

FASTENERS FOR DRYWALL CONSTRUCTION





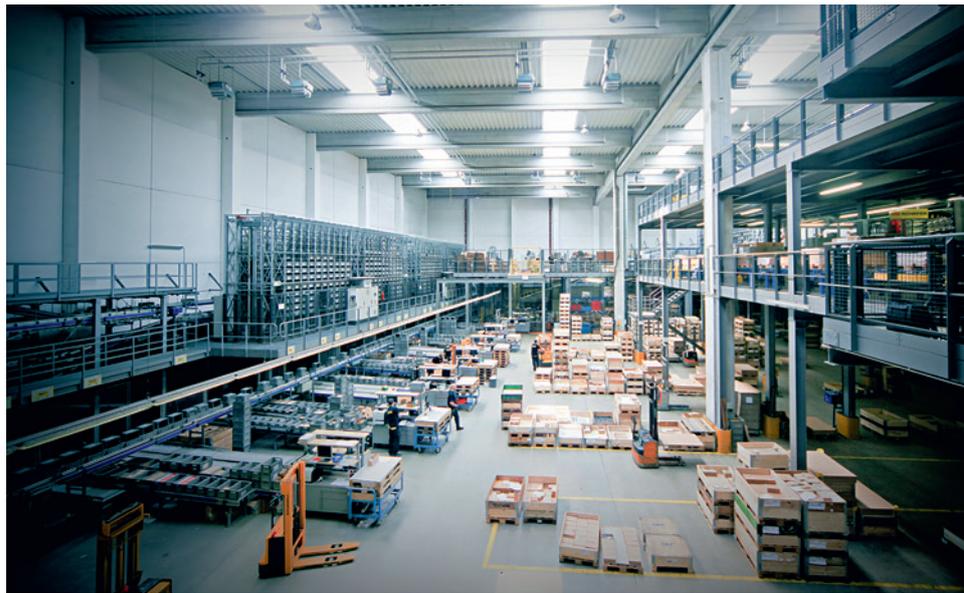
Fully-Automated Warehouse Logistics



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■ About REYHER

With more than 130 years' experience, Reyher is one of the leading trading companies for fasteners and fixing technology in Europe, supplying customers in industry and trade worldwide. Over 750 employees at our central location in Hamburg ensure individual, flexible solutions for reliable supplies of c-parts, with a delivery rate of over 99 percent.





Drywall sector

■ Drywall Construction; Lightweight alternative with many advantages

In drywall construction, industrially manufactured components are pre-assembled then fitted together. Mainly flat non-supporting elements are used. Classic elements of this lightweight design are plasterboard, frames and mineral wool insulation. Since, use of water-containing building materials such as mortar, clay or concrete are dispensed with, a large number of screws and nails are used. Drywall elements are used for room dividers, cladding components and for decorative features for ceilings and floors. Advantages over conventional construction

methods are not only lower dead weight, but also shorter assembly times, improved economic efficiency and higher flexibility as well as, in part, better fire protection, sound and thermal insulation. Cable conduits are easily and quickly installed. In addition there is the absence of building moisture that occurs during construction of a solid wall.

■ REYHER and drywall construction

The Hamburg-based trading company has been valued in many industries for years for high-quality fasteners and fixing technology as well as a comprehensive range of services. The REYHER range for drywall construction includes, among other things, numerous drywall screws in different dimensions and designs, e.g. with coarse or fine thread, both loose and collated, as well as adjustment screws with milling ribs and nail plugs with nail screw and Pozidriv cross slot. A highlight is also our drywall fixing system, which we offer exclusively in the

program (more on page 10). With CE markings in line with EN 14566 (drywall screws) or ETA-14/0390 (ceiling nails), our fasteners meet the requirements for drywall construction. We are renowned for our high product quality, which we maintain thanks to our high-tech 'in-house' testing centre.

Our daily despatch quota of more than 99 percent ensures reliable and fast delivery – even to different addresses, if required.



