Packing unit [pcs.]	Pieces per outer carton [pcs.]	Pieces per pallet [pcs.]
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VARIANTA - BOXES FOR PROFESSIONALS

10,0	120	47745	110	22,5	T-40	•	50	200	19.200
	160	47575	150	22,5	T-40	•	50	200	12.800

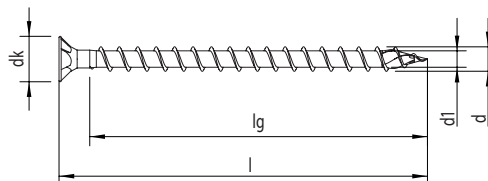
Type: connector screw, countersunk head with milling grooves
full threaded

Material: steel, hardened

Surface: bright zinc plated, A2K

Color code
HECO-Label

Recess: T-Drive



Size D x L [mm]	Article No.	Thread length [mm]	Head diameter [mm]	Recess	ETA	Packing unit [pcs.]	Pieces per outer carton [pcs.]	Pieces per pallet [pcs.]
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VARIANTA - BOXES FOR PROFESSIONALS

8,0	120	47577	112	14,8	T-40	•	100	400	33.600
	160	47579	152	14,8	T-40	•	100	400	25.600
	180	47581	172	14,8	T-40	•	100	400	19.200
10,0	120	47416	110	18,5	T-40	•	50	200	19.200
	160	47418	150	18,5	T-40	•	50	200	16.800

Setting tool for 45° and 60° insertion angles are on page 223



HECO-TOPIX® post screws

PRODUCT INFORMATION

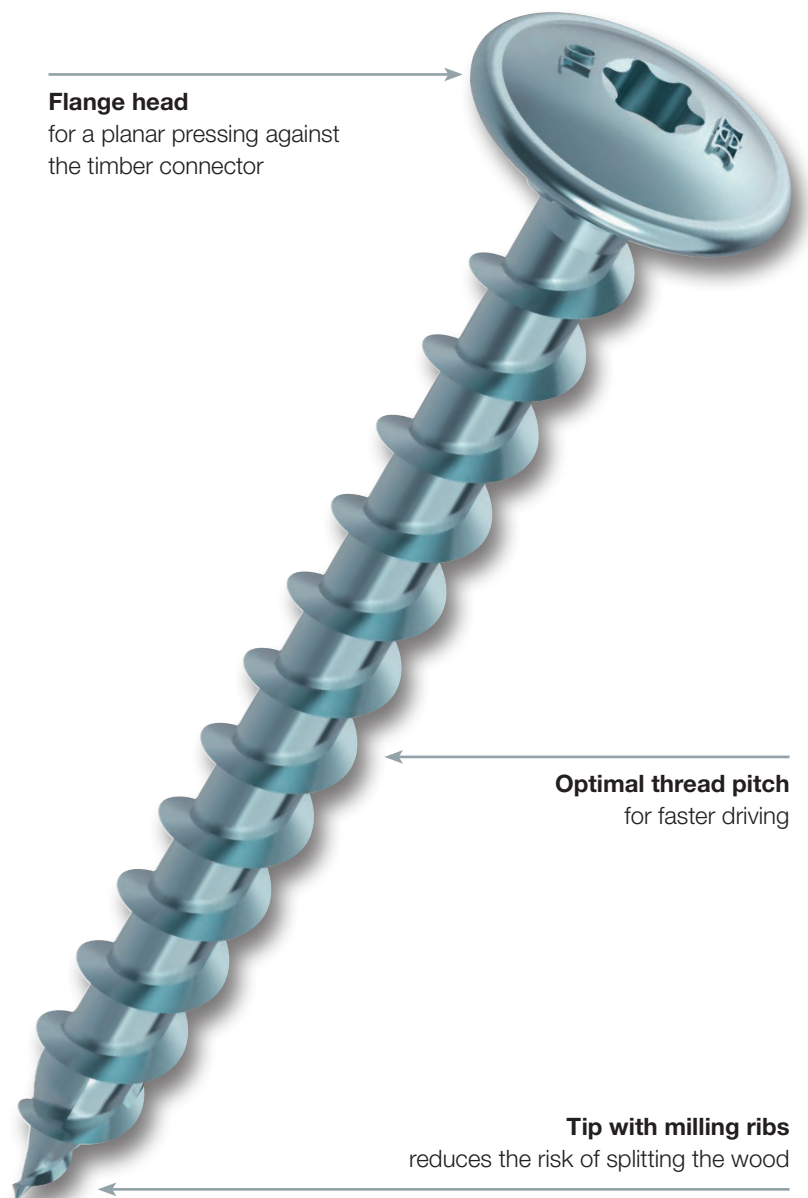
- For fastening of timber posts on to steel base plates, post supporters and rammed base studs.
- Fastening of additional means of construction like props or steel braces.
- Flange head screw with reinforced shaft under the head. Better centering and flat pressing of the head on to fixture
- Range of various diameters for different sizes of predrilled holes.
- Quick mounting without predrilling
- High-Protect coating (HP) against corrosion (prevention of red rust for more than 800h under salt spray testing according to DIN EN ISO 9227 NSS / DIN 50021 SS)
- CE-approved for usage in classes 1 and 2



for wood connectors

Flange head

for a planar pressing against the timber connector

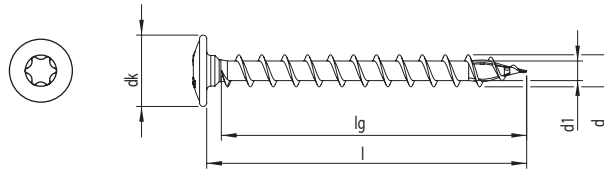


Optimal thread pitch for faster driving

Tip with milling ribs reduces the risk of splitting the wood



Type:	post screw, flange head
	full threaded
Material:	steel, hardened
Surface:	HP-coated
	Color code HECO-Label
Recess:	T-Drive



Size D x L [mm]	Article No.	Thread length [mm]	Head diameter [mm]	Recess	ETA	Packing unit [pcs.]	Pieces per outer carton [pcs.]	Pieces per pallet [pcs.]
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VARIANTA - BOXES FOR PROFESSIONALS

6,0	40	48728	33	14,0	T-25	•	200	2.000	96.000
	50	48730	43	14,0	T-25	•	200	2.000	96.000
	60	48732	53	14,0	T-25	•	200	2.000	96.000
8,0	40	48734	35	18,0	T-40	•	100	400	33.600
	50	48736	45	18,0	T-40	•	100	400	33.600
	60	48738	50	18,0	T-40	•	100	400	33.600

HECO-TOPIX®-flange head stainless steel screws in A2 quality can be found on page 156



HECO-TOPIX® Glass strip and fitting screws

PRODUCT INFORMATION

Glass strip screw

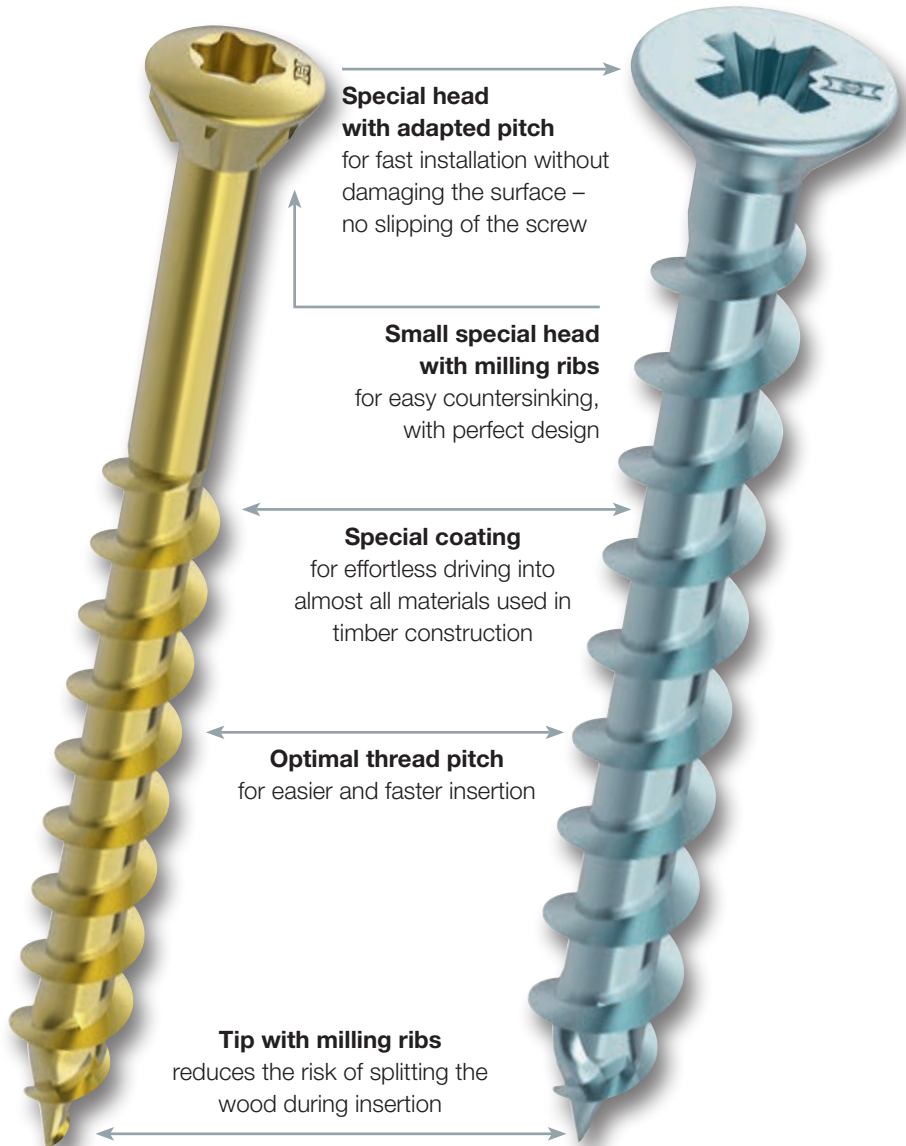
- Multifunctional use in floor board and glazing beads
- Reduced spreading effect due to the HECO-TOPIX® tip
- Optimal thread pitch for fast driving with minimal driving torque
- Small special head with milling ribs for easy and neat countersinking
- Suitable for almost all materials used in timber construction
- No predrilling required
- The small, slightly raised countersunk head design gives an attractive finishing touch

Fitting screw

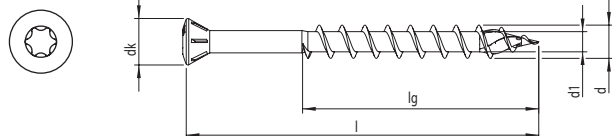
- No damage to the fitting
- No slipping of the screw
- Higher load bearing capacities for doors according to DIN 18101
- HECO-TOPIX® tip reduces the risk of splitting, even in thinnest materials
- Special coating for minimal driving torques
- Universal applications in many types of wood
- No wobbling of the screw due to a special centred load transfer

Glass strip screw

Fitting screw



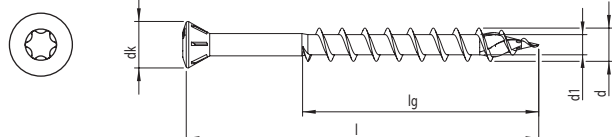
Type:	glass strip screw, raised countersunk head with milling ribs
	part threaded
Material:	steel, hardened
Surface:	bright zinc plated, A2K Color code HECO-Label
Recess:	T-Drive



Size D x L [mm]	Article No.	Thread length [mm]	Head diameter [mm]	Recess	ETA	Packing unit [pcs.]	Pieces per outer carton [pcs.]	Pieces per pallet [pcs.]
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VARIANTA - BOXES FOR PROFESSIONALS								
3,5	30	41491	21	5,3	T-10	1.000	10.000	480.000
	35	41494	24	5,3	T-10	1.000	10.000	480.000
	40	41496	27	5,3	T-10	500	5.000	240.000
	50	42484	27	5,3	T-10	500	5.000	240.000
	60	42486	27	5,3	T-10	200	2.000	96.000

Type:	glass strip screw, raised countersunk head with milling ribs
	part threaded
Material:	steel, hardened
Surface:	yellow zinc plated, A2L Color code HECO-Label
Recess:	T-Drive



Size D x L [mm]	Article No.	Thread length [mm]	Head diameter [mm]	Recess	ETA	Packing unit [pcs.]	Pieces per outer carton [pcs.]	Pieces per pallet [pcs.]
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VARIANTA - BOXES FOR PROFESSIONALS								
3,5	30	41482	21	5,3	T-10	1.000	10.000	480.000
	35	41484	24	5,3	T-10	1.000	10.000	480.000
	40	37291	27	5,3	T-10	500	5.000	240.000



Type: fitting screw, countersunk head

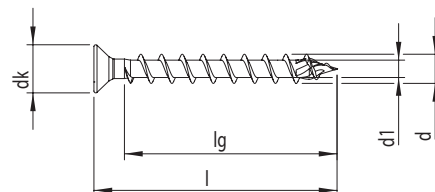
full threaded

Material: steel, hardened

Surface: bright zinc plated, A2K

Color code
HECO-Label

Recess: PZD



Size D x L [mm]	Article No.	Thread length [mm]	Head diameter [mm]	Recess	ETA	Packing unit [pcs.]	Pieces per outer carton [pcs.]	Pieces per pallet [pcs.]
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VARIANTA - BOXES FOR PROFESSIONALS

4,5	40	40964	35	7,9	PZD-2	500	5.000	240.000
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HECO-TOPIX® Stainless steel



PRODUCT INFORMATION

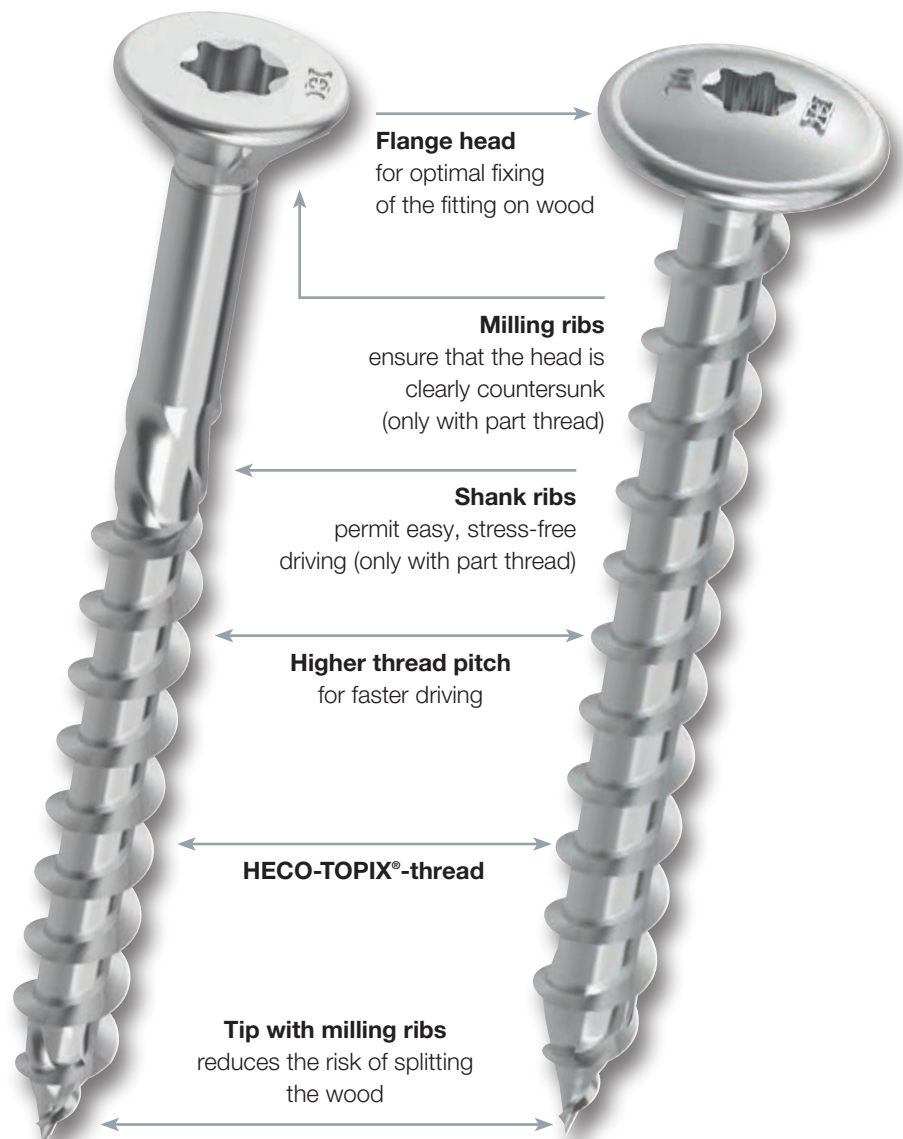
- Stainless steel A2 1.4567
- Corrosion resistance class II
- Used for applications of utility class 3, outdoor (Eurocode 5)
- Revolutionary tip and shank design
- Reduced risk of splitting the wood
- Faster driving
- Lower driving torque
- High cost effectiveness
- Approved and monitored product



The wood screw for outdoor areas

Countersunk head

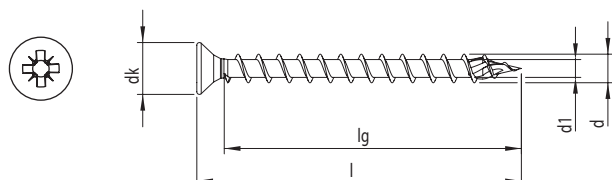
Flange head



Type:	countersunk head
	full threaded
Material:	stainless steel A2 1.4567
Surface:	self-colour, coated
Recess:	PZD



Color code
HECO-Label



Size D x L [mm]	Article No.	Thread length [mm]	Head diameter [mm]	Recess	ETA	Packing unit [pcs.]	Pieces per outer carton [pcs.]	Pieces per pallet [pcs.]
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SKV - SMALL BOXES

3,5	20	38230	16	6,9	PZD-2	•	200	4.800	633.600
	25	38231	21	6,9	PZD-2	•	200	4.800	403.200
	30	38232	26	6,9	PZD-2	•	200	4.800	403.200
	35	38233	31	6,9	PZD-2	•	200	4.000	288.000
	40	38234	36	6,9	PZD-2	•	200	4.000	288.000
4,0	25	38236	20	7,9	PZD-2	•	200	4.800	403.200
	30	38237	25	7,9	PZD-2	•	200	4.800	403.200
	35	38238	30	7,9	PZD-2	•	200	4.000	288.000
	40	38239	35	7,9	PZD-2	•	200	4.000	288.000
	45	38240	40	7,9	PZD-2	•	200	4.000	192.000
50	38241	45	7,9	PZD-2	•	200	4.000	192.000	

VARIANTA - BOXES FOR PROFESSIONALS

4,0	60	40230	54	7,9	PZD-2	•	200	2.000	96.000
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SKV - SMALL BOXES

4,5	30	38244	25	8,9	PZD-2	•	200	4.000	288.000
	35	38245	30	8,9	PZD-2	•	200	4.000	288.000
	40	38297	35	8,9	PZD-2	•	200	4.000	192.000
	45	38296	40	8,9	PZD-2	•	200	4.000	192.000

VARIANTA - BOXES FOR PROFESSIONALS

4,5	50	38248	45	8,9	PZD-2	•	200	2.000	96.000
	60	40405	54	8,9	PZD-2	•	200	2.000	96.000

SKV - SMALL BOXES

5,0	30	38250	24	9,6	PZD-2	•	200	4.000	288.000
	40	38251	34	9,6	PZD-2	•	200	4.000	192.000



Type: countersunk head

full threaded

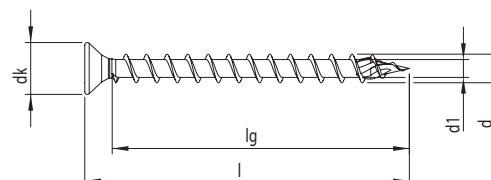
Material: stainless steel A2 1.4567



Surface: self-colour, coated

Color code
HECO-Label

Recess: PZD



Size D x L [mm]	Article No.	Thread length [mm]	Head diameter [mm]	Recess	ETA	Packing unit [pcs.]	Pieces per outer carton [pcs.]	Pieces per pallet [pcs.]
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VARIANTA - BOXES FOR PROFESSIONALS

