



HECO[®] ***Decking assortment***

THE PERFECT SOLUTIONS FOR
OUTDOOR DECKING INSTALLATION



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***Fixings for all kinds of timber and
composite deckings***



The HECO® decking assortment – The perfect system for outdoor timber fixing

A terrace is the perfect place to enjoy the garden and warm weather. Especially wood terraces create a cosy atmosphere and are very popular. Moisture, fluctuating temperatures and dirt: the constant demands on outdoor screws are many and varied.

The use of A2 stainless steel screws or A4 stainless steel screws in the case of particularly tannic woods and poolside decking, guarantees a high degree of corrosion resistance.

In order to meet these various requirements, HECO® has developed two decking screws: the standard screw with a small countersunk head and the decking screw with a small raised countersunk head, secondary thread and coated. Both types are available in A2 and A4 stainless steel and in two different types of packaging.

HECO® does not only offer the perfect screw for each type of wooden decking but in addition provides you with the right type of substructure too. Convince yourself!



**Two screws, two grades of
stainless steel – HECO-TOPIX®
decking screws**



**A4 stainless steel should be used when
particularly high demands are placed on the
ability to resist corrosion; such as for
poolside and seaside decking as well as
when highly tannic woods are used.**



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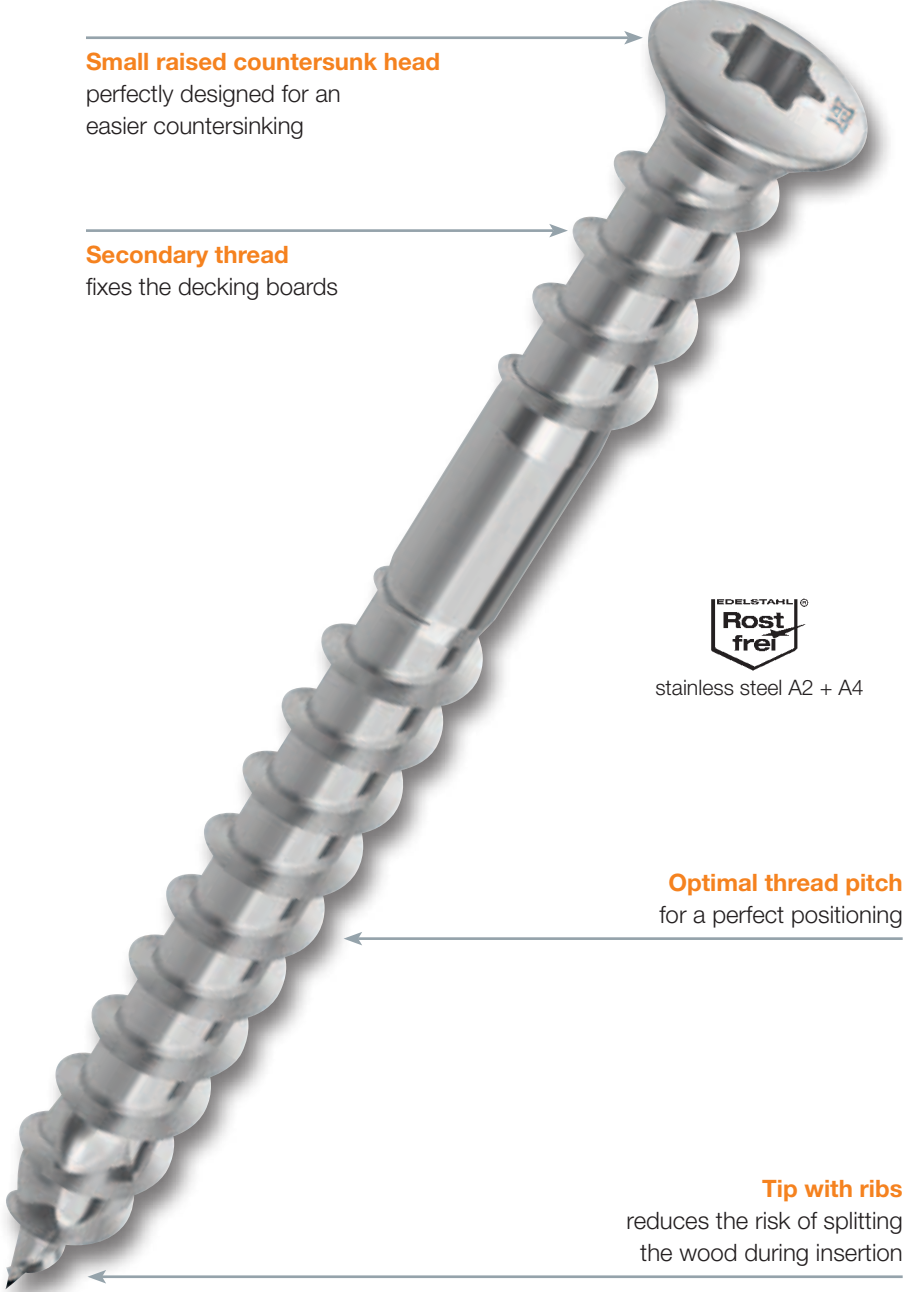
**HECO-TOPIX®
decking screw with
secondary thread**