■ Comprehensive e-business solutions

To make your procurement as rational and efficient as possible we offer a wide range of e-business solutions. Our webshop RIO – REYHER Internet Order, offers customers around the clock access and ordering for every current article in the REYHER catalogue, not limited to drywall. In order to find items required quickly, a wide range of search options can be used. Availability and each individual price can be checked online at any time.

Our electronic catalogues can be adapted to your individual needs and article data can be incorporated into your existing sourcing system. The REYHER catalogues come in a wide range of common formats such as Excel, CSV, BMEcat and DATANORM. In addition, the catalogues can contain classification systems such as eCI@ss or UNSPSC.

Electronic exchange of business data via EDI (Electronic Data Interchange) reduces workload and time. EDI makes it possible to transmit procurement documents, order

confirmations, despatch advice and invoices with a single click. Sources of error are minimized. REYHER supports proven standards such as IDoc XML, openTRANS, EDIFACT and its own formats. A dedicated in-house EDI team will help you get connected.



■ Flexible kanban supply systems

With ROM – REYHER Order Management, we ensure reliable supplies of materials. The modular system helps to reduce sourcing costs and avoid sources of error. Various modules cover logistics service parameters as well as electronic requirements – individually tailored to the needs of drywall construction. Our Kanban solutions can be easily integrated into existing logistics processes and are suitable for frequent as well as sporadic requirements. Our experienced ROM project team will accompany you throughout the entire process from the planning stage to system implementation.



■ REYHER – Your partner for drywall construction

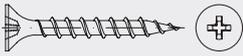
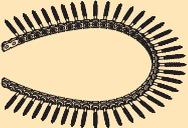
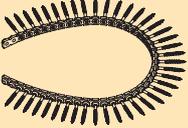
- ▶ Extensive, readily available assortment from stock
- ▶ Articles with CE markings in line with EN 14566 and European Technical Assessment (ETA)
- ▶ A wide variety of e-business solutions (e.g. EDI Webshop RIO)
- ▶ Reliable material supply with flexible Kanban supply systems
- ▶ Daily fill-rate of over 99%
- ▶ Exclusive distribution rights for drywall system fastening in Germany and numerous EU countries



Drywall screws

Drywall screws are used for plasterboard, framework and wooden substructures. They correspond to fire class A1, making them non-combustible. Gypsum fibreboard screws are suitable for wooden substructures and metal frames with a maximum thickness of 0.6 mm thanks to their HiLo thread. The drill point design facilitates easy screwing and metal piercing through steel sheets up to 2.0 mm thick, without predrilling the steel.



REYHER Articles	Article code	Description	Dimensions in mm nominal x length	Direct to the Webshop
 CE according to EN 14566	89150	Drywall screws with trumpet head and coarse thread, with Philips cross slot -H, phosphated	3,9 x 25 to 5,5 x 38	
 CE in line with EN 14566	89150	Drywall screws trumpet head and coarse thread, with Philips cross slot -H, phosphated, taped	3,9 x 25 to 3,9 x 45	
 CE according to EN 14566	89151	Drywall screws with trumpet head and fine thread, with Philips cross slot -H, phosphated	3,6 x 25 to 4,8 x 90	
 CE according to EN 14566	89151	Drywall screws trumpet head and fine thread, with Philips cross slot -H, phosphated, taped	3,9 x 25 to 3,9 x 45	
 CE according to EN 14566	89152	Drywall screws trumpet head and drill point, with Philip cross slot -H, phosphated	3,5 x 25 to 3,5 x 55	
 CE according to EN 14566	89153	Gypsum fibreboard screws with countersunk head Philips cross slot -H, phosphated	3,9 x 19 to 3,9 x 55	
 CE according to EN 14566	89155	Drywall screws with countersunk head and fine thread, with Philips cross slot -H, phosphated, for perforated plates	3,5 x 30	

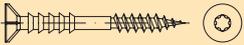


■ Adjusting screws with countersunk head and hexalobular with milling ribs

Used to vary the distance of wooden substructures in masonry and wood. Milling ribs ensure a clean countersink of the head. There is no need to use an underlay for the batons.