5,0	50	38253	44	9,6	PZD-2	•	200	2.000	96.000
	60	38254	54	9,6	PZD-2	•	200	2.000	96.000
	70	38255	60	9,6	PZD-2	•	200	2.000	96.000

Type: countersunk head with milling ribs
part threaded

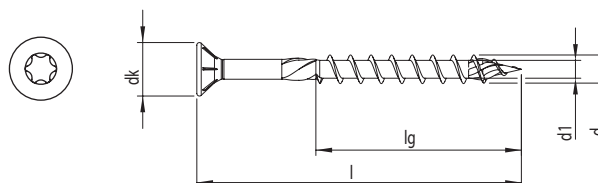
Material: stainless steel A2 1.4567



Surface: self-colour, coated

Color code
HECO-Label

Recess: T-Drive



Size D x L [mm]	Article No.	Thread length [mm]	Head diameter [mm]	Recess	ETA	Packing unit [pcs.]	Pieces per outer carton [pcs.]	Pieces per pallet [pcs.]
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SKV - SMALL BOXES

3,5	30	38168	18	6,9	T-15	•	200	4.800	403.200
	35	40222	21	6,9	T-15	•	200	4.000	288.000
	40	38171	24	6,9	T-15	•	200	4.000	288.000
	45	40224	27	6,9	T-15	•	200	4.000	288.000
	50	40226	31	6,9	T-15	•	200	4.000	192.000
4,0	30	40232	20	7,9	T-15	•	200	4.800	403.200
	35	40234	20	7,9	T-15	•	200	4.000	288.000
	40	40227	25	7,9	T-15	•	200	4.000	288.000
	45	38343	25	7,9	T-15	•	200	4.000	192.000
	50	38174	30	7,9	T-15	•	200	4.000	192.000

VARIANTA - BOXES FOR PROFESSIONALS

4,0	60	40228	35	7,9	T-15	•	200	2.000	96.000
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SKV - SMALL BOXES

4,5	35	40241	20	8,9	T-25	•	200	4.000	288.000
	40	40243	25	8,9	T-25	•	200	4.000	192.000
	45	40235	25	8,9	T-25	•	200	4.000	192.000

VARIANTA - BOXES FOR PROFESSIONALS

4,5	50	40236	30	8,9	T-25	•	200	2.000	96.000
	60	38180	35	8,9	T-25	•	200	2.000	96.000
	70	40237	40	8,9	T-25	•	200	2.000	96.000
	80	40239	50	8,9	T-25	•	200	2.000	96.000

SKV - SMALL BOXES

5,0	35	40247	20	9,6	T-25	•	200	4.000	240.000
	40	40249	23	9,6	T-25	•	200	4.000	192.000

Screws with a diameter of 3,5 have no shank ribs



Type: countersunk head with milling ribs

part threaded

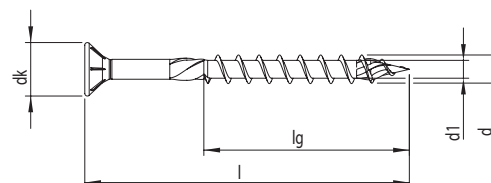
Material: stainless steel A2 1.4567



Surface: self-colour, coated

Color code
HECO-Label

Recess: T-Drive



Size D x L [mm]	Article No.	Thread length [mm]	Head diameter [mm]	Recess	ETA	Packing unit [pcs.]	Pieces per outer carton [pcs.]	Pieces per pallet [pcs.]
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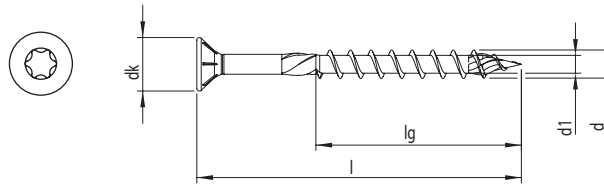
VARIANTA - BOXES FOR PROFESSIONALS

5,0	45	40251	28	9,6	T-25	•	200	2.000	96.000
	50	39986	28	9,6	T-25	•	200	2.000	96.000
	60	39987	38	9,6	T-25	•	200	2.000	96.000
	70	39988	42	9,6	T-25	•	200	2.000	96.000
	80	39989	47	9,6	T-25	•	200	2.000	96.000
	90	40253	55	9,6	T-25	•	200	2.000	96.000
	100	48842	60	9,6	T-25	•	100	1.000	48.000
6,0	50	40396	30	11,6	T-25	•	200	2.000	96.000
	60	40256	35	11,6	T-25	•	200	2.000	96.000
	70	40368	40	11,6	T-25	•	200	2.000	96.000
	80	44125	63	11,6	T-25	•	100	1.000	48.000
	90	40371	55	11,6	T-25	•	100	1.000	48.000
	100	40372	60	11,6	T-25	•	100	1.000	48.000
	110	40374	60	11,6	T-25	•	100	1.000	48.000
	120	40376	60	11,6	T-25	•	100	1.000	48.000
	140	40378	60	11,6	T-25	•	100	1.000	48.000
	160	40380	60	11,6	T-25	•	100	800	38.400

Type:	countersunk head with milling ribs
	part threaded
Material:	stainless steel A2 1.4567
Surface:	self-colour, coated
Recess:	T-Drive



Color code
HECO-Label



Size D x L [mm]	Article No.	Thread length [mm]	Head diameter [mm]	Recess	ETA	Packing unit [pcs.]	Pieces per outer carton [pcs.]	Pieces per pallet [pcs.]	
8,0	80	41863	60	14,8	T-40	•	100	400	38.400
	100	41865	60	14,8	T-40	•	100	400	38.400
	120	41867	70	14,8	T-40	•	100	400	33.600
	140	41869	70	14,8	T-40	•	100	400	38.400
	160	41871	100	14,8	T-40	•	100	400	25.600
	180	41873	100	14,8	T-40	•	100	400	25.600
	200	41875	100	14,8	T-40	•	100	400	19.200
	220	46852	100	14,8	T-40	•	50	200	12.800
	240	46853	100	14,8	T-40	•	50	200	12.800
	260	46854	100	14,8	T-40	•	50	200	9.600
	280	46856	100	14,8	T-40	•	50	200	9.600
	300	46857	100	14,8	T-40	•	50	200	9.600
	320	41887	100	14,8	T-40	•	50	200	9.600
	340	41889	100	14,8	T-40	•	50	200	9.600
	360	41891	100	14,8	T-40	•	50	200	6.400
	380	41893	100	14,8	T-40	•	50	200	6.400
400	41895	100	14,8	T-40	•	50	200	6.400	



Type: flange head

full threaded

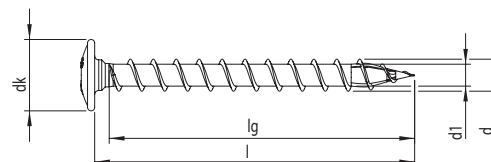
Material: stainless steel A2 1.4567



Surface: self-colour, coated

Color code
HECO-Label

Recess: T-Drive



Size D x L [mm]	Article No.	Thread length [mm]	Head diameter [mm]	Recess	ETA	Packing unit [pcs.]	Pieces per outer carton [pcs.]	Pieces per pallet [pcs.]
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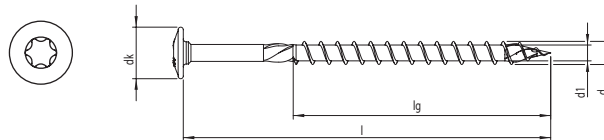
VARIANTA - BOXES FOR PROFESSIONALS

6,0	40	48746	33	14,0	T-25	•	200	2.000	96.000
	50	48752	43	14,0	T-25	•	200	2.000	96.000
	60	48754	53	14,0	T-25	•	200	2.000	96.000
	70	48756	60	14,0	T-25	•	100	1.000	48.000
	80	46987	70	14,0	T-25	•	100	1.000	48.000
8,0	40	46888	35	18,0	T-40	•	50	200	19.200
	50	46889	45	18,0	T-40	•	50	200	19.200
	60	46890	50	18,0	T-40	•	50	200	19.200
	80	46848	70	18,0	T-40	•	50	200	19.200
	100	46849	80	18,0	T-40	•	50	200	19.200
	120	46851	100	18,0	T-40	•	50	200	19.200

Type:	flange head part threaded
Material:	stainless steel A2 1.4567
Surface:	self-colour, coated
Recess:	T-Drive



Color code
HECO-Label



Size D x L [mm]	Article No.	Thread length [mm]	Head diameter [mm]	Recess	ETA	Packing unit [pcs.]	Pieces per outer carton [pcs.]	Pieces per pallet [pcs.]
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VARIANTA - BOXES FOR PROFESSIONALS

6,0	100	44573	70	14,0	T-25	•	100	1.000	48.000
	120	48758	70	14,0	T-25	•	100	1.000	48.000
8,0	140	46891	100	18,0	T-40	•	50	200	19.200
	160	46892	100	18,0	T-40	•	50	200	12.800
	180	46893	100	18,0	T-40	•	50	200	12.800
	200	46894	100	18,0	T-40	•	50	200	12.800
	220	46895	100	18,0	T-40	•	50	200	12.800
	240	46896	100	18,0	T-40	•	50	200	12.800
	260	46897	100	18,0	T-40	•	50	200	9.600
	280	46898	100	18,0	T-40	•	50	200	9.600
	300	44973	100	18,0	T-40	•	50	200	9.600



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HECO-TOPIX®-T Solar



PRODUCT INFORMATION

- For mounting solar brackets on on-rafter insulated roofs
- Secondary thread fixes the counter batten
- Flange head for optimal fixing of the fitting on wood
- Stainless steel A2, material no. 1.4567
- Approved and monitored product



The wood screw for mounting of solar systems on roofs with on-rafter insulation

Flange head

for optimal fixing of the fitting on wood

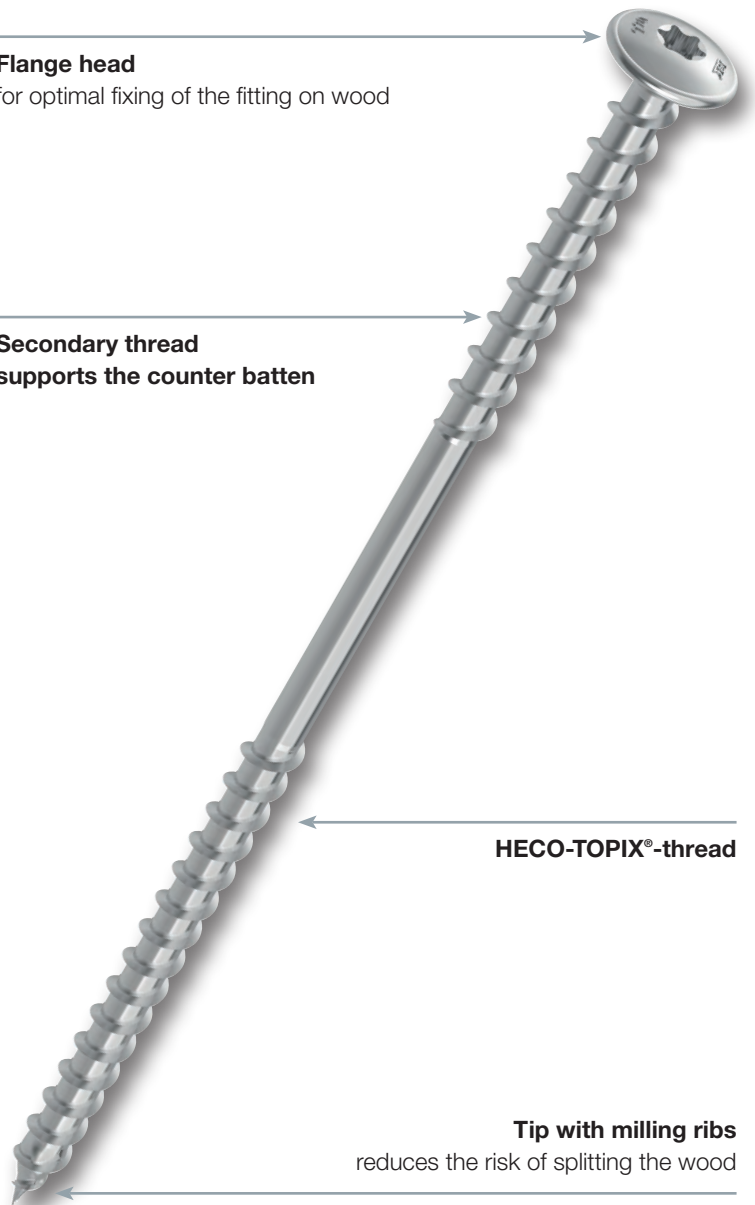
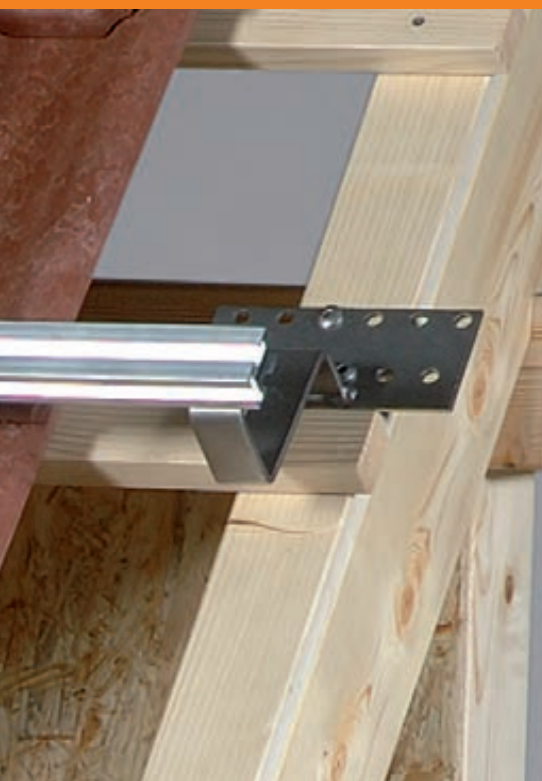
Secondary thread

supports the counter batten

HECO-TOPIX®-thread

Tip with milling ribs

reduces the risk of splitting the wood



Type: HECO-TOPIX-T Solar, flange head
secondary thread

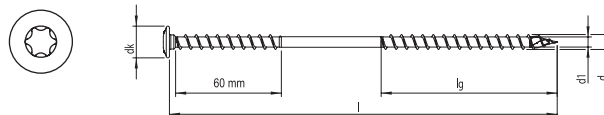
Material: stainless steel A2 1.4567



Surface: self-colour, coated

Color code
HECO-Label

Recess: T-Drive



Size D x L [mm]	Article No.	Thread length [mm]	Head diameter [mm]	Recess	ETA	Packing unit [pcs.]	Pieces per outer carton [pcs.]	Pieces per pallet [pcs.]
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VARIANTA - BOXES FOR PROFESSIONALS

8,0	240	45672	100	18,0	T-40	•	50	200	12.800
	300	44882	100	18,0	T-40	•	50	200	9.600
	360	45674	100	18,0	T-40	•	50	200	6.400



HECO-TOPIX® Glass strip and fitting screws



PRODUCT INFORMATION

Glass strip screw

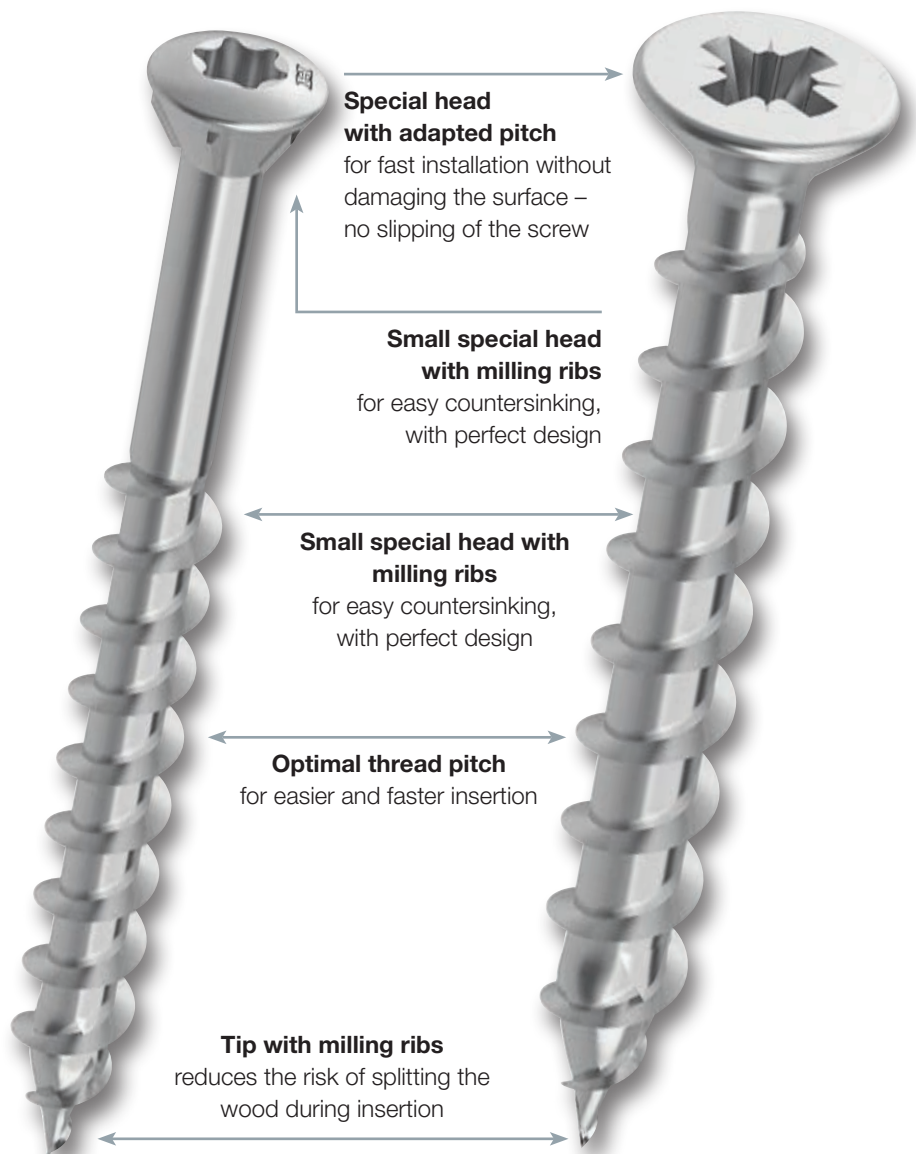
- Multifunctional use in floor board and glazing beads
- Reduced spreading effect due to the HECO-TOPIX® tip
- Optimal thread pitch for fast driving with minimal driving torque
- Small special head with milling ribs for easy and neat countersinking
- Suitable for almost all materials used in timber construction
- No predrilling required
- The small, slightly raised countersunk head design gives an attractive finishing touch

Fitting screw

- No damage to the fitting
- No slipping of the screw
- Higher load bearing capacities for doors according to DIN 18101
- HECO-TOPIX® tip reduces the risk of splitting, even in thinnest materials
- Special coating for minimal driving torques
- Universal applications in many types of wood
- No wobbling of the screw due to a special centred load transfer

Glass strip screw

Fitting screw



Type: glass strip screw, raised countersunk head with milling ribs
part threaded

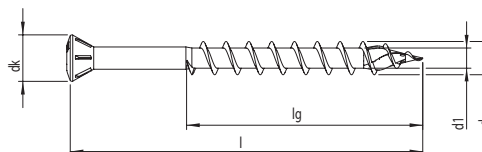
Material: stainless steel A2 1.4567



Surface: self-colour, coated

Color code
HECO-Label

Recess: T-Drive



Size D x L [mm]	Article No.	Thread length [mm]	Head diameter [mm]	Recess	ETA	Packing unit [pcs.]	Pieces per outer carton [pcs.]	Pieces per pallet [pcs.]
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SKV - SMALL BOXES

3,5	40	41532	27	5,3	T-10	200	4.000	288.000
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Type: fitting screw, countersunk head
full threaded