**Timberdeckings visually
attractive and mounted
without creaking**

- Reduced spreading effect due to the patented HECO-TOPIX® thread
- Can be used in hardwood (predrilling recommended)
- Special coating for lower driving torques and an easy screwing out
- 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



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Small raised countersunk head
perfectly designed for an easier countersinking

Secondary thread
fixes the decking boards

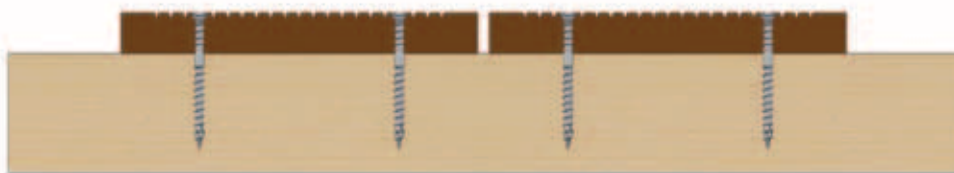


stainless steel A2 + A4

Optimal thread pitch
for a perfect positioning

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

INSTALLATION OF HECO-TOPIX® DECKING SCREWS, SECONDARY THREAD

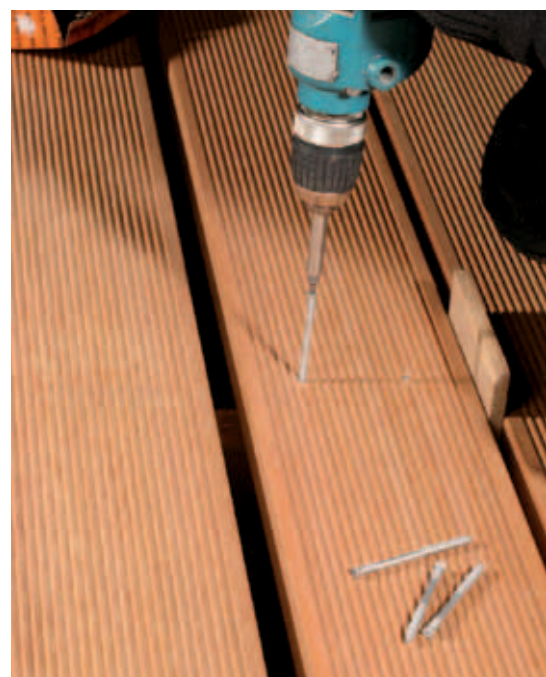


The boards are installed perpendicular to the direction of installation of the substructure.

