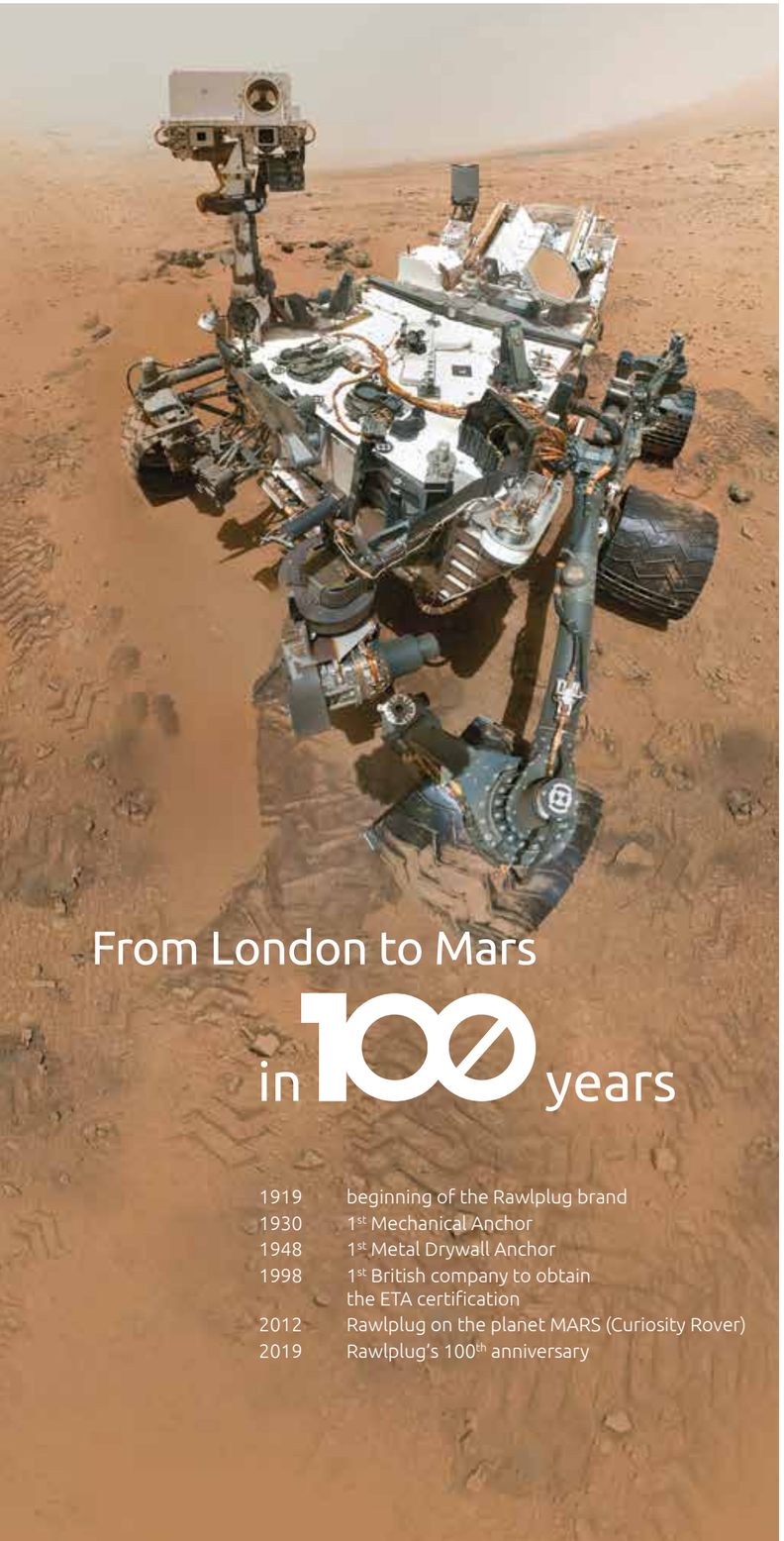
Rawlplug
General Catalogue

RAWLPLUG®



From London to Mars in 100 years

1919	beginning of the Rawlplug brand
1930	1st Mechanical Anchor
1948	1st Metal Drywall Anchor
1998	1st British company to obtain the ETA certification
2012	Rawlplug on the planet MARS (Curiosity Rover)
2019	Rawlplug's 100th anniversary

100 years 1919-2019 RAWLPLUG®

Everywhere in the world

Rawlplug is the global brand of first choice. In the everyday pursuit of Rawlplug's vision, we keep the promise expressed in our mission, as we support our customers with state-of-the-art products they can trust without reservations. Having chosen them, you receive a guarantee that buildings and facilities visited daily by thousands of people not only look great, but are absolutely safe to use. We can proudly claim that, over the last 100 years, Rawlplug has become an unsung hero of numerous investment projects completed all over the world.