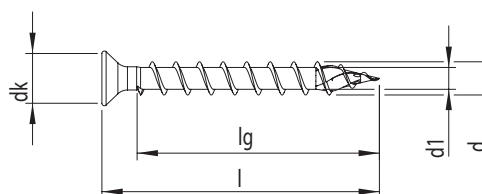
Material: stainless steel A2 1.4567



Surface: self-colour, coated

Color code
HECO-Label

Recess: PZD



Size D x L [mm]	Article No.	Thread length [mm]	Head diameter [mm]	Recess	ETA	Packing unit [pcs.]	Pieces per outer carton [pcs.]	Pieces per pallet [pcs.]
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VARIANTA - BOXES FOR PROFESSIONALS

4,5	40	41534	34	7,9	PZD-2	500	5.000	240.000
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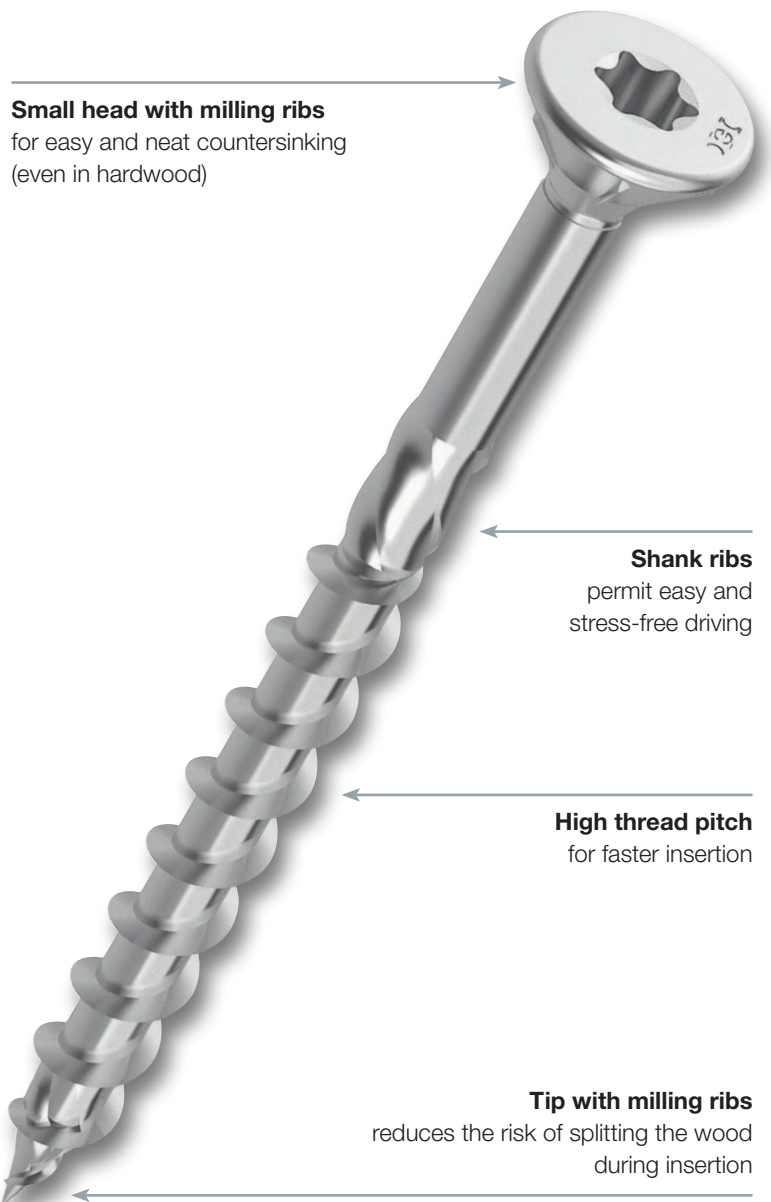
HECO-TOPIX® Decking screws

PRODUCT INFORMATION

Decking screw with countersunk head

- Reduced spreading effect thanks to the HECO-TOPIX® thread
- Small head with milling ribs for easy and neat countersinking
- T-25 drive for optimal power transfer
- Special coating for lower driving torques
- Can be used in hardwood (predrilling recommended)
- Reduces friction of the screw shaft
- Stainless steel A2 and A4 for outdoor construction work

The standard decking screw with part thread



Small head with milling ribs
for easy and neat countersinking
(even in hardwood)

Shank ribs
permit easy and stress-free driving

High thread pitch
for faster insertion

Tip with milling ribs
reduces the risk of splitting the wood
during insertion



Type: decking screw, countersunk head with milling ribs
part threaded

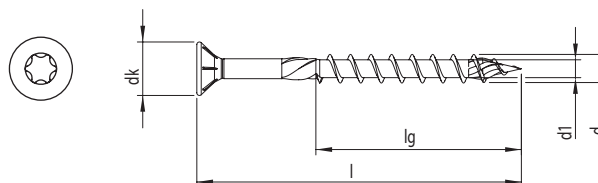
Material: stainless steel A2 1.4567



Surface: self-colour, coated

Color code
HECO-Label

Recess: T-Drive



Size D x L [mm]	Article No.	Thread length [mm]	Head diameter [mm]	Recess	ETA	Packing unit [pcs.]	Pieces per outer carton [pcs.]	Pieces per pallet [pcs.]
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PLASTIC BOXES

5,0	50	47255	28	8,5	T-25	500	2.000	100.000
	60	47256	38	8,5	T-25	350	1.400	70.000
	70	47257	42	8,5	T-25	350	1.400	70.000
	80	47258	47	8,5	T-25	350	1.400	70.000

VARIANTA - BOXES FOR PROFESSIONALS

5,0	40	40818	23	8,5	T-25	200	2.000	96.000
	45	41197	28	8,5	T-25	200	2.000	96.000
	50	40801	28	8,5	T-25	200	2.000	96.000
	60	40799	38	8,5	T-25	200	2.000	96.000
	70	40797	42	8,5	T-25	200	2.000	96.000
	80	40794	47	8,5	T-25	200	2.000	96.000

Material: stainless steel A4 1.4578



Surface: self-colour, coated

Color code
HECO-Label

Size D x L [mm]	Article No.	Thread length [mm]	Head diameter [mm]	Recess	ETA	Packing unit [pcs.]	Pieces per outer carton [pcs.]	Pieces per pallet [pcs.]
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VARIANTA - BOXES FOR PROFESSIONALS

5,0	40	47201	23	8,5	T-25	200	2.000	96.000
	50	47203	28	8,5	T-25	200	2.000	96.000
	60	47205	38	8,5	T-25	200	2.000	96.000
	70	47207	42	8,5	T-25	200	2.000	96.000
	80	47209	47	8,5	T-25	200	2.000	96.000

You will find the corresponding decking board drill on page 221

Plastic box: minimum order quantity 1 outer carton



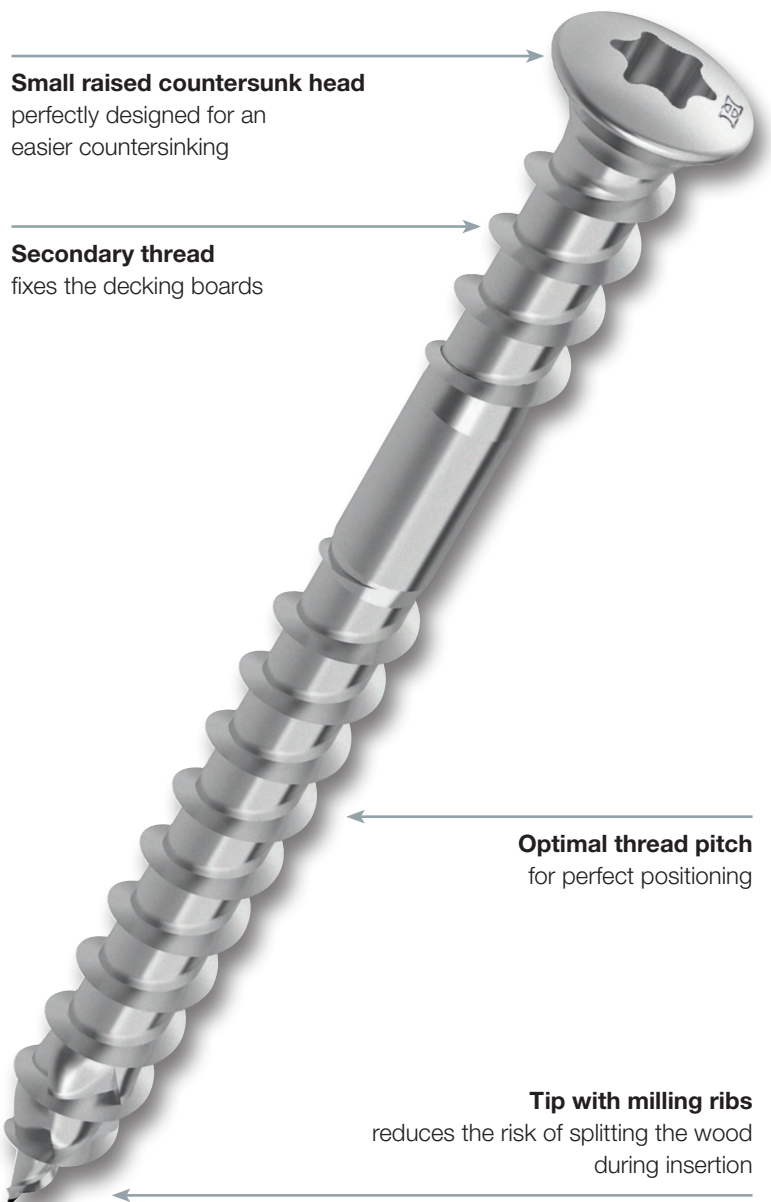
HECO-TOPIX® Decking screws

PRODUCT INFORMATION

Decking screw with secondary thread

- Reduced spreading effect due to the HECO-TOPIX® thread
- Can be used in hardwood (predrilling recommended)
- Special coating for lower driving torques and an easy dismantling
- T-Drive recess for an optimal load transfer during insertion
- Secondary thread fixes the decking boards and avoids creaking
- Stainless steel A2 and A4 for outdoor construction work

The professional decking screw with secondary thread



Small raised countersunk head
perfectly designed for an easier countersinking

Secondary thread
fixes the decking boards

Optimal thread pitch
for perfect positioning

Tip with milling ribs
reduces the risk of splitting the wood during insertion



Type: decking screw, raised countersunk head
secondary thread

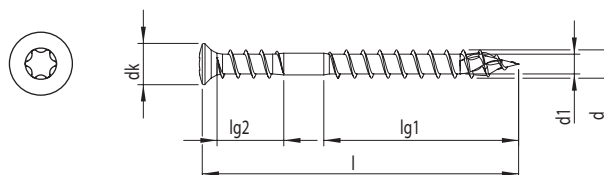
Material: stainless steel A2 1.4567



Surface: self-colour, coated

Color code
HECO-Label

Recess: T-Drive



Size D x L [mm]	Article No.	Thread length [mm]	Head diameter [mm]	Recess	ETA	Packing unit [pcs.]	Pieces per outer carton [pcs.]	Pieces per pallet [pcs.]
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PLASTIC BOXES

5,0	50	49156	25	7,0	T-20	500	2.000	100.000
	60	49159	35	7,0	T-20	350	1.400	70.000
	70	49162	40	7,0	T-20	350	1.400	70.000
	80	49165	40	7,0	T-20	350	1.400	70.000

VARIANTA - BOXES FOR PROFESSIONALS

5,0	40	49152	16	7,0	T-20	200	2.000	96.000
	50	49155	25	7,0	T-20	200	2.000	96.000
	60	49158	35	7,0	T-20	200	2.000	96.000
	70	49161	40	7,0	T-20	200	2.000	96.000
	80	49164	40	7,0	T-20	200	2.000	96.000

Material: stainless steel A4 1.4578



Surface: self-colour, coated

Color code
HECO-Label

Size D x L [mm]	Article No.	Thread length [mm]	Head diameter [mm]	Recess	ETA	Packing unit [pcs.]	Pieces per outer carton [pcs.]	Pieces per pallet [pcs.]
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VARIANTA - BOXES FOR PROFESSIONALS

5,0	40	49167	16	7,0	T-20	200	2.000	96.000
	50	49169	25	7,0	T-20	200	2.000	96.000
	60	49171	35	7,0	T-20	200	2.000	96.000
	70	49173	40	7,0	T-20	200	2.000	96.000
	80	49175	40	7,0	T-20	200	2.000	96.000

You will find the corresponding decking board drill on page 221

Plastic box: minimum order quantity 1 outer carton

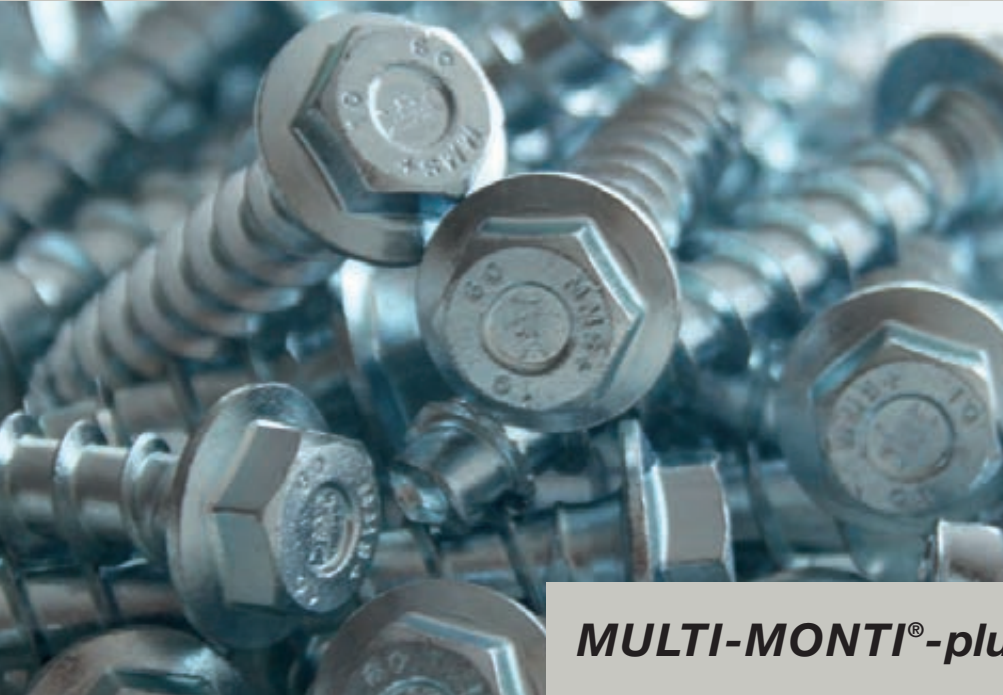


MULTI-MONTI[®]-plus

THE NEW MULTI-MONTI WITH THE BIG PLUS



MMS-plus



MULTI-MONTI®-plus

PRODUCT INFORMATION

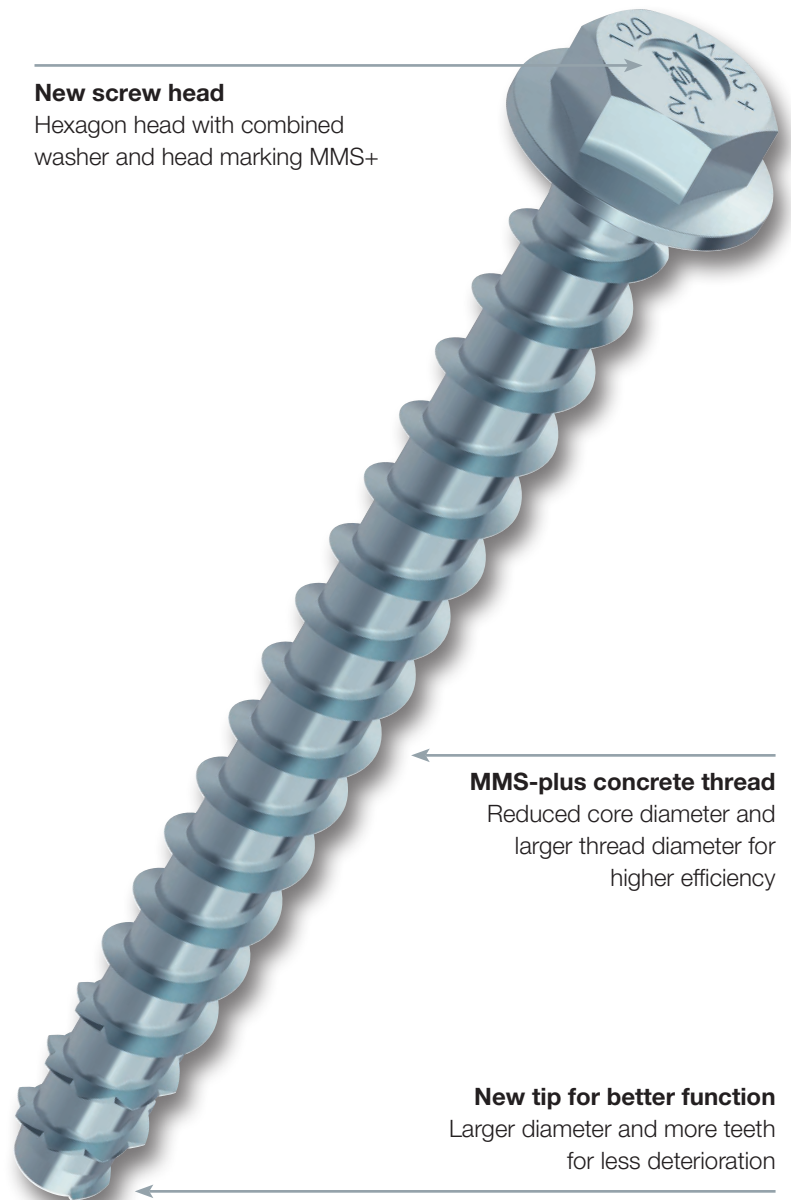
- New Standard: hexagon head with combined washer
- Optimized concrete thread for higher efficiency
- More load classes per diameter and improved mounting security
- Settable by means of power-tools and immediately loadbearing
- Broader product range including pre-set anchors MMS-plus V for example
- Wider approved assortment of products for ETA option 1 from MMS-plus 6, including seismic



The new MULTI-MONTI® with the big Plus

New screw head

Hexagon head with combined washer and head marking MMS+



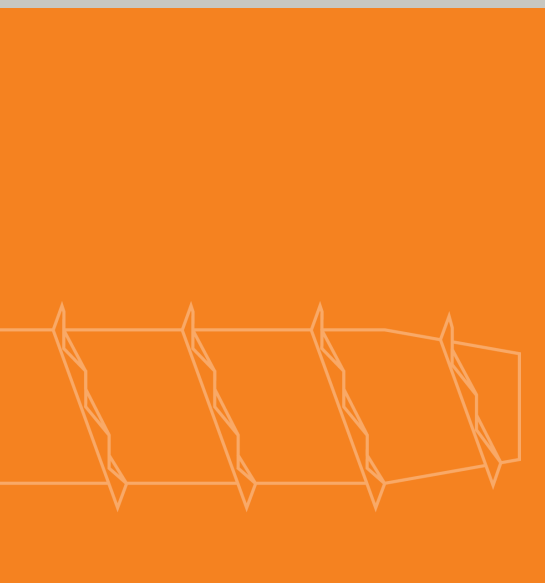
MMS-plus concrete thread

Reduced core diameter and larger thread diameter for higher efficiency

New tip for better function

Larger diameter and more teeth for less deterioration





APPLICATION EXAMPLES



Prop assemblance



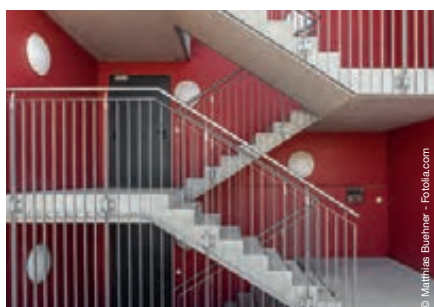
Pipe mounting



Assembling of supporting props



Fixing of cable ducts



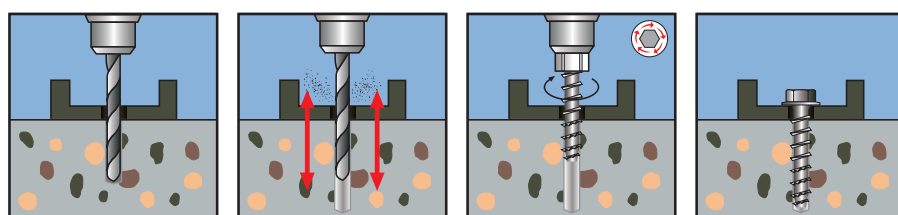
Fixing of railing



Fixing of brackets and console bearers

The right way to install

1. Drill a hole
2. Remove dust
3. Insert anchor
4. Finished



MMS-plus MULTI-MONTI®-plus



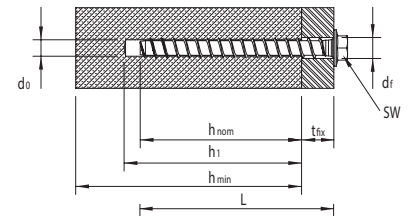
Type: MMS-plus SS hexagon head with combined washer