The decking boards should be predrilled using a HECO® decking board drill bit. This combines two steps in one and achieves a proper result. Furthermore, predrilling offers an easier driving in. The torsional load on the screw is reduced and thus the risk of damaging it. Besides, there is less risk of wood splitting and cracking. Each board is fixed to the substructure with at least two screw connections.



To achieve a proper result, we recommend predrilling in hard and tropical deckings.



PRODUCT RANGES STAINLESS STEEL A2 AND A4

Stainless steel A2 1.4567		HECO-TOPIX® decking screws with secondary thread, small raised countersunk head, T-Drive, stainless steel A2, self-colour, coated	
D x L (mm)	Article no.	Recess	Pieces per box
Professional box			
5 x 40	49152	T-20	200
5 x 50	49155	T-20	200
5 x 60	49158	T-20	200
5 x 70	49161	T-20	200
5 x 80	49164	T-20	200
Plastic box			
5 x 50	49156	T-20	500
5 x 60	49159	T-20	350
5 x 70	49162	T-20	350
5 x 80	49165	T-20	350



The decking screws are available in the practical VARIANTA packaging for professionals or in the new plastic boxes.

Stainless steel A4 1.4578		HECO-TOPIX® decking screws with secondary thread, small raised countersunk head, T-Drive, stainless steel A4, self-colour, coated	
D x L (mm)	Article no.	Recess	Pieces per box
Professional box			
5 x 40	49167	T-20	200
5 x 50	49169	T-20	200
5 x 60	49171	T-20	200
5 x 70	49173	T-20	200
5 x 80	49175	T-20	200



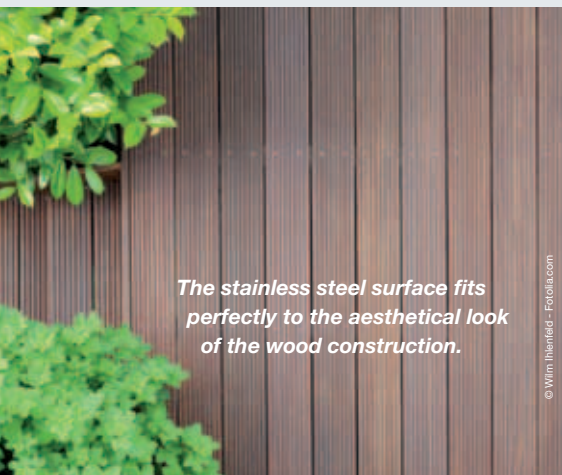


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HECO-TOPIX® decking screw with countersunk head

Decking boards easily und safely mounted

- Reduced spreading effect thanks to the patented HECO-TOPIX® thread
- Small head with milling ribs for easy and neat countersinking
- T-25 drive for optimal power transfer during insertion
- Special coating for lower driving torques
- Can be used in hardwood (predrilling recommended)
- No sticking to the screw shaft
- A2 and A4 stainless steel for outdoor construction work



The stainless steel surface fits perfectly to the aesthetical look of the wood construction.

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

Shank ribs
permit easy and
stress-free driving



stainless steel A2 + A4

High thread pitch
for faster insertion

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



INSTALLATION OF HECO-TOPIX® DECKING SCREWS, COUNTERSUNK



The fixation is also here perpendicular to the direction of installation of the substructure. The decking boards should be predrilled using a HECO® decking board drill bit. This

combines two steps in one and achieves a proper result. Furthermore, predrilling offers an easier driving in. The torsional load on the screw is reduced and thus the risk of

damaging it. Besides, there is less risk of wood splitting and cracking. Each board is fixed to the substructure with at least two screw connections.