100 YEARS OF EXPERTISE IN FIXINGS, FASTENERS AND TOOLS

Rawlplug General Catalogue

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Heritage. Product. Services. Training

Power tools 28
Range of cordless power tools with Li-Ion technology.

Power tool accessories 70
Comprehensive and complementary portfolio of accessories for top-quality fixing solutions.

Direct & Manual Fastening systems 132
Portfolio of professional tools designed with time saving and fixing reliability in mind.

Screws 184
Durable connection in wood.

Construction Bolts 204
Reliable and safe joint

Bonded anchors 222
Uncompromising technical parameters and safety guaranteed in all applications.

Mechanical anchors 250
Advanced technology for high load capacity and simplicity of use.

Lightweight fixings 276
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Façade insulation fixings 298
Simplicity and speed of installation in innovative solutions for energy-saving buildings.

Roofing insulation fixings 326
System solutions ensuring efficient installation and long service life.

Foams and sealants 340
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RAWLPLUG OFFER

01 POWER TOOLS

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02 POWER TOOL ACCESSORIES

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Color coding

solid walls | plasterboard | universal | timber | metal

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solid walls | plasterboard | universal | timber | metal

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DIRECT AND MANUAL FASTENING SYSTEMS

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Color coding

solid walls | plasterboard | universal | timber | metal

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Color coding

solid walls | plasterboard | universal | timber | metal

RAWLPLUG OFFER

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SYMBOLS

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Rawlplug® Offer

Rawlplug® has been operating as an expert in fixings, fasteners and tools for over 100 years.

Although the most important, our products designed for professionals are not the only pillar of our comprehensive offering. They are complemented by specialised services and an innovative training programme. They have all been created to provide our customers, namely engineers, architects, construction workers, contractors or salespeople, with access to a full portfolio of capabilities, know-how and best practices aimed to support them in the everyday pursuit of various tasks and business goals. And we can actually vouch for that, because we know our customers and respect their work. We are in touch with them on a daily basis, watching and listening to them carefully. We wish to share with them our knowledge and experience, allowing them to meet even the most ambitious challenges.