Material: steel, hardened

Surface: bright zinc plated, A2K

Color code
HECO-Label

Recess: hexagon head



Size D x L [mm]	Article No.	Drill diameter d ₀ [mm]	Clamping strength t _{fix} [mm]	Washer diameter [mm]	Recess	Approvals	Packing unit [pcs.]	Pieces per outer carton [pcs.]	Pieces per pallet [pcs.]
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VARIANTA - BOXES FOR PROFESSIONALS

6,0	40	48381	5,0	5	11,0	SW-8	•	100	1.000	48.000
	50	48383	5,0	5/15	11,0	SW-8	•	100	1.000	48.000
	60	48385	5,0	15/25	11,0	SW-8	•	100	1.000	48.000
	70	48387	5,0	25/35	11,0	SW-8	•	100	1.000	48.000
	80	49816	5,0	35/45	11,0	SW-8	•	50	500	24.000
7,5	35	49846	6,0	1	14,0	SW-10	•	100	1.000	48.000
	40	48389	6,0	5	14,0	SW-10	•	100	1.000	48.000
	50	48391	6,0	15	14,0	SW-10	•	50	500	24.000
	60	48393	6,0	5/25	14,0	SW-10	•	50	500	24.000
	70	48395	6,0	15/35	14,0	SW-10	•	50	500	24.000
	80	48397	6,0	25/45	14,0	SW-10	•	50	500	24.000
	100	49817	6,0	45/65	14,0	SW-10	•	50	500	24.000
	120	49819	6,0	65/85	14,0	SW-10	•	50	400	19.200
140	49821	6,0	85/105	14,0	SW-10	•	50	400	19.200	
10,0	60	48399	8,0	10	19,0	SW-13	•	25	250	12.000
	70	48401	8,0	5/20	19,0	SW-13	•	25	250	12.000
	80	48403	8,0	15/30	19,0	SW-13	•	25	250	12.000
	90	48405	8,0	25/40	19,0	SW-13	•	25	250	12.000
	100	48453	8,0	35/50	19,0	SW-13	•	25	250	12.000
	120	48455	8,0	55/70	19,0	SW-13	•	25	200	9.600
	140	48457	8,0	75/90	19,0	SW-13	•	25	200	9.600
	160	48459	8,0	95/110	19,0	SW-13	•	25	200	9.600
	12,0	60 ¹⁾	37120*	10,0	5	18,0**	SW-18		25	250
80		48407	10,0	5	22,0	SW-15	•	25	100	8.400
90		48409	10,0	1/15	22,0	SW-15	•	25	100	8.400
100		48411	10,0	10/25	22,0	SW-15	•	25	100	8.400
120		48413	10,0	30/45	22,0	SW-15	•	25	100	8.400
140		48415	10,0	50/65	22,0	SW-15	•	25	100	8.400
160		48461	10,0	70/85	22,0	SW-15	•	25	100	6.400

SW = wrench size

• = according to ETA 15/0784

* Not qualified for fastenings in case of fire

** Head diameter in mm (MMS)

¹⁾ Product range MMS-S countersunk head

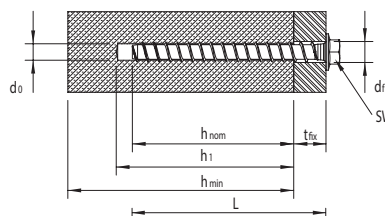
Type: MMS-plus SS hexagon head with combined washer

Material: steel, hardened

Surface: bright zinc plated, A2K

Color code
HECO-Label

Recess: hexagon head



Size D x L [mm]	Article No.	Drill diameter d ₀ [mm]	Clamping strength t _{fix} [mm]	Washer diameter [mm]	Recess	Approvals	Packing unit [pcs.]	Pieces per outer carton [pcs.]	Pieces per pallet [pcs.]
14,0	110 ¹⁾ 41178	12,0	15	21,0 ^{**}	SW-21	•	25	100	7.200
	130 ¹⁾ 41180	12,0	35	21,0 ^{**}	SW-21	•	25	100	7.200
	150 ¹⁾ 41182	12,0	55	21,0 ^{**}	SW-21	•	25	100	4.800
16,0	80 ¹⁾ 35823*	14,0	10	24,0 ^{**}	SW-24		25	100	7.200
	120 49848*	14,0	5/20	30,0	SW-21		10	40	3.360
	130 48417*	14,0	15/30	30,0	SW-21		10	40	3.360
	140 48419*	14,0	25/40	30,0	SW-21		10	40	2.560
	160 48421*	14,0	45/60	30,0	SW-21		10	40	2.560
20,0	100 ¹⁾ 22542*	18,0	10	30,0 ^{**}	SW-30		10	40	3.360
	130 ¹⁾ 23025*	18,0	15	30,0 ^{**}	SW-30		10	40	2.880
	160 48423*	18,0	20	38,0	SW-24		6	24	1.536
	180 48425*	18,0	40	38,0	SW-24		6	24	1.536
	200 48427*	18,0	60	38,0	SW-24		6	24	1.536

SW = wrench size

• = according to ETA 15/0784

- = according to ETA 05/0010

* Not qualified for fastenings in case of fire

** Head diameter in mm (MMS)

¹⁾ Product range MMS-S countersunk head

MMS-plus MULTI-MONTI®-plus



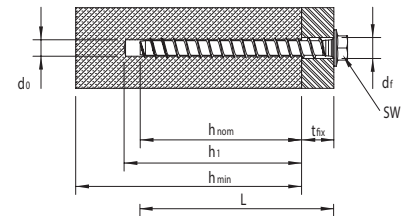
Type: MMS-plus SS hexagon head with combined washer

Material: steel, hardened

Surface: HP-coated

Color code
HECO-Label

Recess: hexagon head



Size D x L [mm]	Article No.	Drill diameter d ₀ [mm]	Clamping strength t _{fix} [mm]	Washer diameter [mm]	Recess	Approvals	Packing unit [pcs.]	Pieces per outer carton [pcs.]	Pieces per pallet [pcs.]
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VARIANTA - BOXES FOR PROFESSIONALS

6,0	50	48429	5,0	5/15	11,0	SW-8	•	100	1.000	48.000
	60	48431	5,0	15/25	11,0	SW-8	•	100	1.000	48.000
7,5	50	48433	6,0	15	14,0	SW-10	•	50	500	24.000
	60	48435	6,0	5/25	14,0	SW-10	•	50	500	24.000
	70	48437	6,0	15/35	14,0	SW-10	•	50	500	24.000
10,0	60	48439	8,0	10	19,0	SW-13	•	25	250	12.000
	70	48441	8,0	5/20	19,0	SW-13	•	25	250	12.000
	80	48443	8,0	15/30	19,0	SW-13	•	25	250	12.000
	90	48445	8,0	25/40	19,0	SW-13	•	25	250	12.000
12,0	90	48447	10,0	1/15	22,0	SW-15	•	25	100	8.400
	100	48449	10,0	10/25	22,0	SW-15	•	25	100	8.400
	120	48451	10,0	30/45	22,0	SW-15	•	25	100	8.400

SW = wrench size

• = according to ETA 15/0784

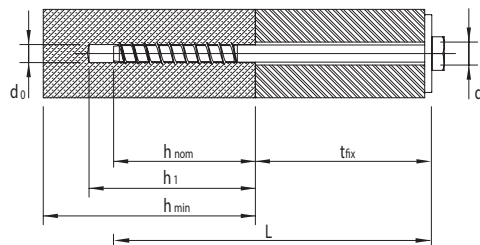
Type: MMS-plus S hexagon head with washer DIN 440

Material: steel, hardened

Surface: bright zinc plated, A2K

Color code
HECO-Label

Recess: hexagon head



Size D x L [mm]	Article No.	Drill diameter d ₀ [mm]	Clamping strength t _{fix} [mm]	Washer diameter [mm]	Recess	Approvals	Packing unit [pcs.]	Pieces per outer carton [pcs.]	Pieces per pallet [pcs.]
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VARIANTA - BOXES FOR PROFESSIONALS

12,0	180	48463	10,0	90/105	43,5	SW-19	•	25	100	4.800
	200	48465	10,0	110/125	43,5	SW-19	•	25	100	4.800
	240	48467	10,0	150/165	43,5	SW-19	•	25	100	4.800
	280	48469	10,0	190/205	43,5	SW-19	•	25	100	3.600
	320	48471	10,0	230/245	43,5	SW-19	•	25	100	3.600

SW = wrench size

• = according to ETA 15/0784

MMS-plus MULTI-MONTI®-plus



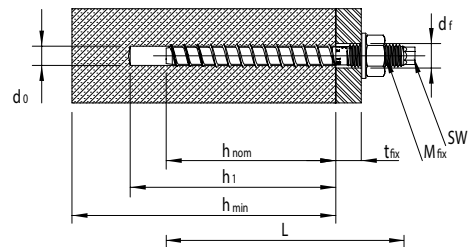
Type: MMS-plus V pre-set anchor with metric stud

Material: steel, hardened

Surface: bright zinc plated, A2K

Color code
HECO-Label

Recess: hexagon head



Size D x L [mm]	Article No.	Drill diameter d ₀ [mm]	Clamping strength t _{fix} [mm]	Metric stud M _{fix}	Recess	Approvals	Packing unit [pcs.]	Pieces per outer carton [pcs.]	Pieces per pallet [pcs.]
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VARIANTA - BOXES FOR PROFESSIONALS

7,5	80	48668	6,0	15/35	M8x20	SW-5,5	•	50	500	24.000
	100	48670	6,0	35/55	M8x40	SW-5,5	•	50	500	24.000
10,0	90	48672	8,0	15/30	M10x65	SW-7	•	25	250	12.000
	110	48674	8,0	35/50	M10x40	SW-7	•	25	250	12.000
	130	48676	8,0	55/70	M10x60	SW-7	•	25	200	9.600
12,0	110	48678	10,0	20	M12x30	SW-8	•	25	100	8.400
	120	48680	10,0	15/30	M12x25	SW-8	•	25	100	8.400
	140	48682	10,0	35/50	M12x45	SW-8	•	25	100	8.400
16,0	150	48684*	14,0	35	M16x40	SW-12		10	40	3.360
	200	48686*	14,0	70/85	M16x75	SW-12		10	40	2.560
20,0	190	48688*	18,0	30	M20x40	SW-15		6	24	1.536
	220	48690*	18,0	60	M20x70	SW-15		6	24	1.536

SW = wrench size

• = according to ETA 15/0784

* Not qualified for fastenings in case of fire

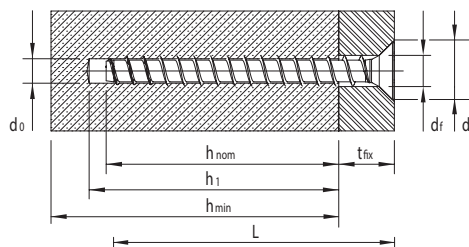
Type: MMS-plus F countersunk head

Material: steel, hardened

Surface: bright zinc plated, A2K

Color code
HECO-Label

Recess: T-Drive



Size D x L [mm]	Article No.	Drill diameter d ₀ [mm]	Clamping strength t _{fix} [mm]	Head diameter [mm]	Recess	Approvals	Packing unit [pcs.]	Pieces per outer carton [pcs.]	Pieces per pallet [pcs.]
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VARIANTA - BOXES FOR PROFESSIONALS

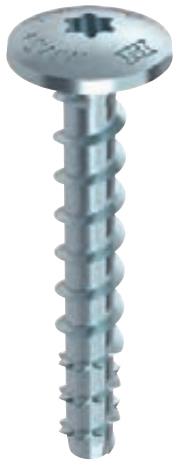
5,0	30 ¹⁾	37133*	4,0	1	8,7	T-25		200	2.000	96.000
	40 ¹⁾	37134*	4,0	5	8,7	T-25		200	2.000	96.000
	50 ¹⁾	22383*	4,0	15	8,7	T-25		200	2.000	96.000
	60 ¹⁾	22599*	4,0	25	8,7	T-25		200	2.000	96.000
6,0	40	49860	5,0	5	11,5	T-30	•	100	1.000	48.000
	50	48495	5,0	5/15	11,5	T-30	•	100	1.000	48.000
	60	48497	5,0	15/25	11,5	T-30	•	100	1.000	48.000
	70	48499	5,0	25/35	11,5	T-30	•	100	1.000	48.000
	80	48501	5,0	35/45	11,5	T-30	•	50	500	24.000
	100	48503	5,0	55/65	11,5	T-30	•	50	500	24.000
	120	48505	5,0	75/85	11,5	T-30	•	50	500	24.000
	140	48507	5,0	95/105	11,5	T-30	•	50	500	24.000
7,5	45	49862	6,0	10	15,5	T-40	•	100	1.000	48.000
	50	48509	6,0	15	15,5	T-40	•	100	1.000	48.000
	60	48511	6,0	5/25	15,5	T-40	•	50	500	24.000
	70	48513	6,0	15/35	15,5	T-40	•	50	500	24.000
	80	48515	6,0	25/45	15,5	T-40	•	50	500	24.000
	100	48517	6,0	45/65	15,5	T-40	•	50	500	24.000
	120	48519	6,0	65/85	15,5	T-40	•	50	400	19.200
	140	48521	6,0	85/105	15,5	T-40	•	50	400	19.200
10,0	60	48525	8,0	10	19,5	T-45	•	25	250	12.000
	70	48527	8,0	5/20	19,5	T-45	•	25	250	12.000
	80	48529	8,0	15/30	19,5	T-45	•	25	250	12.000
12,0	90	48531	10,0	1/15	24,0	T-50	•	25	100	8.400
	100	48533	10,0	10/25	24,0	T-50	•	25	100	8.400
	120	48535	10,0	30/45	24,0	T-50	•	25	100	8.400

• = according to ETA 15/0784

* Not qualified for fastenings in case of fire

¹⁾ Product range MMS-F countersunk head

MMS-plus MULTI-MONTI®-plus



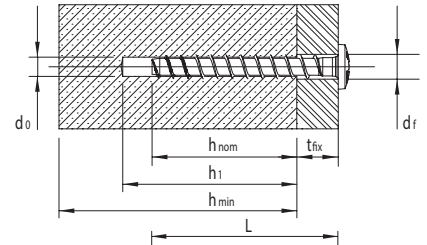
Type: MMS-plus MS flange head

Material: steel, hardened

Surface: bright zinc plated, A2K

Color code
HECO-Label

Recess: T-Drive



Size D x L [mm]	Article No.	Drill diameter d ₀ [mm]	Clamping strength t _{fix} [mm]	Head diameter [mm]	Recess	Approvals	Packing unit [pcs.]	Pieces per outer carton [pcs.]	Pieces per pallet [pcs.]
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VARIANTA - BOXES FOR PROFESSIONALS

7,5	35	49827	6,0	1	17,0	T-30	•	100	1.000	48.000
	40	49854	6,0	5	17,0	T-30	•	100	1.000	48.000
	45	49829	6,0	10	17,0	T-30	•	100	1.000	48.000
	50	49856	6,0	15	17,0	T-30	•	100	1.000	48.000

• = according to ETA 15/0784

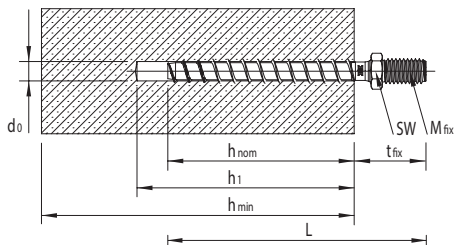
Type: MMS-plus ST with metric stud

Material: steel, hardened

Surface: bright zinc plated, A2K

Color code
HECO-Label

Recess: hexagon head



Size D x L [mm]	Article No.	Drill diameter d ₀ [mm]	Clamping strength t _{fix} [mm]	Head diameter [mm]	Recess	Approvals	Packing unit [pcs.]	Pieces per outer carton [pcs.]	Pieces per pallet [pcs.]
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VARIANTA - BOXES FOR PROFESSIONALS

6,0	55	48654	5,0	10/20	10,0	SW-10	•	100	1.000	48.000
	65	48656	5,0	20/30	10,0	SW-10	•	50	500	24.000
7,5	60	48658	6,0	5/25	10,0	SW-10	•	50	500	24.000
	70	48660	6,0	15/35	10,0	SW-10	•	50	500	24.000
	80	48662	6,0	25/45	10,0	SW-10	•	50	500	24.000
	100	48664	6,0	45/65	10,0	SW-10	•	50	500	24.000
10,0	120	49831	6,0	65/85	10,0	SW-10	•	50	400	19.200
	75	49858	8,0	10/25	13,0	SW-13	•	25	250	12.000
	85	48666	8,0	20/35	13,0	SW-13	•	25	250	12.000

SW = wrench size

• = according to ETA 15/0784

MMS-plus ST 6,0 metric stud M6 x 5 mm

MMS-plus ST 7,5 metric stud M8 x 14 mm

MMS-plus ST 10,0 metric stud M10 x 11 mm

MMS-plus MULTI-MONTI®-plus



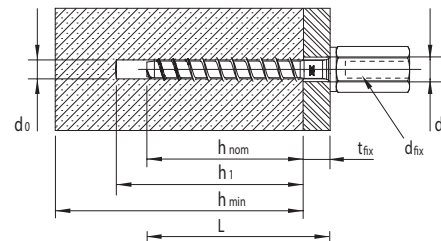
Type: MMS-plus I with internal metric thread

Material: steel, hardened

Surface: bright zinc plated, A2K

Color code
HECO-Label

Recess: hexagon head



Size D x L [mm]	Article No.	Drill diameter d ₀ [mm]	Clamping strength t _{fix} [mm]	Head diameter [mm]	Recess	Approvals	Packing unit [pcs.]	Pieces per outer carton [pcs.]	Pieces per pallet [pcs.]
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VARIANTA - BOXES FOR PROFESSIONALS

6,0	40 48692	5,0	5	11,0	SW-10	•	100	1.000	48.000
7,5	40 49833*	6,0	5	14,5	SW-13	•	40	400	19.200
	40 48696	6,0	5	14,5	SW-13	•	50	500	24.000
	60 49834*	6,0	5/25	14,5	SW-13	•	40	400	19.200
	60 48698	6,0	5/25	14,5	SW-13	•	50	500	24.000
10,0	60 48700	8,0	10	19,5	SW-13	•	25	250	12.000
	75 48702	8,0	10/25	19,5	SW-13	•	25	250	12.000

SW = wrench size

• = according to ETA 15/0784

* = combi-thread M8/M10 x 23 mm

MMS-plus I 6,0 internal-thread M6 x 15 mm

MMS-plus I 7,5 internal-thread M8 x 12 mm

MMS-plus I 10,0 internal-thread M10 x 13 mm

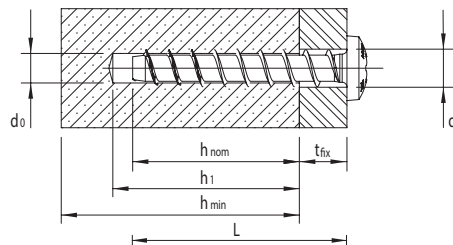
Type: MMS-plus P pan head

Material: steel, hardened

Surface: bright zinc plated, A2K

Color code
HECO-Label

Recess: T-Drive



Size D x L [mm]	Article No.	Drill diameter d ₀ [mm]	Clamping strength t _{fix} [mm]	Head diameter [mm]	Recess	Approvals	Packing unit [pcs.]	Pieces per outer carton [pcs.]	Pieces per pallet [pcs.]
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VARIANTA - BOXES FOR PROFESSIONALS