PRODUCT RANGES STAINLESS STEEL A2 AND A4

Stainless steel A2 1.4567		HECO-TOPIX® decking screws, countersunk with cutting ribs, T-Drive, part threaded stainless steel A2 self-colour, coated	
D x L (mm)	Article no.	Recess	Pieces per box
Professional box			
5 x 40	40818	T-25	200
5 x 45	41197	T-25	200
5 x 50	40801	T-25	200
5 x 60	40799	T-25	200
5 x 70	40797	T-25	200
5 x 80	40794	T-25	200
Plastic box			
5 x 50	47255	T-25	500
5 x 60	47256	T-25	350
5 x 70	47257	T-25	350
5 x 80	47258	T-25	350

Stainless steel A4 1.4578		HECO-TOPIX® decking screws, countersunk with cutting ribs, T-Drive, part threaded stainless steel A4 self-colour, coated	
D x L (mm)	Article no.	Recess	Pieces per box
Professional box			
5 x 40	47201	T-25	200
5 x 50	47203	T-25	200
5 x 60	47205	T-25	200
5 x 70	47207	T-25	200
5 x 80	47209	T-25	200



The screws are available in the practical VARIANTA packaging for professionals or in the new plastic boxes.



Plastic box

- Weather resistant
- Larger box
- Stackable
- Reusable (once empty)
- Hang up is possible
- Easy handling on the construction site

HECO®- DECKING GLIDERSET

The full packet for quick and simple fastening of deckings



Decking gliders for grooved decking boards

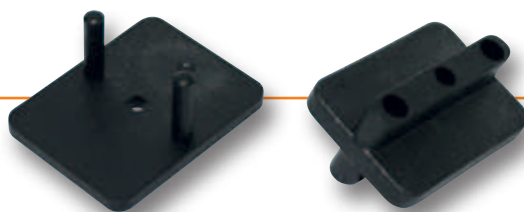
- Even spacings of decking boards automatically achieved
- Constructive wood protection, no wood on wood, enabling optimal ventilation of decking
- Easy assembling with HECO-TOPIX® decking glider screw
- One screw per fixture (less fastenings)

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

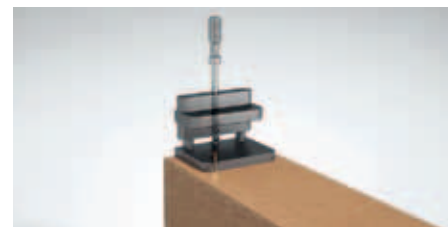


The HECO®-Decking glider assortment for the mounting of grooved decking boards

THE FASTENING OF DECKINGBOARDS WITH A GROOVE



Place the glider and predrill the substructure if necessary



Preassemble the gliders with the decking screws



Do not insert the screw completely to maintain enough space for the setting of the decking boards



After the decking boards have been mounted correctly the next glider is placed on the substructure and pushed into the groove (min. width 5 mm and min. depth 10 mm) of the deckingboard



The decking gliders are preassembled and the previous glider is tightened properly. The following decking board can now be put in place



In a few steps an even unscathed surface is achieved. The screws disappear in the gaps between the boards securing them firmly

COMPONENTS AND ASSORTMENT

The HECO®-Decking glider assortment in weather-resistant plastic boxes

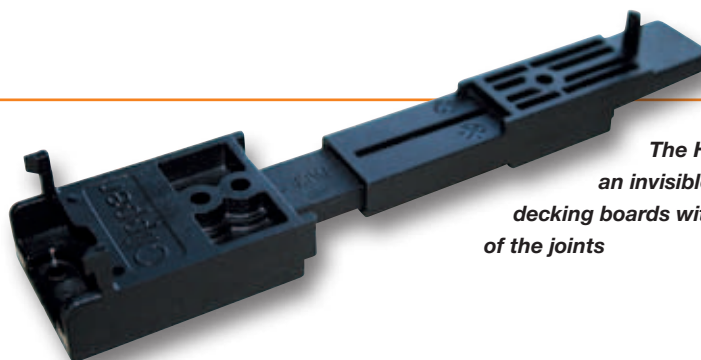
Type	Article no.	Unit [pcs.]
Small decking set with centrepieces	48715	1
30 pcs. Decking glider centrepiece		
30 pcs. HECO-TOPIX® decking glider screw		
Large decking set with centrepieces	48716	1
80 pcs. Decking glider centrepiece		
80 pcs. HECO-TOPIX® decking glider screw		
1 pc. Bit HECO-Drive (Recess: HD-20)		
Small decking set with edge pieces	48717	1
30 pcs. Decking glider edge piece		
30 pcs. HECO-TOPIX® decking glider screw		