Article code 89800

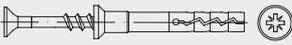
REYHER Articles	Article code	Description	Dimensions in mm nominal x length	Direct to the Webshop
	89800	Adjusting screws with countersunk head and hexalobular socket with milling ribs, zinc plated	6 x 60 - T25 to 6 x 145 - T25	

■ Nailable plug screws with PZ cross slot -Z

Pre-assembled nail plugs with low profile head suitable for fastening drywall supports, substructures and cable ducts. The head is impact protected to prevent damage to the recess drive.



Article code 89801

REYHER Articles	Article code	Description	Dimensions in mm nominal x length	Direct to the Webshop
	89801	Nailable plug screws with PZ cross slot -Z, zinc plated	5 x 30 to 8 x 120	

■ Nail anchors

are used to fasten suspended ceilings and static structures to reinforced and unreinforced concrete (C20/25 to C50/55), natural stone, airated blocks and solid bricks.



Article code 89802



REYHER Articles	Article code	Description	Dimensions in mm nominal x length	Direct to the Webshop
	89802	Nail anchors, zinc plated	6 x 40 and 6 x 65	

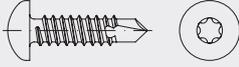


Self-drilling screws

Self-drilling screws are used universally for connecting thin sheet & metal frames. It is not necessary to punch-mark or pre-drill.

Article code 07504



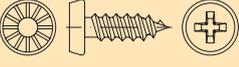
REYHER Articles	Article code	Description	Dimensions in mm nominal x length	Direct to the Webshop
 <p>~ DIN 7504 N-T</p>	07504	Self-drilling screws with self-tapping thread and pan head with hex-lobular socket recess, zinc plated	N 3,5 x 9,5 - T15 to N 5,5 x 25 - T25	

Metal Framing Screws with under head locking serrations

These screws are used to connect U-profiles, C-frames and other metal box section substructures of up to 1.0 mm total material thickness. Special thread geometry and locking teeth under the head ensure a secure fixing.

Article code 89803



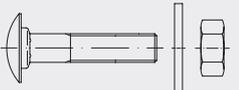
REYHER Articles	Article code	Description	Dimensions in mm nominal x length	Direct to the Webshop
 <p>CE in line with EN 14566</p>	89803	Metal Framing Screws with Phillips cross slot -H, serrated under head, phosphated	3,9 x 11	

Cup head low square neck bolts with nut and washer

Bolts similar to DIN 603. Commonly used for fastening metal door frames to metal profiles.

Article code 89804



REYHER Articles	Article code	Description	Dimensions in mm nominal x length	Direct to the Webshop
	89804	Cup square bolts with nut and washer, zinc plated	M 8 x 25	



■ Hanger bolts

With two different threads, hanger bolts can connect different materials together. For example, components can be safely attached to wood, or when using a plastic wall plug, to concrete, bricks or natural stone

Article code 88149



REYHER Articles	Article code	Description	Dimensions in mm nominal x length	Direkt zum Webshop
	88149	Hanger bolts with metric and wood screw thread, with hexagon socket drive zinc plated	M 6 x 60 - T15 to M 10 x 140 - T25	

■ Threaded rods

Threaded rods are usually used where the distance between two components is too large for one screw. They can also be shortened as required. **Article code 00975**



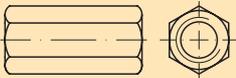
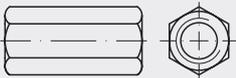
REYHER Articles	Article code	Description	Dimensions in mm nominal x length	Direct to the Webshop
 ~ DIN 975	00975	Threaded rods, steel, zinc plated	M 3 x 1000 to M 20 x 1000	
 ~ DIN 975	00975	Threaded rods, steel, zinc plated	M 6 x 2000 to M 20 x 2000	
 ~ DIN 975	00975	Threaded rods, stainless steel A2	M 3 x 1000 to M 20 x 1000	

■ Hexagon couplings

These articles are used to connect two threaded rods or bolts together. They can also be used as a spacer.