5,0	30 ¹⁾	21685*	4,0	1	7,9	T-20	200	2.000	96.000	
	50 ¹⁾	21733*	4,0	15	7,9	T-20	200	2.000	96.000	
6,0	30 ¹⁾	22098*	5,0	1	11,6	T-30	200	2.000	96.000	
	35	49850	5,0	1	11,0	T-30	•	100	1.000	48.000
	40	48483	5,0	5	11,0	T-30	•	100	1.000	48.000
	50	48485	5,0	5/15	11,0	T-30	•	100	1.000	48.000
	60	48487	5,0	15/25	11,0	T-30	•	100	1.000	48.000
7,5	25 ¹⁾	22341*	6,0	1	13,6	T-40	200	2.000	96.000	
	35	49852	6,0	1	14,5	T-30	•	100	1.000	48.000
	40	48489	6,0	5	14,5	T-30	•	100	1.000	48.000
	50	48491	6,0	15	14,5	T-30	•	100	1.000	48.000
	60	48493	6,0	5/25	14,5	T-30	•	50	500	24.000
10,0	60	49823	8,0	10	19,5	T-40	•	25	250	12.000
	70	49825	8,0	5/20	19,5	T-40	•	25	250	12.000

• = according to ETA 15/0784

* Not qualified for fastenings in case of fire

¹⁾ Product range MMS-P pan head

MMS-plus MULTI-MONTI®-plus



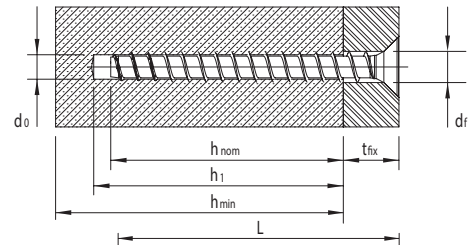
Type: MMS-KS reduced countersunk head

Material: steel, hardened

Surface: bright zinc plated, A2K

Color code
HECO-Label

Recess: T-Drive



Size D x L [mm]	Article No.	Drill diameter d ₀ [mm]	Clamping strength t _{fix} [mm]	Head diameter [mm]	Recess	Approvals	Packing unit [pcs.]	Pieces per outer carton [pcs.]	Pieces per pallet [pcs.]
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VARIANTA - BOXES FOR PROFESSIONALS

5,0	40	37146	4,0	5	7,8	T-20	200	2.000	96.000
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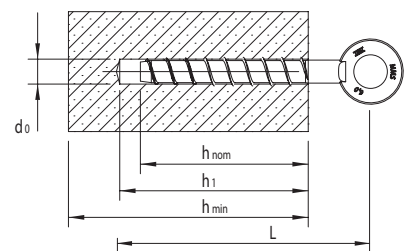
Type: MMS-R eye-bolt-anchor*

Material: steel, hardened

Surface: bright zinc plated, A2K

Color code
HECO-Label

Recess: installation tool



Size D x L [mm]	Article No.	Drill diameter d ₀ [mm]	Clamping strength t _{fix} [mm]	Head diameter [mm]	Recess	Approvals	Packing unit [pcs.]	Pieces per outer carton [pcs.]	Pieces per pallet [pcs.]
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VARIANTA - BOXES FOR PROFESSIONALS

6,0	40	23026	5,0	-	14,0		200	2.000	96.000
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* Installation tool is included

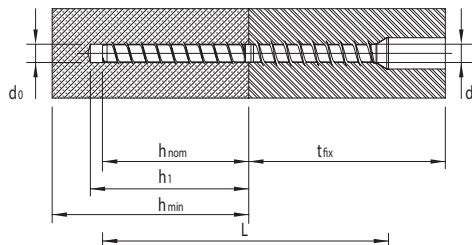
Type: MMS-TC TimberConnect

Material: steel, hardened

Surface: bright zinc plated, A2K

Color code
HECO-Label

Recess: T-Drive



Size D x L [mm]	Article No.	Drill diameter d ₀ [mm]	Clamping strength t _{fix} [mm]	Head diameter [mm]	Recess	Approvals	Packing unit [pcs.]	Pieces per outer carton [pcs.]	Pieces per pallet [pcs.]
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VARIANTA - BOXES FOR PROFESSIONALS

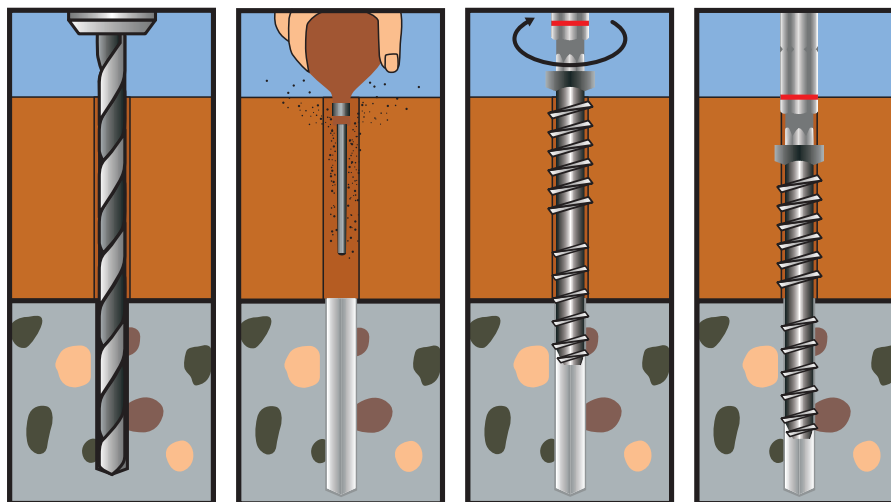
7,5	100	48308	6,0	40-140	10,0	T-30	O	50	500	24.000
10,0	130	48310	8,0	60-200	16,0	T-45	O	25	250	12.000
12,0	160	48312	10,0	80-300	17,5	T-50	O	25	100	8.400

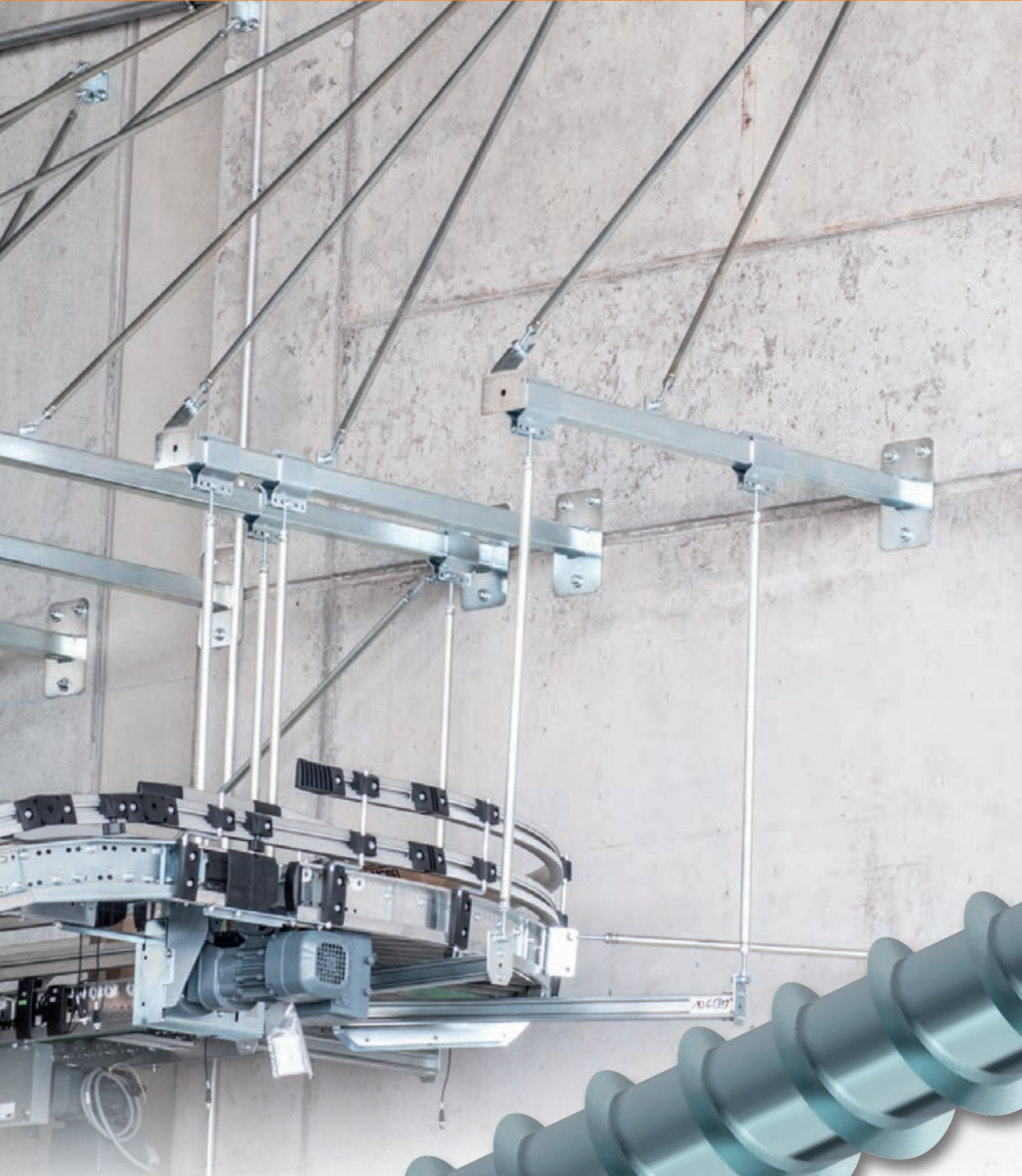
O = according to the German DIBt-approval no. Z-21.1-1879

The appropriate setting tools can be found on page 212

The right way to install

1. Drilling
2. Cleaning
3. Screwing
4. Finished







MULTI-MONTI®

THE INNOVATIVE SCREW ANCHOR
FOR CONCRETE AND MASONRY





MULTI-MONTI®

PRODUCT INFORMATION

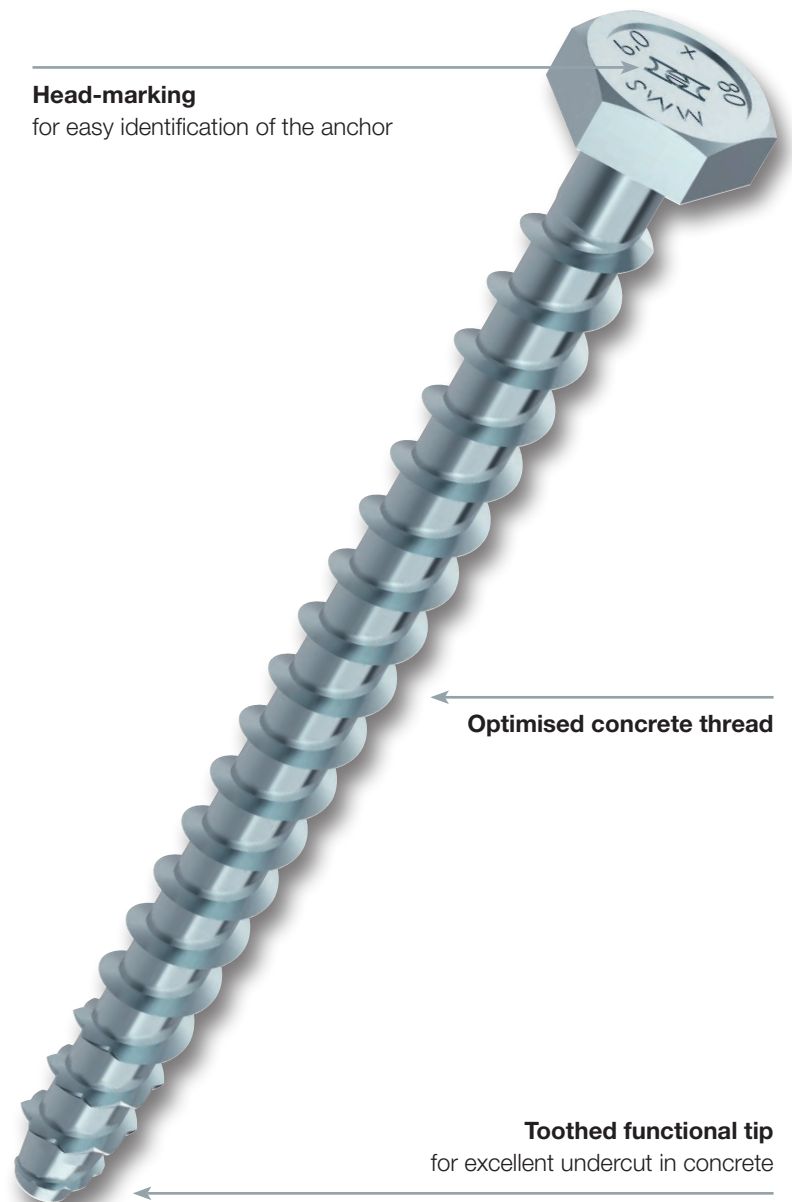
- Fast and easy mounting
- High security level
- No time wasting, the anchor will bear loads immediately
- Can be removed completely
- No torque control required
- Easy power-tool handling possible
- Approved and monitored product for cracked and non-cracked concrete



The innovative screw anchor for concrete and masonry

Head-marking

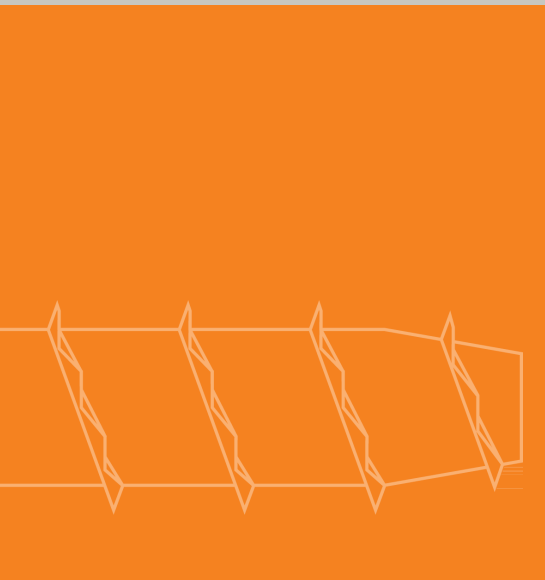
for easy identification of the anchor



← Optimised concrete thread

← **Toothed functional tip**
for excellent undercut in concrete





APPLICATION EXAMPLES



Fixing of railing



Pipe mounting



Fixing of wood constructions on concrete



Fixing of cable clamp



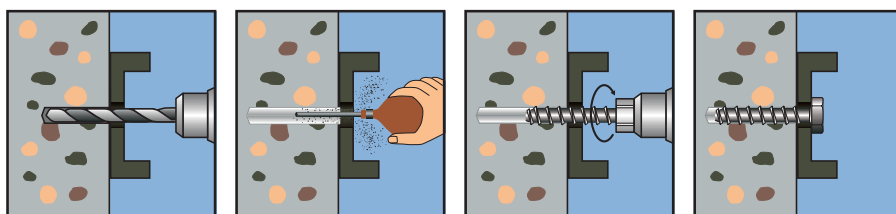
Screw-in-anchor



Mounting of cable ducts

The right way to install

1. drill
2. clean
3. insert
4. finished





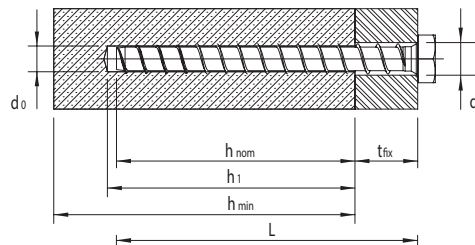
Type: MMS-S hexagon head

Material: steel, hardened

Surface: bright zinc plated, A2K

Color code
HECO-Label

Recess: hexagon head



Size D x L [mm]	Article No.	Drill diameter d ₀ [mm]	Clamping strength t _{fix} [mm]	Head diameter [mm]	Recess	Approvals	Packing unit [pcs.]	Pieces per outer carton [pcs.]	Pieces per pallet [pcs.]
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VARIANTA - BOXES FOR PROFESSIONALS

6,0	40	20218*	5,0	5	10,0	SW-10		200	2.000	96.000
	50	37111	5,0	5	10,0	SW-10	O	100	1.000	48.000
	60	37112	5,0	15	10,0	SW-10	O	100	1.000	48.000
	80	37113	5,0	35	10,0	SW-10	O	50	500	24.000
	100	37114	5,0	55	10,0	SW-10	O	50	500	24.000
7,5	35	37115*	6,0	1	13,0	SW-13		100	1.000	48.000
	40	37116*	6,0	5	13,0	SW-13		100	1.000	48.000
	45	21214	6,0	1	13,0	SW-13	O	100	1.000	48.000
	50	20999	6,0	5	13,0	SW-13	O	100	1.000	48.000
	60	42604	6,0	5	13,0	SW-13	•	100	1.000	48.000
	80	42606	6,0	25	13,0	SW-13	•	50	500	24.000
	100	42608	6,0	45	13,0	SW-13	•	50	500	24.000
	120	42610	6,0	65	13,0	SW-13	•	50	500	24.000
10,0	140	42612	6,0	85	13,0	SW-13	•	50	500	24.000
	60	21097	8,0	5	16,0	SW-16	O	50	500	24.000
	70	44778	8,0	5	16,0	SW-16	•	40	400	19.200
	80	44775	8,0	15	16,0	SW-16	•	40	400	19.200
	100	41150	8,0	35	16,0	SW-16	•	25	250	12.000
	120	41152	8,0	55	16,0	SW-16	•	25	250	12.000
	140	41154	8,0	75	16,0	SW-16	•	25	250	12.000
	160	41156	8,0	95	16,0	SW-16	•	25	250	12.000
12,0	60	37120*	10,0	5	18,0	SW-18		25	250	12.000
	80	41158	10,0	5	18,0	SW-18	•	25	250	12.000
	90	41160	10,0	15	18,0	SW-18	•	25	250	12.000
	100	41162	10,0	25	18,0	SW-18	•	25	250	12.000
	120	41164	10,0	45	18,0	SW-18	•	25	100	8.400
	140	41166	10,0	65	18,0	SW-18	•	25	100	8.400
	160	41168	10,0	85	18,0	SW-18	•	25	100	6.400

• = according to ETA 05/0010

O = according to the German DIBt-approval no. Z-21.1-1503

* Not qualified for fastenings in case of fire

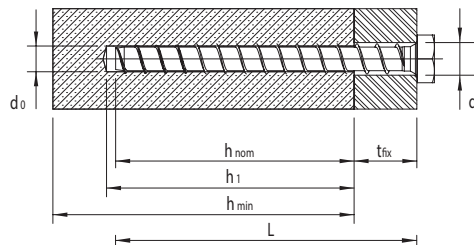
Type: MMS-S hexagon head

Material: steel, hardened

Surface: bright zinc plated, A2K

Color code
HECO-Label

Recess: hexagon head



Size D x L [mm]	Article No.	Drill diameter d ₀ [mm]	Clamping strength t _{fix} [mm]	Head diameter [mm]	Recess	Approvals	Packing unit [pcs.]	Pieces per outer carton [pcs.]	Pieces per pallet [pcs.]
14,0	110 41178	12,0	15	21,0	SW-21	•	25	100	7.200
	130 41180	12,0	35	21,0	SW-21	•	25	100	7.200
	150 41182	12,0	55	21,0	SW-21	•	25	100	4.800
16,0	80 35823*	14,0	10	24,0	SW-24		25	100	7.200
	120 23010*	14,0	10	24,0	SW-24		10	40	3.840
	130 41184	14,0	15	24,0	SW-24	•	10	40	3.840
	150 41186	14,0	35	24,0	SW-24	•	10	40	2.560
20,0	100 22542*	18,0	10	30,0	SW-30		10	40	3.360
	130 23025*	18,0	15	30,0	SW-30		10	40	2.880

• = according to ETA 05/0010

* Not qualified for fastenings in case of fire



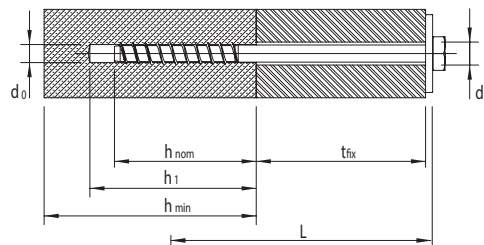
Type: MMS-S hexagon head with washer DIN 440