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

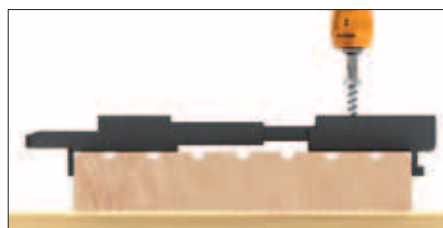
HECO®-CLIPPERSET

The invisible fastener for wooden or composite terrace flooring without grooves

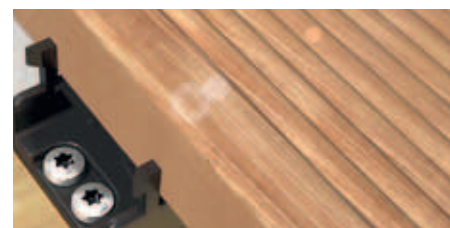


The HECO®-Clipper allows an invisible fastening of the decking boards with an even pattern of the joints

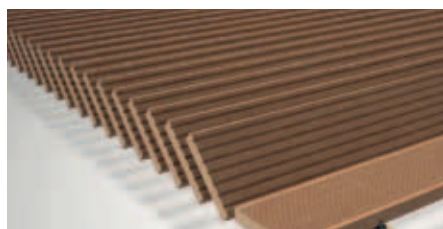
THE HIDDEN FASTENING OF DECKING BOARDS WITHOUT GROOVES



Place the first board upside down on the substructure. Adjust the HECO®-Clipper to the width of the board and fasten it by means of the HECO-TOPIX®-Clipper screws



Turn the board round and fix the Clipper to the substructure through the two still visible holes



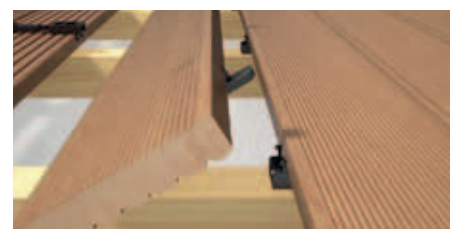
Place the remaining boards upside down in the correct position on the substructure



Mark the position of the HECO®-Clippers on the boards



Adjust the HECO®-Clippers to the width of the boards and fix them with the provided HECO-TOPIX®-Clipper screws



Turn the boards round and insert the Clippers as far as they will go into the already mounted fastening of the pre fixed board, then fasten the Clipper to the substructure

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

COMPONENTS AND ASSORTMENT

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

Type	Article no.	Unit [pcs.]
HECO®-Clipperset	49773	1 ¹⁾
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

¹⁾Order unit per set

HECO®-DECKING PADS

The safe base for all terraces

- 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

If wooden terraces are placed on substructures like concrete, asphalt, natural stone or layers of bitumen or artificial sealants the timber substructure has to be protected from moisture. A lot of water runs along the substructure in case of rain or melting snow. This water sucks its way into the construction between the substructure and the basement due to the physics of capillarity if the points of support are not performed professionally.

Permanently moist timber starts to rot very quickly. The demolition of the substructure takes its course.

By using HECO®-Decking pads this process can be reduced considerably. The special size of the components and the perfect arrangement/the optimized constitution of the rubber granulate avoids waterlogging and enables a swift flow of the water away from the timber supporting the substructure firmly at the same time.