RAWLPLUG Academy

Products

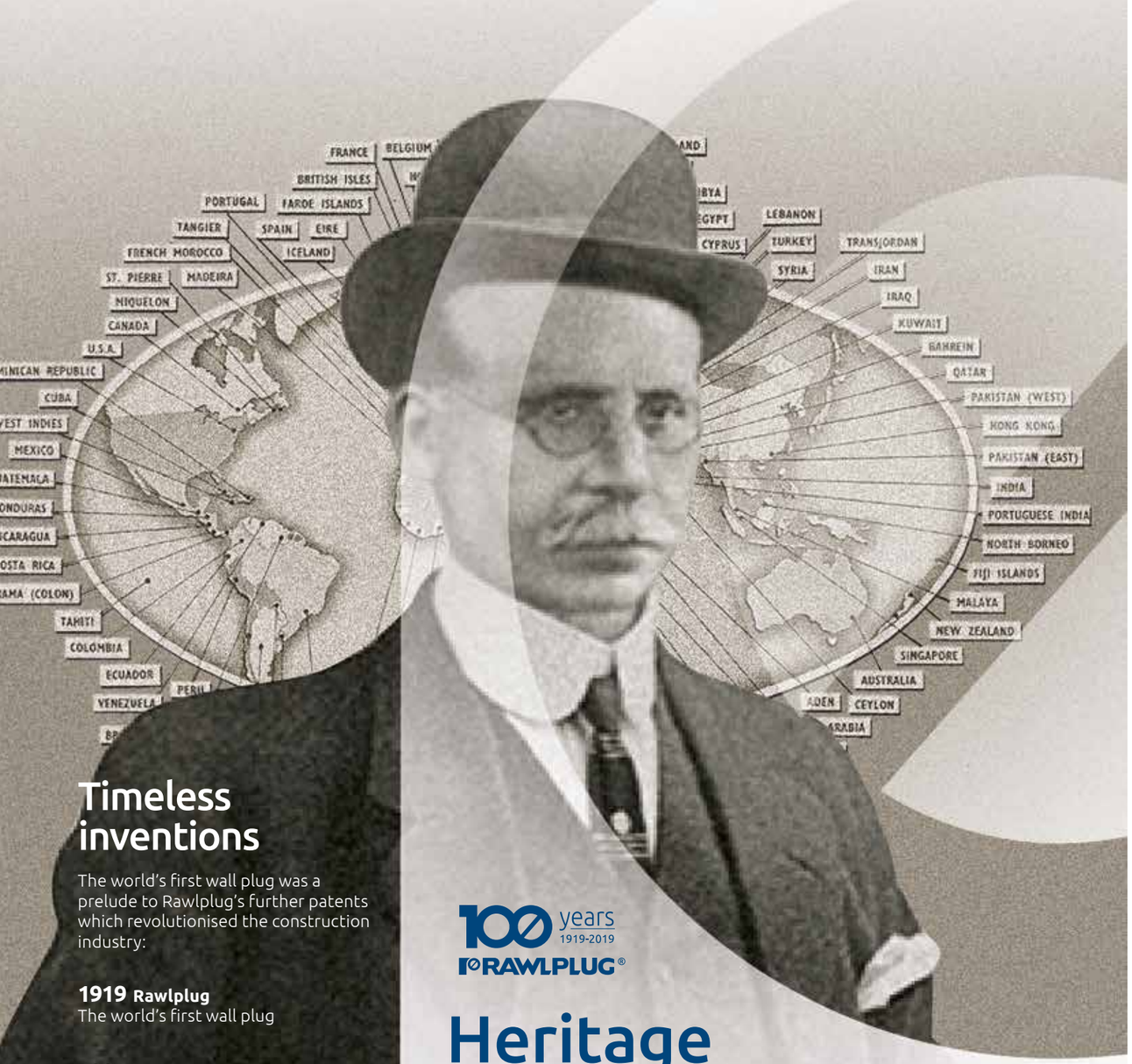
The Rawlplug® offering spans as many as **10 specialised categories of products** manufactured in some of the most advanced production plants in Europe. Rawlplug is the only brand that can actually cater for the needs of all segments of the construction industry. Every product is provided between several dozen variants matching specific requirements of different substrates, applications and installation conditions. Each one comes with dedicated accessories, altogether forming a complete system.

Services

Our extensive portfolio of services dedicated for engineers, designers and constructors stems from our comprehensive approach to the designing of fixings. What is interesting about our range of tools tailored to the needs of all these professionals as well as the extensive technical assistance is that, on the one hand, they provide the consumers of the Rawlplug® services with high comfort of working under conditions which affect their efficiency and enable them to save time, and on the other hand, ensure safety which they find so important at work.

Training

The brand's training offer is delivered under the **Rawlplug Academy®** project, being a truly innovative development programme based on the foundation of comprehensive development of knowledge and skills of our customers. The integration of Rawlplug Academy's four pillars, i.e. the e-learning platform, the Training Centre in London, the mobile education and development centre known as the RawlTruck, as well as traditional workshops and the knowledge base, makes it the most comprehensive and useful educational scheme in the sector of fixings and fasteners.



Timeless inventions

The world's first wall plug was a prelude to Rawlplug's further patents which revolutionised the construction industry:

1919 Rawlplug
The world's first wall plug

1926 Rawlhammer
The world's first patented hammer drill

1934 Rawlbolt
The world's first mechanical anchor

1941 Rawlnut
The world's first shock- and corrosion-resistant fixing

Spring Toggle
The world's first fixing solution dedicated to drywall applications

1948 Rawlanchor
Drywall fixing solution which revolutionised the market

100 years 1919-2019 RAWLPLUG®

Heritage

John Joseph Rawlings – entrepreneur, visionary, inventor.

The world's first wall plug he had patented, triggered a true revolution in the construction industry and went down in history for good. At the same time, this invention marked the beginning of a completely new history – a history of the brand whose contemporary strength draws abundantly from the legacy of the past, the achievements of the present and the vision of the future. – A brand which not only astonished the general public over decades with innovative solutions and products dedicated to professionals, but also with its panache and scale of operations, extraordinary ideas that revolutionised the marketing of its era, and its comprehensive approach to customers' needs and expectations, in which it has never ceased to be a role model. We are deeply convinced that the true Renaissance man of the construction sector, whom John Joseph Rawlings definitely was, would be proud of us. He would surely commend us on building the brand's strength on the grounds which combine the past heritage, the achievements of the present and the vision of the future.