Material: steel, hardened

Surface: bright zinc plated, A2K

Color code
HECO-Label

Recess: hexagon head



Size D x L [mm]	Article No.	Drill diameter d ₀ [mm]	Clamping strength t _{fix} [mm]	Head diameter [mm]	Recess	Approvals	Packing unit [pcs.]	Pieces per outer carton [pcs.]	Pieces per pallet [pcs.]
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VARIANTA - BOXES FOR PROFESSIONALS

12,0	180	42447	10,0	105	18,0	SW-18	•	25	100	4.800
	200	41170	10,0	125	18,0	SW-18	•	25	100	4.800
	240	41172	10,0	165	18,0	SW-18	•	25	100	4.800
	280	41174	10,0	205	18,0	SW-18	•	25	100	3.600
	320	41176	10,0	245	18,0	SW-18	•	25	100	3.600

• = according to ETA 05/0010

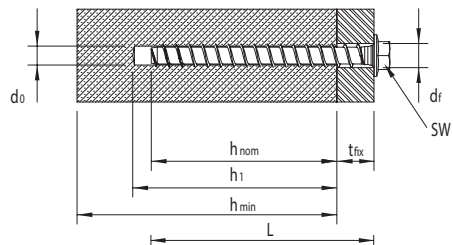
Type: MMS-SS hexagon head with combined washer

Material: steel, hardened

Surface: bright zinc plated, A2K

Color code
HECO-Label

Recess: hexagon head



Size D x L [mm]	Article No.	Drill diameter d ₀ [mm]	Clamping strength t _{fix} [mm]	Head diameter [mm]	Recess	Approvals	Packing unit [pcs.]	Pieces per outer carton [pcs.]	Pieces per pallet [pcs.]
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VARIANTA - BOXES FOR PROFESSIONALS

6,0	50	38129	5,0	5	11,5	SW-8	O	100	1.000	48.000
	60	37907	5,0	15	11,5	SW-8	O	100	1.000	48.000
7,5	50	38132	6,0	5	14,5	SW-10	O	50	500	24.000
	60	42614	6,0	5	14,5	SW-10	•	50	500	24.000
10,0	70	41188	8,0	5	19,0	SW-13	•	25	250	12.000
	80	41190	8,0	15	19,0	SW-13	•	25	250	12.000
12,0	90	41192	10,0	15	22,5	SW-15	•	25	250	12.000
	100	41194	10,0	25	22,5	SW-15	•	25	250	12.000

• = according to ETA 05/0010

O = according to the German DIBt-approval no. Z-21.1-1503



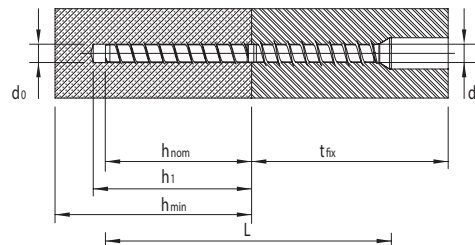
Type: MMS-TC TimberConnect

Material: steel, hardened

Surface: bright zinc plated, A2K

Color code
HECO-Label

Recess: T-Drive



Size D x L [mm]	Article No.	Drill diameter d ₀ [mm]	Clamping strength t _{fix} [mm]	Head diameter [mm]	Recess	Approvals	Packing unit [pcs.]	Pieces per outer carton [pcs.]	Pieces per pallet [pcs.]
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VARIANTA - BOXES FOR PROFESSIONALS

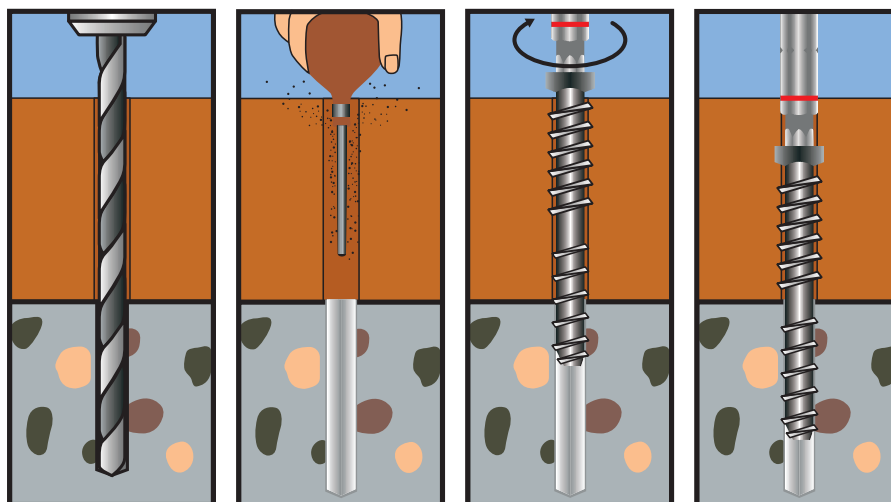
7,5	100	48308	6,0	40-140	10,0	T-30	O	50	500	24.000
10,0	130	48310	8,0	60-200	16,0	T-45	O	25	250	12.000
12,0	160	48312	10,0	80-300	17,5	T-50	O	25	100	8.400

O = according to the German DIBt-approval no. Z-21.1-1879

The appropriate setting tools can be found on page 212

The right way to install

1. Drilling
2. Cleaning
3. Screwing
4. Finished



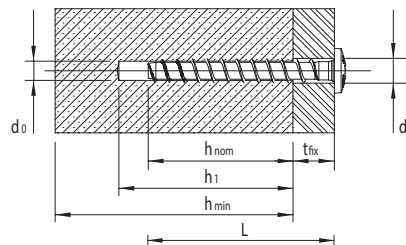
Type: MMS-MS flange head

Material: steel, hardened

Surface: bright zinc plated, A2K

Color code
HECO-Label

Recess: T-Drive



Size D x L [mm]	Article No.	Drill diameter d ₀ [mm]	Clamping strength t _{fix} [mm]	Head diameter [mm]	Recess	Approvals	Packing unit [pcs.]	Pieces per outer carton [pcs.]	Pieces per pallet [pcs.]
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VARIANTA - BOXES FOR PROFESSIONALS

7,5	45	21000	6,0	1	17,0	T-30	○	100	1.000	48.000
	50	36765	6,0	5	17,0	T-30	○	100	1.000	48.000
	60	36767	6,0	5	17,0	T-30	○	50	500	24.000
	60	42616	6,0	5	14,5	T-30	●	50	500	24.000

● = according to ETA 05/0010

○ = according to the German DIBt-approval no. Z-21.1-1503



Type: MMS-F countersunk head

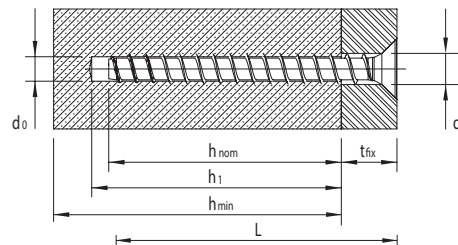
Material: steel, hardened

Surface: bright zinc plated, A2K



Color code
HECO-Label

Recess: T-Drive



Size D x L [mm]	Article No.	Drill diameter d ₀ [mm]	Clamping strength t _{fix} [mm]	Head diameter [mm]	Recess	Approvals	Packing unit [pcs.]	Pieces per outer carton [pcs.]	Pieces per pallet [pcs.]
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VARIANTA - BOXES FOR PROFESSIONALS

5,0	30	37133*	4,0	1	8,7	T-25		200	2.000	96.000
	40	37134*	4,0	5	8,7	T-25		200	2.000	96.000
	50	22383*	4,0	15	8,7	T-25		200	2.000	96.000
	60	22599*	4,0	25	8,7	T-25		200	2.000	96.000
6,0	40	18210*	5,0	10	11,0	T-30		200	2.000	96.000
	50	37135	5,0	5	11,0	T-30	O	100	1.000	48.000
	60	37136	5,0	15	11,0	T-30	O	100	1.000	48.000
	80	37137	5,0	35	11,0	T-30	O	50	500	24.000
	100	37138	5,0	55	11,0	T-30	O	50	500	24.000
	120	37139	5,0	75	11,0	T-30	O	50	500	24.000
	140	37141	5,0	95	11,0	T-30	O	50	500	24.000
7,5	45	37142*	6,0	5	13,6	T-40		100	1.000	48.000
	50	37143	6,0	5	13,6	T-40	O	100	1.000	48.000
	60	42590	6,0	5	13,6	T-40	•	100	1.000	48.000
	80	44777	6,0	25	13,6	T-40	•	50	500	24.000
	100	42594	6,0	45	13,6	T-40	•	50	500	24.000
	120	42596	6,0	65	13,6	T-40	•	50	500	24.000
	140	42598	6,0	85	13,6	T-40	•	50	500	24.000
	160	42600	6,0	105	13,6	T-40	•	50	500	24.000
10,0	80	44383	8,0	15	17,0	T-40	•	50	500	24.000

• = according to ETA 05/0010

O = according to the German DIBt-approval no. Z-21.1-1503

* Not qualified for fastenings in case of fire

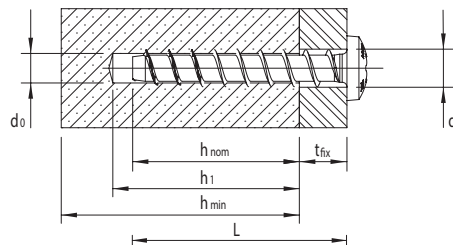
Type: MMS-P pan head

Material: steel, hardened

Surface: bright zinc plated, A2K

Color code
HECO-Label

Recess: T-Drive



Size D x L [mm]	Article No.	Drill diameter d ₀ [mm]	Clamping strength t _{fix} [mm]	Head diameter [mm]	Recess	Approvals	Packing unit [pcs.]	Pieces per outer carton [pcs.]	Pieces per pallet [pcs.]
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VARIANTA - BOXES FOR PROFESSIONALS

5,0	30	21685*	4,0	1	7,9	T-20	200	2.000	96.000	
	50	21733*	4,0	15	7,9	T-20	200	2.000	96.000	
6,0	30	22098*	5,0	1	11,6	T-30	200	2.000	96.000	
	40	20410*	5,0	5	11,6	T-30	200	2.000	96.000	
	50	37316	5,0	5	11,6	T-30	O	100	1.000	48.000
	60	37129	5,0	15	11,6	T-30	O	100	1.000	48.000
	80	37130	5,0	35	11,6	T-30	O	50	500	24.000
7,5	25	22341*	6,0	1	13,6	T-40	200	2.000	96.000	
	45	37131	6,0	1	13,6	T-40	O	100	1.000	48.000
	50	37132	6,0	5	13,6	T-40	O	100	1.000	48.000
	70	42602	6,0	15	13,6	T-40	•	100	1.000	48.000
10,0	70	41143	8,0	5	17,0	T-40	•	50	500	24.000

• = according to ETA 05/0010

O = according to the German DIBt-approval no. Z-21.1-1503

* Not qualified for fastenings in case of fire



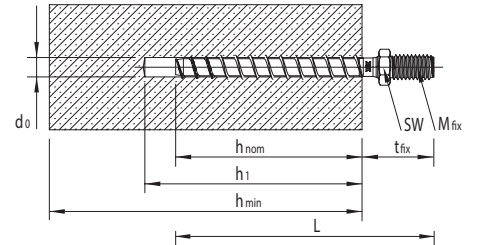
Type: MMS-ST with metric stud*

Material: steel, hardened

Surface: bright zinc plated, A2K

Color code
HECO-Label

Recess: hexagon head



Size D x L [mm]	Article No.	Drill diameter d ₀ [mm]	Clamping strength t _{fix} [mm]	Head diameter [mm]	Recess	Approvals	Packing unit [pcs.]	Pieces per outer carton [pcs.]	Pieces per pallet [pcs.]
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VARIANTA - BOXES FOR PROFESSIONALS

6,0	60	37123	5,0	15	10,0	SW-10	○	100	1.000	48.000
7,5	70	37124	6,0	25	10,0	SW-10	○	50	500	24.000
	80	42617	6,0	25	10,0	SW-10	•	50	500	24.000
	100	42620	6,0	45	10,0	SW-10	•	50	500	24.000
	120	42622	6,0	65	10,0	SW-10	•	50	500	24.000
	140	42624	6,0	85	10,0	SW-10	•	50	500	24.000
10,0	160	42626	6,0	105	10,0	SW-10	•	50	500	24.000
	80	21174	8,0	25	13,0	SW-13	○	50	500	24.000
	100	41334	8,0	35	13,0	SW-13	•	25	250	12.000
	120	41336	8,0	55	13,0	SW-13	•	25	250	12.000

• = according to ETA 05/0010

○ = according to the German DIBt-approval no. Z-21.1-1503

* MMS-plus ST 6,0 metric stud M6 x 5 mm

MMS-plus ST 7,5 metric stud M8 x 14 mm

MMS-plus ST 10,0 metric stud M10 x 11 mm



Type: MMS-KS reduced countersunk head

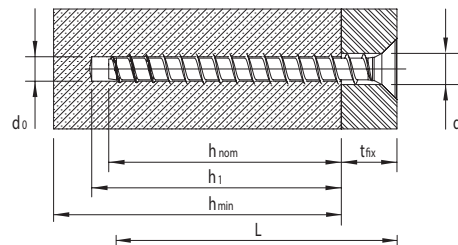
Material: steel, hardened

Surface: bright zinc plated, A2K



Color code
HECO-Label

Recess: T-Drive



Size D x L [mm]	Article No.	Drill diameter d ₀ [mm]	Clamping strength t _{fix} [mm]	Head diameter [mm]	Recess	Approvals	Packing unit [pcs.]	Pieces per outer carton [pcs.]	Pieces per pallet [pcs.]
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VARIANTA - BOXES FOR PROFESSIONALS

5,0	40	37146	4,0	5	7,8	T-20	200	2.000	96.000
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Type: MMS-R eye-bolt-anchor*

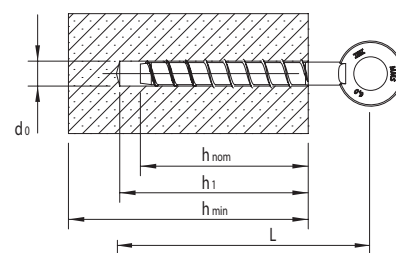
Material: steel, hardened

Surface: bright zinc plated, A2K



Color code
HECO-Label

Recess: installation tool



Size D x L [mm]	Article No.	Drill diameter d ₀ [mm]	Clamping strength t _{fix} [mm]	Head diameter [mm]	Recess	Approvals	Packing unit [pcs.]	Pieces per outer carton [pcs.]	Pieces per pallet [pcs.]
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VARIANTA - BOXES FOR PROFESSIONALS

6,0	40	23026	5,0	-	14,0		200	2.000	96.000
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* Installation tool is included



MULTI-MONTI® stainless steel



PRODUCT INFORMATION

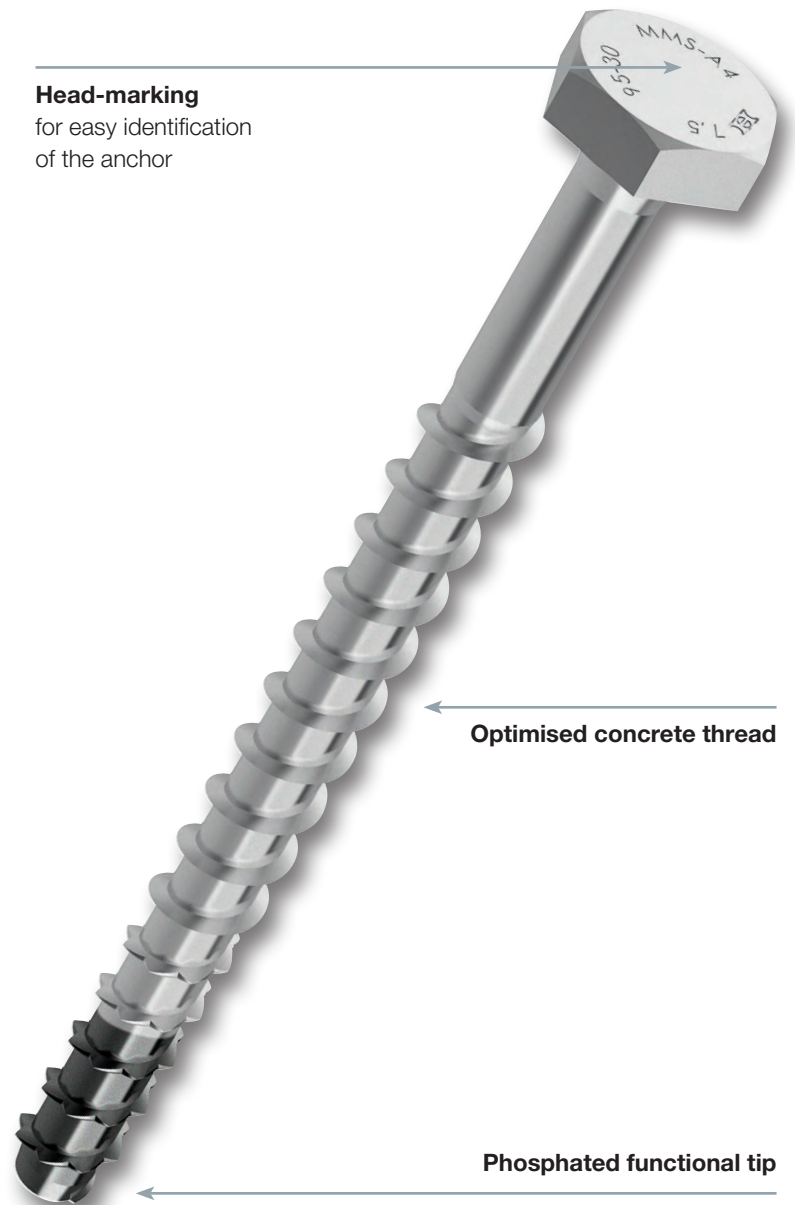
- Fast and easy mounting
- No spreading effect, therefore small spacing and edge distances possible
- Use of power tools is allowed as no tightening torque is required
- Safe handling, hidden fixation errors are not possible
- Available in stainless steel A5 1.4571 and in stainless steel A4 1.4401
- Stainless steel HCR 1.4529 on request
- Approved and monitored product for cracked and non-cracked concrete



The innovative screw anchor for concrete and masonry

Head-marking

for easy identification of the anchor



Optimised concrete thread

Phosphated functional tip



Type: MMS-S hexagon head

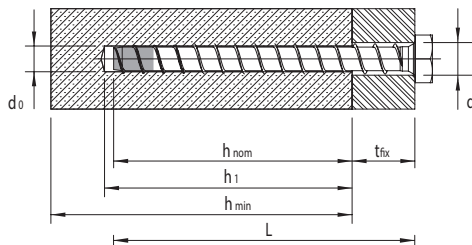
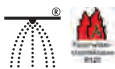
Material: stainless steel A4 1.4401



Surface: self-colour, tip phosphated

Color code
HECO-Label

Recess: hexagon head



Size D x L [mm]	Article No.	Drill diameter d ₀ [mm]	Clamping strength t _{fix} [mm]	Head diameter [mm]	Recess	Approvals	Packing unit [pcs.]	Pieces per outer carton [pcs.]	Pieces per pallet [pcs.]
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VARIANTA - BOXES FOR PROFESSIONALS

7,5	50	23098*	6,0	10	13,0	SW-13		50	500	24.000
	75	42989	6,0	10	13,0	SW-13	•	50	500	24.000
10,0	85	41202	8,0	10	16,0	SW-16	•	25	250	12.000
	95	41205	8,0	20	16,0	SW-16	•	25	250	12.000
12,0	100	41208	10,0	10	18,0	SW-18	•	25	250	12.000
	120	41211	10,0	30	18,0	SW-18	•	25	100	8.400

• = according to ETA 05/0011

* Not qualified for fastenings in case of fire



Type: MMS-F countersunk head

Material: stainless steel A5 1.4571

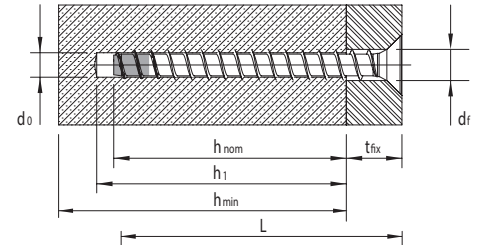


Surface: self-colour, tip phosphated



Color code
HECO-Label

Recess: T-Drive



Size D x L [mm]	Article No.	Drill diameter d ₀ [mm]	Clamping strength t _{fix} [mm]	Head diameter [mm]	Recess	Approvals	Packing unit [pcs.]	Pieces per outer carton [pcs.]	Pieces per pallet [pcs.]
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VARIANTA - BOXES FOR PROFESSIONALS