Article code 88087



REYHER Articles	Article code	Description	Dimensions in mm nominal x length	Direct to the Webshop
	88087	Hexagon couplings with continuous internal thread; Steel, zinc plated, product grade C	M 5 x 20 to M 20 x 50	
	88087	Hexagon couplings with continuous internal thread; Stainless steel A1/A2, product grade C	M 5 x 20 to M 20 x 50	



■ Drywall system fastening

■ Self-drilling screws with flanged pan head, includes integrated plug wall 5.4 x 55 -H

Article code: 89809



EXCLUSIVE AT REYHER!

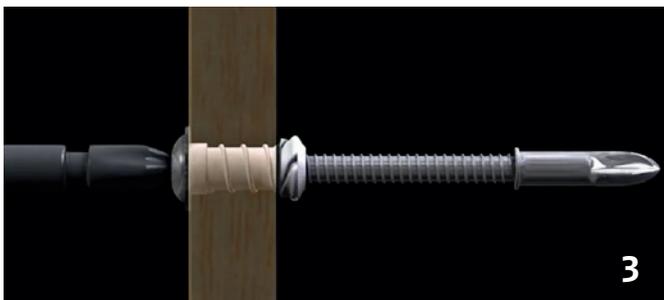
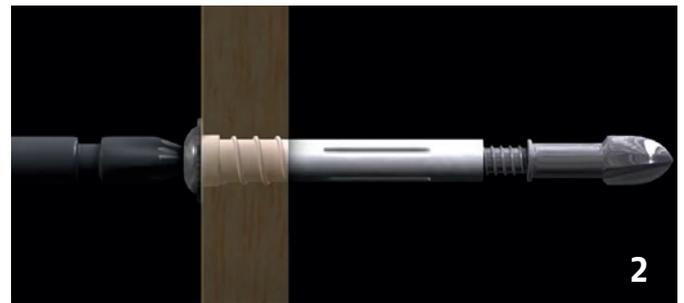
Direct to the Webshop



REYHER have a drywall fastening system fastening that is exclusively available in Germany and in many other European countries. This article is a combination of a flanged pan head screw in combinatio with a wall plug. This fastener does not require pre-drilling or additional tools. This means that the screw can be screwed into the drywall in a single step within a few seconds.

How this drywall fixing system functions can be seen in a video on our website. Go to www.reyher.de/trockenbau.

You can access the video easily with your smart phone or tablet using the QR code shown.



Our Reyher range includes numerous other articles for drywall construction, for example the FISCHER® gypsum carton plugs GKM and GK for plasterboard as well as a variety of fasteners and fixing technology for a wide

range of industries. For wooden construction screws and chipboard screws, please refer to our brochure 'Fasteners of Load-bearing Timber Construction'.



■ CE markings for drywall construction

Qualification of a product are based on the EU Construction Products Regulation.

These product regulations can be defined either by a harmonised European standard or in a European Technical Approvals (ETA). Manufacturers of construction products apply for an ETA if there is no or an insufficient harmonised European standard available.

For mechanical fasteners in the drywall sector, the harmonised standard EN 14566 lays down the product requirements.

In particular, drywall screws used for fixing plasterboard are manufactured, tested and approved with a CE mark in accordance with this standard.



For the REYHER drywall range, we have pursued different paths to achieve optimal qualification in terms of performance and cost for each product.

Product group	Qualification	Application
Drywall screws 89150, 89151, 89152, 89153, 89155	EN 14566	Plasterboard installations
Ceiling nail 89802	ETA-14/0390	Fixing suspended ceilings and static structures to concrete, natural/limestone and solid bricks
Profile connecting screws 89804	EN 14566	Connecting U-profiles, C-stands/frames and other metal profiles





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