The HECO®-Decking pads offer a wide range of constructional wood protection for substructures even on uneven surfaces

ASSORTMENT

HECO®-Decking pads (Adjustment pads)

Type height x depth x width [mm]	Article no.	Unit [pcs.]
60 pcs. HECO®-Decking pads 3 x 60 x 90	49770	1 ¹⁾
24 pcs. HECO®-Decking pads 8 x 60 x 90	49771	1 ¹⁾
12 pcs. HECO®-Decking pads 20 x 60 x 90	49772	1 ¹⁾

¹⁾Order unit per set

HECO®-ADJUSTABLE DECKING SUPPORTS

Just the job for uneven terrain

- 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
- The adjustable support is made out of a rigid plastics polypropylene



The HECO®-Adjustable decking supports permit adjustments of up to 120 mm on uneven grounds. By using the the HECO®-Decking pads even 142 mm are achievable

In addition to the HECO®-Decking pads the adjustable HECO® supports can be used to compensate big differences in height on very uneven grounds. The adjustable supports are able to be used as supports for all kinds of materials that can be used as substructures for deckings. If a decking is installed on very uneven ground

the adjustable supports are a simple and quick means to straighten surfaces. When mounting bigger decking areas on grounds with greater differences in heights the substructure should be reinforced with a diagonal bracing. Thus movements of the surface and toppling of the adjustable supports is avoided.

ASSORTMENT

HECO®-Adjustable decking supports

Type	Article no.	Unit [pcs.]
36 pcs. HECO®-Adjustable decking supports 30 – 65 mm	49768	1 ¹⁾
24 pcs. HECO®-Adjustable decking supports 60 – 150 mm	49769	1 ¹⁾

¹⁾Order unit per set

HECO®-DECKING SPACERS

Homogeneous pattern of joints even with bent decking boards

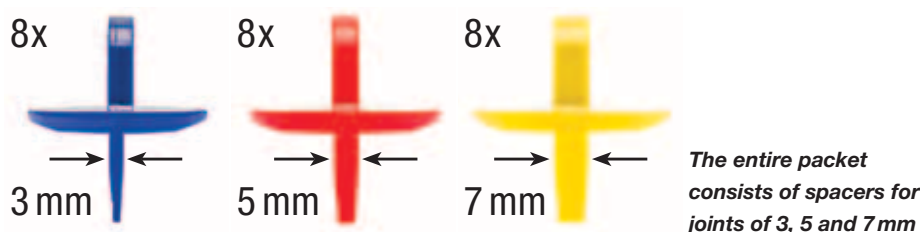


- The colouring of the spacers avoid making mistakes by taking the wrong sized spacers when laying the decking boards
- The form of the spacers avoids them slipping between the boards and disappearing into the gaps
- Even when held tightly the spacers can be removed easily thanks to the handle
- The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

If decking boards are laid without spacers it is recommended to use temporary spacers which are removed later. Depending on the type of wood and the amount of humidity in the boards the joints have to be made to permit movement of the decking and still maintain acceptable optics when being used. Units of HECO®-Decking Spacers consist of three different sized spacers to enable various sizes of gaps. For joints of 3, 5 and 7mm 8 spacers of the required size are included in a plastic box. Thus decking can be laid from different points at same time.



Due to the handle on top of the spacers the gadgets can be removed easily even if the boards are pressed together tightly



COMPONENTS AND ASSORTMENT

HECO®-Decking Spacers in plastic box

Type	Article no.	Unit [pcs.]
HECO®-Decking Spacers	49774	1 ¹⁾
8 pcs. x 3 mm (blue spacers)		
8 pcs. x 5 mm (red spacers)		
8 pcs. x 7 mm (yellow spacers)		

¹⁾Order unit per set

HECO®-DECKING BOARD CLAMP

Powerful, sturdy and flexible

- Thanks to three included spacers more than just one board can be held in position
- 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

The HECO®-Decking board clamp is recommended as mechanical aid for every type of decking. With it you can even set very deformed boards close together so that they suit the pattern of the joints. Beware, the tension of the clamp has to be transferred via fixation- if necessary choose the fixation accordingly or leave the board on the side. The various widths of the tensionable boards depend on the size of the gaps. When fixing two boards at a time the widths can vary from 55 mm



up to 210 mm. Take care not to squeeze the boards too hard by setting the clamp too tight as this will result in dents on the side of the decking boards.