7,5	75	42973	6,0	10	13,6	T-30	•	50	500	24.000
	85	42975	6,0	20	13,6	T-30	•	50	500	24.000
	95	42977	6,0	30	13,6	T-30	•	50	500	24.000
	115	42979	6,0	50	13,6	T-30	•	50	500	24.000

• = according to ETA 05/0011

Type: MMS-P pan head

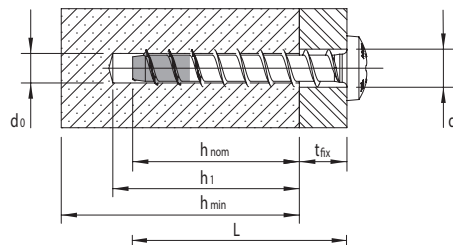
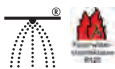
Material: stainless steel A5 1.4571



Surface: self-colour, tip phosphated

Color code
HECO-Label

Recess: T-Drive

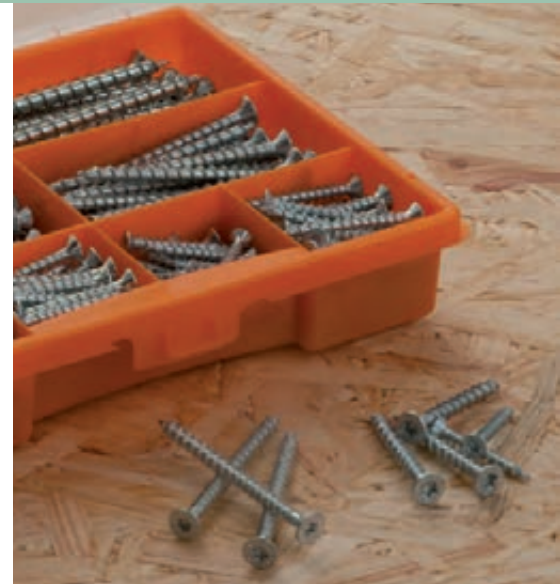


Size D x L [mm]	Article No.	Drill diameter d ₀ [mm]	Clamping strength t _{fix} [mm]	Head diameter [mm]	Recess	Approvals	Packing unit [pcs.]	Pieces per outer carton [pcs.]	Pieces per pallet [pcs.]
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VARIANTA - BOXES FOR PROFESSIONALS

7,5	75	42981	6,0	10	13,6	T-30	•	50	500	24.000
	85	42983	6,0	20	13,6	T-30	•	50	500	24.000
	95	42985	6,0	30	13,6	T-30	•	50	500	24.000
	115	42987	6,0	50	13,6	T-30	•	50	500	24.000

• = according to ETA 05/0011



HECO® Accessories

PRODUCT INFORMATION

Assortment boxes
HECO-FIX-plus®

Plastic boxes HECO-UNIX

Caps

- T-Drive
- PZD
- with centre drilled hole

Screw-driver-bits

- T-Drive
- PZD
- H-Drive
- Bitbox-Selector
- ClicFix quick change tool holder

Installation tools MMS-TC

HECO®-gauges for
MULTI-MONTI®-plus

HECO® Decking assortment

- HECO®-Decking gliderset
- HECO®-Clipperset
- HECO®-Decking pads
- HECO®-Adjustable decking supports
- HECO®-Decking spacers
- HECO®-Decking board clamp
- HECO®-Decking drill bit and HECO®-replacement HHS drill bit

Washers

Setting tool

Design support

- HCS-Calculation software

The right accessories for our screws



ACCESSORIES OVERVIEW



Assortment boxes HECO-FIX-plus®



Plastic boxes HECO-UNIX



Caps



Bits



ClicFix quick change tool holder



Installation tools MMS-TC



HECO®-gauges



HECO® Decking assortment



Washers



Setting tool



Design support



Assortment boxes HECO-FIX-plus®

PRODUCT INFORMATION

- An assortment of HECO-FIX-plus® screws in a durable steel box

Type

- PZD, bright zinc plated
- PZD, yellow zinc plated
- T-Drive, bright zinc plated
- T-Drive, yellow zinc plated





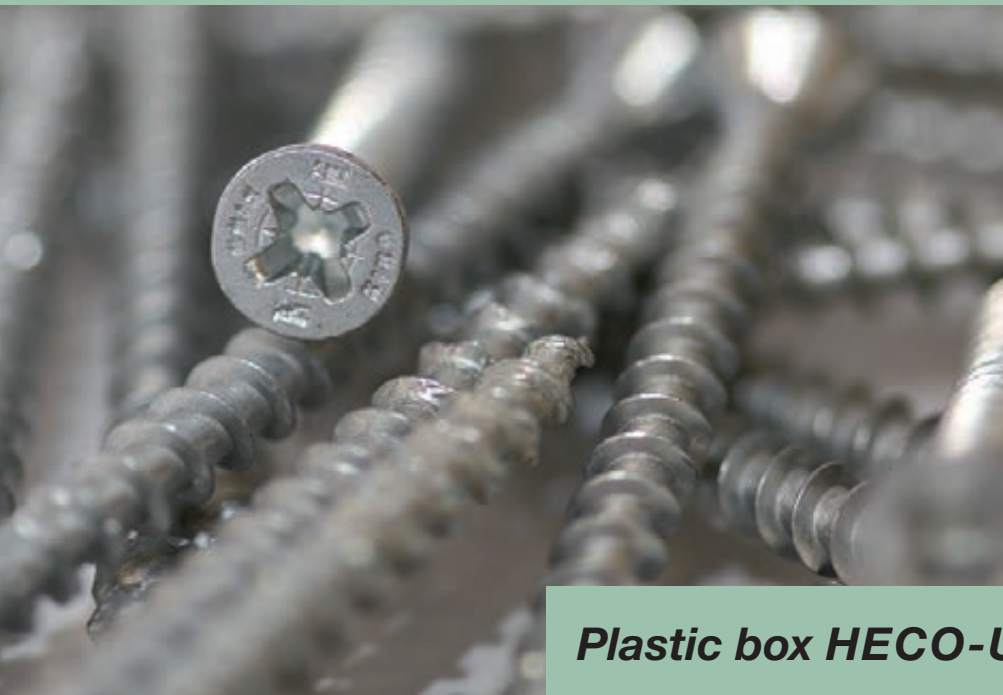
Type: assortment of HECO-FIX-plus® screws in steel boxes

Type	Recess	Surface	Article No.	Box
HECO-FIX-plus®	PZD	bright zinc plated, A2K	35560	steel box
HECO-FIX-plus®	PZD	yellow zinc plated, A2L	35562	steel box
HECO-FIX-plus®	T-Drive	bright zinc plated, A2K	35561	steel box
HECO-FIX-plus®	T-Drive	yellow zinc plated, A2L	35563	steel box

Type: assortment of HECO-FIX-plus® screws in steel boxes

RANGE

Type	Size D x L [mm]	Thread	Quantity [pcs.]
ASSORTMENT BOXES HECO-FIX-PLUS®, PZD			
	3,5 x 15	FT	350
	x 20	FT	280
	x 25	FT	200
	x 30	FT	160
	x 35	FT	130
	x 40	FT	100
	4,0 x 20	FT	200
	x 30	FT	130
	x 35	FT	100
	x 40	FT	80
	4,5 x 50	FT	60
	5,0 x 50	FT	50
	x 60	FT	50
	x 70	FT	30
	6,0 x 60	FT	30
	x 70	FT	20
	x 100	PT	40
Bit PZD-2			1
Bit PZD-3			1
ASSORTMENT BOXES HECO-FIX-PLUS®, T-DRIVE			
	3,5 x 20	FT	300
	x 25	FT	200
	x 30	FT	180
	4,0 x 30	FT	300
	x 35	FT	100
	x 40	FT	200
	4,5 x 40	FT	90
	x 50	FT	70
	5,0 x 60	FT	60
	x 80	PT	90
	6,0 x 100	PT	40
	x 120	PT	40
	Bit T-15		
Bit T-25			1



Plastic box HECO-UNIX

PRODUCT INFORMATION

- An assortment of HECO-UNIX screws in plastic boxes

Type

- PZD, bright zinc plated
- T-Drive, bright zinc plated
- HECO-UNIX-plus and HECO-UNIX-top





Type: assortment of HECO-UNIX screws in plastic boxes

Type	Recess	Surface	Article No.	Box
HECO-UNIX-plus	PZD	bright zinc plated, A2K	45494	plastic box
HECO-UNIX-plus	T-Drive	bright zinc plated, A2K	45715	plastic box
HECO-UNIX-top	T-Drive	bright zinc plated, A2K	45495	plastic box

Type: assortment of HECO-UNIX screws in plastic boxes

RANGE

Type	Size D x L [mm]	Quantity [pcs.]
PLASTIC BOX HECO-UNIX-PLUS, PZD		
	3,5 x 20	60
	x 35	40
	4,0 x 25	40
	x 40	40
	4,5 x 60	40
	5,0 x 80	25
	6,0 x 120	20
	Bit PZD-2	1
	Bit PZD-3	1
PLASTIC BOX HECO-UNIX-PLUS, T-DRIVE		
	3,5 x 20	60
	x 35	40
	4,0 x 25	40
	x 40	40
	4,5 x 60	40
	5,0 x 80	25
	6,0 x 120	20
	Bit T-15	1
	Bit T-20	1
Bit T-25	1	
Bit T-30	1	
PLASTIC BOX HECO-UNIX-TOP, T-DRIVE		
	3,5 x 30	40
	4,0 x 35	40
	x 40	40
	4,5 x 40	40
	4,5 x 60	40
	5,0 x 70	30
	6,0 x 120	20
	Bit T-15	1
	Bit T-20	1
Bit T-25	1	
Bit T-30	1	

Sale per outer carton with 10 plastic boxes



Caps

PRODUCT INFORMATION

- Plastic caps for screws
- Available in common RAL colours
- Other colors possible on request




for HECO® Countersunk head screws



The plastic caps are perfect for HECO® Countersunk head screws

Type: HECO®-Caps for PZD, T-Drive and PZD with centre drilled hole

packed in plastic bags per 500 pieces

Type	Size of recess	Diameter [mm]	RAL	Colour	Article No.	Unit [pcs.]
CAPS PZD WITH CENTRE DRILLED HOLE¹⁾						
	2,4	12	1001	beige	19846	500
	2,4	12	8001	brown	19865	500
	2,4	12	8007	fawn brown	19866	500
	2,4	12	8011	nut brown	19868	500
	2,4	12	8012	red brown	19869	500
	2,4	12	9005	black	19872	500
	2,4	12	9010	white	19874	500
CAPS PZD						
	2	12	1001	beige	19885	500
	2	12	8001	brown	19914	500
	2	12	8007	fawn brown	20140	500
	2	12	8011	nut brown	19897	500
	2	12	8012	red brown	19898	500
	2	12	9005	black	19899	500
	2	12	9010	white	19900	500
	3	12	1001	beige	19902	500
	3	12	8001	brown	19907	500
	3	12	8007	fawn brown	19908	500
	3	12	8011	nut brown	19909	500
	3	12	8012	red brown	19910	500
	3	12	9005	black	19911	500
	3	12	9010	white	19913	500
	CAPS T-DRIVE AND H-DRIVE					
	15	12	8011	nut brown	19925	500
	15	12	9005	black	19921	500
	15	12	9010	white	19923	500
	20	12	8011	nut brown	48711	500
	20	12	9005	black	48713	500
	20	12	9010	white	39844	500
	25	15	8011	nut brown	19922	500
	25	15	9005	black	19926	500
	25	15	9010	white	19939	500

¹⁾The corresponding screws with centre drilled hole can be found on pages 73 and 74

Additional colours are possible for quantities over 50.000 pieces, RAL code should be indicated - Price on request



Standard screw-driver-bits


PRODUCT INFORMATION

- Branded bits - especially made for HECO®
- Matching system of screws and bits:
 - Better accuracy
 - Optimal force transmission
 - Less slipping
- Higher durability




Bits and quick change tool holder for HECO® screws with PZD, T-Drive- and H-Drive




Type: ClicFix quick change tool holder, magnetic, form E 6.3, anodized aluminium, packed per 1 piece in Blister packing

Type	Article No.	Unit [pcs.]
ClicFix quick change tool holder, magnetic	48541	1
		

Type: screw-driver-bits for HECO® screws with PZD, T-Drive and H-Drive, packed per 10 pieces in Blister packing

Type	Size of recess	Article No.	Unit [pcs.]
SCREW-DRIVER-BIT PZD			
	PZD-1	37321	10
	PZD-2	37322	10
	PZD-3	37323	10
SCREW-DRIVER-BIT T-DRIVE			
	T-8	37324	10
	T-10	37325	10
	T-15	37326	10
	T-20	37327	10
	T-25	37328	10
	T-30	37329	10
	T-40	37330	10
SCREW-DRIVER-BIT H-DRIVE			
	HD-20	48052	10

Type: screw-driver-bits for HECO® screws with PZD and T-Drive packed in the practical HECO®-Bitselector

Type	Size of recess	Article No.	Unit [pcs.]
HECO®-Bitselector mixed	various	46953	1
RANGE			
	1 x PZD-1	1 x T-10	1 x T-20
	2 x PZD-2	1 x T-15	1 x T-30
	1 x PZD-3	1 x T-25	1 x T-40
	1 x bit adapter 1/4"		



Installation-Tools MMS-TC

PRODUCT INFORMATION

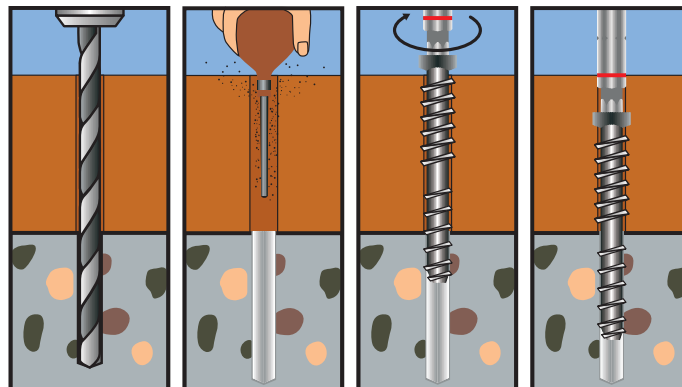
- The appropriate and prescribed setting tool for MMS-TC
- Branded bits - especially made for HECO®
- Approved according to DIBt-approval no. Z-21.1-1879
- Setting depth index for MMS-TC
- Matching system of screws and bits
 - Better accuracy
 - Optimal force transmission
 - Less slipping
- Higher durability



For the correct mounting of MULTI-MONTI®-TimberConnect



THE RIGHT WAY TO INSTALL



Type: installation tools for MULTI-MONTI® TimberConnect

Type	Size of recess	Article No.	Unit [pcs.]	For use with
INSTALLATION-TOOLS FOR MMS-TC SCREW-IN-ANCHORS				
MMS-TC installation tool T-30	with T-Drive bit	43603	1	MMS-TC 7,5
MMS-TC installation tool T-45	with 1/2" socket wrench drive	47095	1	MMS-TC 10
MMS-TC installation tool T-50	with 1/2" socket wrench drive	43605	1	MMS-TC 12

The corresponding MMS-TC can be found on page 181 and 190



HECO®-gauges


PRODUCT INFORMATION

- Metal gauge to check the thread diameter of MMS-plus 10 to MMS-plus 20 incase of reusability by temporary fastenings
- Material: stainless steel

Abrasion control with gauge for multiple use of MMS-plus screw anchor



Type: HECO®-gauges for checking reusability of MULTI-MONTI®-plus

Type	Anchor size	Gauges diameter [mm]	Gauges length [mm]	Article No.
HECO®-GAUGES				
	MMS-plus 10	9,5	24	47792
	MMS-plus 12	11,5	32	47793
	MMS-plus 16	15,5	36	47794
	MMS-plus 20	19,5	58	47795

The corresponding screw anchor MMS-plus can be found on pages 170 up to 178



HECO®-Decking gliderset

PRODUCT INFORMATION

Decking gliders for grooved decking boards

- Even spacings of decking boards automatically achieved
- Constructive wood protection, no wood on wood, enabling optimal ventilation of decking
- Easy assembling with HECO-TOPIX® decking glider screw
- One screw per fixture (less fastenings)

Decking glider screw

- HECO-TOPIX® decking glider screw with cylindrical head
- Diameter of 4,5 mm, length 50 mm
- Stainless steel in A2-quality
- HECO-Drive HD-20 singlehanded insertion of screws (stick-fit effect even in screws made of stainless steel)
- The cylindrical head tuned to match the system fits neatly between the decking boards

Weather resistant packaging in plastic boxes

- Two sizes of packaging; 30 or 80 pieces per packing unit
- Sets of screws and decking gliders, units of 80 pieces per box with included HD-20 bit
- Including laying instructions

The full packet for quick and simple fastening of deckings






Type: HECO®-Decking glider assortment in weather-resistant plastic boxes

Type	Article No.	Unit [pcs.]
Small decking set with centrepieces	48715	1
Large decking set with centrepieces	48716	1
Small decking set with edge pieces	48717	1

Type: HECO®-Decking glider assortment in weather-resistant plastic boxes

RANGE

Type	Quantity [pcs.]					
SMALL DECKING SET WITH CENTREPIECES						
	Decking glider centrepiece 30					
	HECO-TOPIX® decking glider screw 30					
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LARGE DECKING SET WITH CENTREPIECES						
	Decking glider centrepiece 80					
	HECO-TOPIX® decking glider screw 80					
	Bit HECO-Drive (Recess: HD-20) 1					
<table border="1"> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> </table>						
SMALL DECKING SET WITH EDGE PIECES						
	Decking glider edge piece 30					
	HECO-TOPIX® decking glider screw 30					
	<table border="1"> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> </table>					

Small set of decking gliders covers up to 2 m² and a big set of decking gliders covers up to 7 m² of decking

Small decking set - Sale per outer carton with 4 plastic boxes

Large decking set - Sale per outer carton with 2 plastic boxes

Minimum order quantity: 1 outer carton



HECO®-Clipperset

PRODUCT INFORMATION

HECO®-Clipper

- Invisible fastener including HECO-TOPIX® - stainless steel screws, no screws in surface of floor boards
- Constructive wood protection, no wood on wood, enabling optimal ventilation of decking
- Spacers between the boards (5 mm), fast mounting with even layout
- Adjustable board sizes from 120 – 150 mm
- Locking pin enables easy mounting
- Waxing and waning of boards in each direction is possible
- Quick dismantling of construction without damage – ideal for rented housing (moving)

HECO-TOPIX®-Clipper screws

- HECO-TOPIX®-Clipper screws with pan head and T-drive recess for perfect fit
- Diameters of 4,0 mm, lengths of 25 and 30 mm
- Stainless steel in A2-quality

The invisible fastener for wooden or composite terrace flooring without grooves



Type: HECO®-Clipper with HECO-TOPIX®-Clipper screws, stainless steel A2

Type	Article No.	Unit [pcs.]
HECO®-CLIPPERSET	49773	1
RANGE		
50 pcs. HECO®-Clipper 120 – 150 mm		
150 pcs. HECO-TOPIX®-Clipper screws 4,0 x 25 mm (board thicknesses 20 – 24 mm)		
100 pcs. HECO-TOPIX®-Clipper screws 4,0 x 30 mm (board thicknesses 20 – 24 mm)		

Approximately 15 HECO®-Clippers are required per m²

Sale per outer carton with 2 units – Minimum order quantity: 1 outer carton

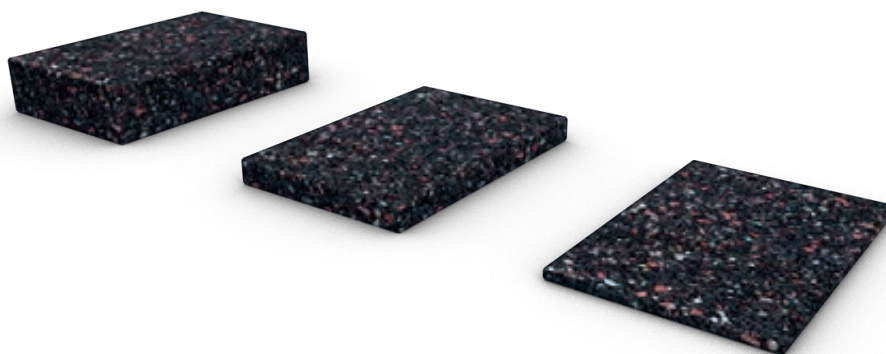


HECO®-Decking pads

PRODUCT INFORMATION

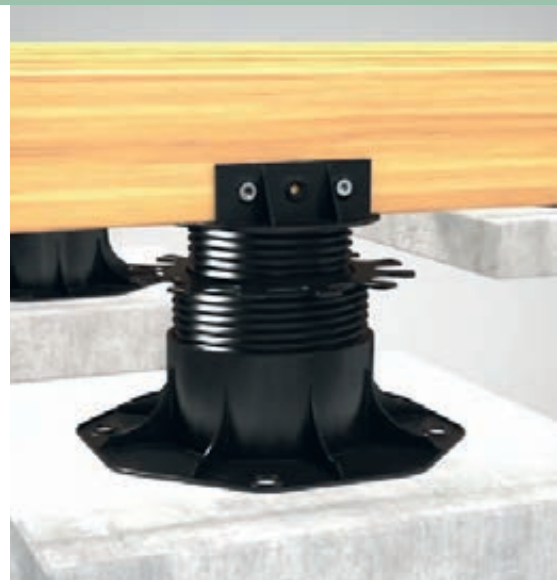
- Moisture control
- Sound insulation
- No water logging
- Rot proof
- Anti-slip
- The pads are available in 3 different thicknesses: 3, 8 and 20 mm (the 3 mm pad is to be used solely as adjustment)
- Recommended minimal thickness of pads underneath substructure is 8 mm

The safe base for all terraces



Type: HECO®-Decking pads (Adjustment pads)

Type height x depth x width [mm]	Article No.	Pack [pcs.]
HECO®-Decking pads 3 x 60 x 90	49770	1
HECO®-Decking pads 8 x 60 x 90	49771	1
HECO®-Decking pads 20 x 60 x 90	49772	1
COMPONENTS INCLUDED PER PACK		
60 pcs. HECO®-Decking pads 3 x 60 x 90 mm		
24 pcs. HECO®-Decking pads 8 x 60 x 90 mm		
12 pcs. HECO®-Decking pads 20 x 60 x 90 mm		



HECO®-Adjustable decking supports

PRODUCT INFORMATION

- Adjustable support made of rigid plastic propylene
- The adjustable support is continuously variable over its nominal range
- The necessary height can be adjusted easily by turning right or left even after mounting
- Very good ventilation of the decking system

Just the job for uneven terrain



Type: HECO®-Adjustable decking supports

Type	Article No.	Pack [pcs.]
HECO®-Adjustable decking supports 30 – 65 mm	49768	1
HECO®-Adjustable decking supports 60 – 150 mm	49769	1
COMPONENTS INCLUDED PER PACK		
36 pcs. HECO®-Adjustable decking supports 30 – 65 mm		
24 pcs. HECO®-Adjustable decking supports 60 – 150 mm		



HECO®-Decking spacers

PRODUCT INFORMATION

- The colouring of the spacers avoid making mistakes by taking the wrong sized spacers when laying the decking boards
- The form of the spacers avoids them slipping between the boards and disappearing into the gaps
- Even when held tightly the spacers can be removed easily thanks to the handle
- The edges of the spacers are chamfered to avoid pressure dents on the surface of the decking

Homogeneous pattern of joints even with bent decking boards



Type: HECO®-Decking spacers in plastic box

Type	Article No.	Unit [pcs.]
HECO®-DECKING SPACERS	49774	1
RANGE		
8 pcs. x 3 mm (blue spacers)		
8 pcs. x 5 mm (red spacers)		
8 pcs. x 7 mm (yellow spacers)		

Sale per outer carton with 4 units – Minimum order quantity: 1 outer carton



HECO®-Decking board clamp

PRODUCT INFORMATION

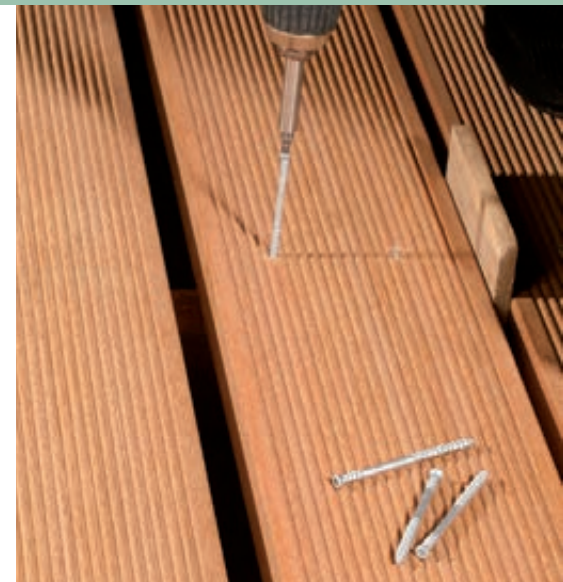
- Decking clamp with three spacers for the fastening of more boards at the same time
- Almost continuous widths can be adjusted
- Even high pressures can be achieved with low input of manpower
- Fixation of the decking boards can be processed without having to secure or hold the device constantly

Powerful, sturdy and flexible



Type: HECO®-Decking board clamp

Type	Article No.	Unit [pcs.]
HECO®-Decking board clamp	49767	1



HECO®-Decking board drill bit

PRODUCT INFORMATION

- High-quality decking board drill bit
- Combination of drill bit and countersinker
- For quick and optimal working without splitting
- No splitting of the board
- Replacement drill bits available as accessories

Decking boards - quickly and optimal mounted



Type: HECO®-Decking drill bit with depth stop and countersinker

Type	Drilling diameter [mm]	Article No.	Unit [pcs.]
HECO®-Decking drill bit	4	47375	1
HECO®-replacement HHS drill bit	4	47875	1

The corresponding decking screws can be found on pages 163 and 165



Washers

PRODUCT INFORMATION

- Washer for HECO-TOPIX® countersunk head screws for diameter 8 and 10 mm

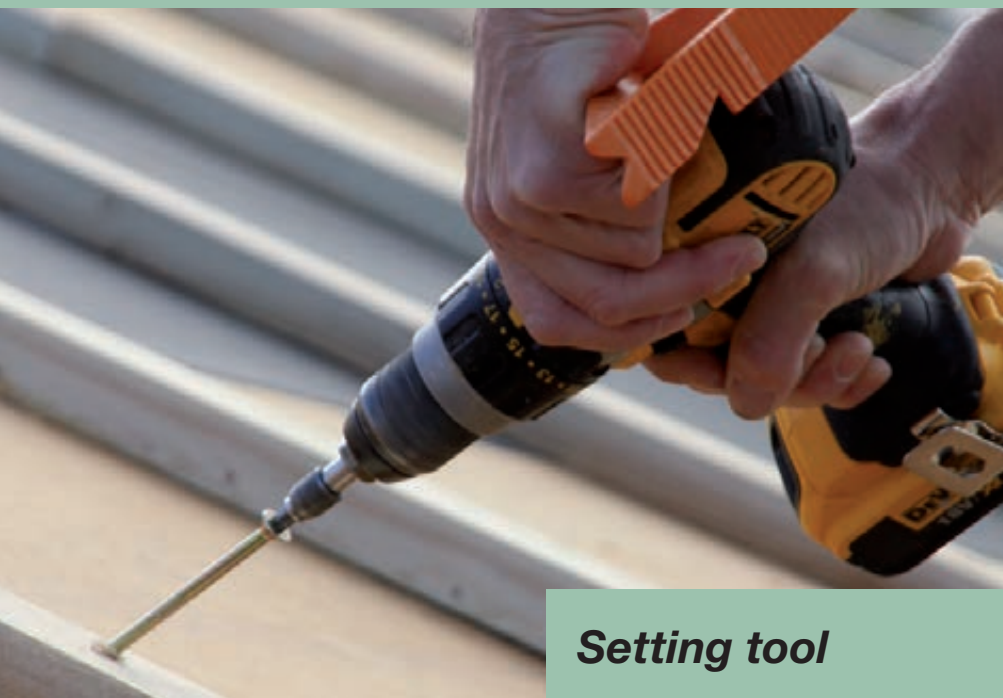
for HECO-TOPIX® Countersunk head screws



Type: washer for HECO-TOPIX® countersunk head screws for diameter 8 and 10 mm

bright zinc plated and yellow zinc plated, packed in SKV - small boxes per 50 pieces

Type	Diameter of the screw [mm]	Diameter of the washer [mm]	Surface	Article No.	Unit [pcs.]
HECO®-WASHERS					
	8	25	bright zinc plated, A2K	42260	50
	8	25	yellow zinc plated, A2L	22089	50
	10	30	bright zinc plated, A2K	42281	50
	10	30	yellow zinc plated, A2L	22090	50



Setting tool

PRODUCT INFORMATION

- Setting tool for HECO-TOPIX® Wood screws
- 60° and 45° angles to the surface
- Screw connections in an angle of 45° close to the edges are possible
- Index on the bottom
- Ribs prevent slipping of the tool

Setting tool for HECO-TOPIX® wood screws



Type: plastic setting tool, orange, 20 x 20 cm

Type	Article No.	Unit [pcs.]
Setting tool	45734	1

The corresponding HECO-TOPIX® wood screws, HECO-TOPIX®-T and HECO-TOPIX®-CC can be found on pages 124, 125, 137, 141 and 143



Design support

PRODUCT INFORMATION

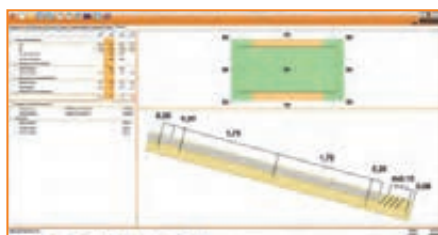
- Professional planning tool
- Calculation of HECO® products
- Tools:
 - Anchor design
 - Fixing for railing
 - On-rafter insulation
 - Lifting verification
 - Timber construction design
 - Façade, etc.
- Easy handling
- Printouts with installation drawings
- HECO®-HCS is available as a free download or on a CD

HECO® Calculation software HCS





CALCULATION-TOOLS (17 different calculation tools are available)



On-rafter insulation



Connection main beam/secondary beam



Fixing for railing



Type: the HECO®-HCS Calculation software is available as a free download or CD-ROM

Type	Article No.	Unit [pcs.]
HECO®-HCS Calculation software	42531	1

GENERAL TERMS AND CONDITIONS

1. SALES

All offers only apply if a decision is made immediately. The following standard terms of sale apply to the present contract and to all future contracts, even if our terms are not referred to again later; they apply to the exclusion of any standard contract terms of the purchaser, even if we have not expressly rejected these. We accept no responsibility for terms agreed by our salespeople or travelling representatives separately from these terms of sale. Sales and special terms agreed by our salespeople or travelling representatives are subject to our express confirmation.

2. PRICES

The prices agreed are calculated on the basis of our current costs. Should costs unexpectedly increase before the date of call-off or delivery, we expressly reserve the right to adjust our sale prices accordingly, including for the present transaction. Unless otherwise agreed, the prices apply from our plant and exclude packing. If franco prices are agreed, we will deliver the goods unstamped on an ex station basis. Normal freight costs actually incurred will be included on the invoice. Within Germany all consignments exceeding € 400 net will be delivered free of charge. Prices are subject to the addition of VAT at the current statutory rate. For consignments below € 120 there will be a minimum volume surcharge of € 25.

3. PACKING

We do not take back paper or cardboard packing materials. In the case of consignments with a net value exceeding € 400 we do not charge for packing. We use only standard packing materials. If smaller amounts are ordered, we will round up accordingly.

4. DELIVERY TIMES

- 1) The delivery times which we quote are in all cases only approximate.
- 2) In the event of action in connection with labour disputes, in particular strikes and lockouts, or of unforeseen difficulties beyond our control which can be shown to have a significant effect on the production or delivery of the item to be supplied, the delivery period will be extended accordingly. This will also apply if such circumstances affect our own suppliers. We cannot be held responsible for the above mentioned circumstances, even if they arise at a time when we are already in arrears. In important cases we will inform the Orderer as soon as possible when such difficulties commence and cease to apply.
- 3) If we are in arrears as defined in these terms of delivery and the Orderer then grants us a reasonable extension of deadline accompanied by an express warning that after the expiry of this period he will refuse to accept delivery, the Orderer will be entitled to withdraw from the contract if the extended deadline is not met. To the extent legally possible, any more far-reaching claims of the Orderer are hereby excluded, in particular including claims to rescission, termination, a reduction of the price or compensation for losses of whatever kind, including damage not suffered to the item ordered itself.
- 4) Should an unforeseen event as specified in Subsection 4.2 of these terms of delivery occur which significantly alters the economic significance or the nature of what is to be supplied or has a significant effect on our business, or should it later turn out to be impossible to execute the order, the contract will be amended as appropriate. If this is not economically reasonable, we will be entitled to withdraw from the contract in whole or in part. The Orderer will not be entitled to claim damages on the basis of such a withdrawal.
- 5) If the Orderer suffers a loss due to a delay for which we are to blame, he will be entitled to claim compensation for that delay, subject to the exclusion of all further claims. This compensation will be equivalent to half a percent for each full week of delay up to a maximum of five percent of the value of that proportion of the whole delivery which due to the delay either cannot be put into service on time or cannot be used in accordance with the terms of the contract.
- 6) Adherence to delivery periods is conditional on the Orderer fulfilling his contractual obligations.

5. DISPATCH

Delivery will in all cases be at the expense and risk of the consignee. All consignments will be arranged in accordance with our best judgment, but without any responsibility for selecting the cheapest and quickest form of transport.

6. CREDITWORTHINESS

We will only enter into a business relationship and supply on credit if we receive a satisfactory credit report. We will not be bound even if an order is confirmed before the receipt of a report.

7. PAYMENT

Unless otherwise agreed in writing, our invoices are payable in cash within 14 days of the invoice date less a 3% discount or within 30 days net. If a payment deadline is not met, we reserve the right to charge interest on arrears at the normal private bank interest rate. If we receive an unsatisfactory report or if the Orderer's financial position deteriorates, we will be entitled to require the outstanding balance and we reserve the right to withdraw from current contracts. If a due invoice is not paid even after two formal reminders, all other outstanding invoices will become due immediately and we reserve the right to require their immediate payment in cash, even if the agreed deadlines have not yet expired.

8. RESERVATION OF TITLE

We reserve title to items supplied until all claims against the Orderer arising out of the business relationship have been settled, including claims arising in future on the basis of contracts concluded at the same time or later. This will apply even if some or all claims have been placed in a current account and the balance struck and accepted to be correct. If the Orderer commits a breach of contract, in particular if he falls into arrears with payment, we will, after issuing a formal reminder, be entitled to take back the item supplied and the Orderer will be under an obligation to hand over that item. Unless the German Hire Purchase Act [Abzahlungsgesetz] applies, the taking back or seizure of goods by us will only represent withdrawal from the contract if we state this expressly in writing. The Orderer must inform us immediately in writing in the event of seizure or other action by third parties which affects items supplied. The Orderer is entitled to resell the supplied items in the normal course of business. However, he hereby assigns to us with immediate effect all claims which may accrue to him against the purchaser or third parties out of such a resale, regardless of whether items subject to our reservation of title (reserved items) are resold with or without further processing. The Orderer remains entitled to collect such claims after the above assignment. This does not affect our authority to collect them ourselves, but we undertake not to collect such claims as long as the Orderer meets his payment obligations as agreed. We may demand that the Orderer supplies us with details of the claims assigned and the relevant debtors, provides us with all of the information necessary for collection, hands over the relevant documents and notifies the debtors of the assignment. If an item supplied is resold together with other goods which do not belong to us, a share of the Orderer's claim against the purchaser equivalent to the sale price agreed between us and the Orderer is hereby assigned.

Any processing or transformation of reserved items by the Orderer is in all cases carried out on our behalf. If a reserved item is processed together with other items which do not belong to us, we will acquire joint title to the new item in proportion to the ratio of the value of the reserved item to that of the other items processed at the time of processing. Furthermore, the same applies to the item produced by processing as to the reserved item. We hereby undertake to release securities to which are entitled to the extent that their value exceeds the claims to be secured and not yet satisfied by more than 20%.

9. WARRANTY

- 1) Complaints about immediately detectable defects, in particular incomplete consignments, will only be accepted up to 8 days after receipt of the goods.
- 2) If goods arrive damaged, a written record of the facts must be demanded from the transport firm or postal or parcels service concerned in order to preserve the right to claim damages against them.
- 3) In the case of defects in consignments, including the absence of expressly guaranteed characteristics, we undertake, subject to the exclusion of all further claims, to repair or replace at our discretion, free of charge, all items which turn out to be unusable or of not insignificantly reduced usefulness within 6 months of their being put into service due to a circumstance which applied before the passing of risk. We must be notified immediately in writing if such defects are discovered. Replaced items will become our property.
- 4) The Orderer will be entitled to withdraw from the contract if we culpably fail to meet a reasonable extended deadline granted to us for a repair or replacement which is necessary because of a defect within the meaning of the terms of delivery for which we are responsible. The Orderer is also entitled to withdraw if we are incapable of repairing or replacing an item or if it is impossible for us to do so.
- 5) To the extent legally permissible, all other more far-reaching claims by the Orderer, in particular to rescission, termination, reduction of the price and compensation for losses of whatever kind, including damage which is not suffered to the item to be delivered itself, are hereby excluded.

10. DEFECTS OF QUALITY

- 1) The quality of the goods will be exclusively as specified in the agreed technical delivery terms. If we are instructed to supply items on the basis of drawings, specifications, samples etc. supplied by our contract partner, the latter must bear responsibility for their suitability for their intended use. The relevant time for the determination of whether items are as contractually agreed is the time of the passing of risk.
- 2) We are not responsible either for defects of quality resulting from inappropriate or improper use, incorrect assembly/installation/putting into service by our contract partner or a third party, normal wear and tear or incorrect or careless treatment, or for the results of inappropriate modifications or repair work carried out without our consent by our contract partner or a third party. The same applies to defects which reduce the value or usefulness of the goods concerned only to an insignificant degree.
- 3) Claims based on defects of quality will expire by limitation as prescribed by law, unless otherwise agreed.

11. OTHER CLAIMS, LIABILITY

- 1) Unless otherwise specified below, any other more far-reaching claims against us by our contract partner are hereby excluded. This applies in particular to claims for damages based on breaches of obligation or on tort. We are therefore not liable for damage or loss which is not suffered to the items to be delivered themselves. Above all, we are not liable for loss of profit or any other pecuniary losses suffered by our contract partner.
- 2) The above limitations of liability do not apply in the case of deliberately caused loss, gross negligence by our legal representatives or executive staff or culpable breach of essential contractual obligations. In the case of a culpable breach of essential contractual obligations we are – except in cases of deliberately caused loss or gross negligence by our legal representatives or executive staff – only liable for reasonably foreseeable losses typical of the type of contract concerned.
- 3) The above limitation does not apply either to liability under the German Product Liability Act [Produkthaftungsgesetz] for personal injury or damage to items in private use resulting from defects in goods supplied. Neither does it apply to injury to life, limb or health or the absence of guaranteed characteristics, if and to the extent that such a guarantee was provided specifically for the purpose of protecting our contract partner against losses not suffered to the items supplied themselves.
- 4) Exclusions or restrictions of our liability apply equally to the personal liability of our employees, legal representatives and vicarious assistants.
- 5) The above is without prejudice to legal provisions governing the burden of proof.

12. RETURN OF GOODS

We will only take goods back by prior agreement. If goods are returned through no fault of ours, we reserve the right to deduct the costs which we incur from the amount credited.

13. CUSTOMISED PRODUCTION

Over- or underproduction by up to 10% is permissible.

14. PLACE OF PERFORMANCE

The place of performance for all obligations arising out of the business relationship is Schramberg.

15. LEGAL VENUE

The Local Court [Amtsgericht] in Oberndorf/Neckar.

16. AGREEMENTS

Agreements which deviate from the above will only be binding on us if they are confirmed by both parties in writing.

Schramberg, July 1st, 2016

HECO-Schrauben GmbH & Co. KG



Safe and secure



HECO-Schrauben GmbH & Co. KG

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