ASSORTMENT

HECO®-Decking board clamp

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

HECO®-DRILL BIT

Decking boards quickly and safely mounted



HECO®-Decking board drill bit with wood twist drill bit 4 mm and adjustable depth stop (Article no. 47375, unit: 1 piece)

This drill bit enables you to drill and countersink in one step.



HECO®-Replacement HHS drill bit (Article no. 47875, unit: 1 piece)

HECO®-BITS AND BITHOLDER

Always the right tools

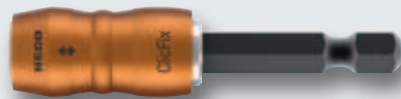


HECO®-Bitsselector mixed (Article no. 46953, unit: 1 piece)

With the 11-piece HECO®-Bitsselector you always have the perfect bit immediately available.

HECO®-ClicFix quick change tool holder, magnetic, form E 6.3 (Article no. 48541)

secure holding of bits packed individual in Blister packing.



Screw bits with HECO-Drive (Article no. 48052)

Drive size HD-20 packed per 10 pieces in Blister packing.



WHICH SYSTEM IS SUITABLE FOR WHICH TYPE OF WOOD?

Not every screw can be used in every type of wood.

The following table shows a selection of types of wood and the respectively recommended screw or fixing.

Wood types and the respectively recommended screws

Type of wood	Stainless steel A2	Stainless steel A4	HECO®-Decking gliders	HECO®-Clipper	Type of wood	Stainless steel A2	Stainless steel A4	HECO®-Decking gliders	HECO®-Clipper
Timber, Wood-based materials	•	•	–	–	Bilinga	–	•	–	–
Beech	•	•	–	–	Courbaril, Jatoba	–	•	–	–
Douglas fir	–	•	•	•	Cumaru	–	•	–	–
Spruce	•	•	–	–	Sweet chestnut	–	•	–	–
Pine	•	•	–	–	Oak	–	•	–	–
Larch	•	•	•	•	Eucalyptus	–	•	–	–
Soft wood, Pressure-impregnated	•	•	•	•	Garapa	•	•	–	–
Red cedar	–	•	–	–	Guajara	–	•	–	–
Fir	•	•	•	•	Ipe	•	•	•	•
Thermally modified woods made from soft wood	•	•	–	–	Iroko	•	•	•	•
Obeche	–	•	–	–	Itauba	–	•	–	–
Chemically modified timber	•	•	–	–	Kapur	–	•	–	–
Accoya	–	•	–	–	Chestnut	–	•	–	–
Azela, Doussie	–	•	–	–	Keruing	•	•	–	–
Acacia	•	•	–	–	Kosipo	–	•	–	–
Angelim	–	•	–	–	Massaranduba	•	•	–	–
Azobe, Bongossi	–	•	–	–	Merbau	–	•	–	–
Bamboo	–	•	–	–	Stone pine	–	•	–	–
Bangkirai, Balau	–	•	–	–	Black locust	–	•	–	–
					Red balau	–	•	–	–
					Tali	•	•	–	–
					Tanimbuca	–	•	–	–
					Teak	•	•	•	•
					Thermally modified woods	–	•	•	•

All information without liability

RECOMMENDED STAINLESS STEEL GRADES FOR DIFFERENT INFLUENCES

Recommended stainless steel grades for different influences

Factor	Environment	Recommended grade of stainless steel
Dryness	outdoors	A2
Humidity	outdoors	A2
Highly tannic decking	outdoors	A4
Exposure to salt	outdoors / seaside	A4



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