Revolution in marketing

It's truly extraordinary that whatever the effort undertaken by the Rawlplug brand, it stepped far beyond the standards of their day and age. Take the publicity campaign following their breakthrough invention of the world's first wall plug. It was then that the brand spent thousands of pounds for press advertising, only to change the potential users' mindset vis-à-vis the actual fixing capabilities of their times. Acting with impressive panache and on a massive scale, the brand made a commercial sensation, all the more since never before had any construction company been advertised on Daily Mail's front page!

Travelling Rawlplug

What proved unquestionably supportive of the brand's global expansion was the mobile display installation known as Rawlplug Travelling Showroom. It marked yet another revolution in marketing. These vehicles took long trips lasting several months on all continents, from Sweden to Australia, and made a sensation in each market where they appeared. Never before had the potential customers encountered such a direct form of commodity promotion combined with the opportunity to use the products in practice. In a tailored van, customers could become familiar with the full portfolio of fixings as well as product datasheets, use individual items on site, therefore learning about their applications and installation methods, as well as speak to the brand's experts, hoping for some individual consultations.

Service that begins on drawing boards

Rawlplug has always understood and recognised the role and importance of architects, designers and engineers. Already in the 1940s, free-of-charge technical advisory and support service were promoted by the industry's press as a means to solve any kinds of fixing related issues. "A service that begins on a drawing board." Isn't it stunning that such a comprehensive approach to customer service is one of the foundations of our legacy? Heritage which allows us to respond to the needs of the present while curiously awaiting the future.

Conquest of the world

The initial 20 years of Rawlplug's operations were marked with global expansion. To be present in "every civilised country in the world" was John Joseph Rawlings's vision which he consistently pursued over the successive years. At the turn of the 1940s, the brand was present on all continents, completing the conquest of the United States and aiming at Australia. By that time, Rawlplug's products had already been manufactured in 10 countries, including London, New York, Paris or Zurich.

OnsiteTechnicalSupport

TechnicalHelpdesk

TechnicalLibrary

ProductSelector

EasyFix

BIM

Services

We have genuine experts on board – specialists who cooperate on a daily basis to keep track of the actual needs of construction professionals.

They continuously seek to improve the Rawlplug® service package, focusing on technical and design support for architects, constructors and contractors. They track even the most specific and ambitious expectations of customers, and successfully integrate them with our solutions. Rawlplug® has been investing in the development and improvement of tools intended to make your daily work easier and to enhance its comfort, efficiency and quality. And we haven't stopped there, since all our services are rendered at no extra charge.

TechnicalHelpdesk

Consultations and technical/design support provided by the Technical Department's engineers, practitioners and market experts.

- Technical and design-related consultations with our Technical Department's engineers.
- Systematic and structured handling of problem-solving tasks, thanks to forms dedicated to specific applications and products.
- Personalised design assistance with the specificity and requirements of individual solutions in mind.

HOW TO SUBMIT ENQUIRIES?

Enquiries are submitted via Rawlplug's website. You simply need to pick the right form, enter your data and information about your project, and submit the enquiry form. Our employees contact the website using the RTH tab of our corporate portal.The new format is user-friendly, and it provides our engineers with enhanced tools, since now they have access to all enquiries at one place.

EasyFix

Design calculations required to plan fixings for diverse construction elements using Rawlplug® branded products..

- Proprietary and free-of-charge application for design calculations, responding to even the most specific requirements of construction investments.
- Divided into subject-specific modules dedicated to individual segments of construction works.
- Based on the latest EAD, ETAG and EUROCODE guidelines, ensuring that calculations conform to the standards, that they are precise and highly useful.
- Highly specialised features combined with simplicity and intuitiveness of use to support every designer and ensure safety of the solutions being designed.

ACCESS TO EASYFIX

The EasyFix application is free to download and use.
You can get the software from www.easyfix.rawlplug.com/en

BIM

Automatic implementation of models and technical drawings of the Rawlplug® fixings in the BIM/CAD design environment.

- Proprietary application enabling models and technical drawings of the Rawlplug® fixings to be downloaded and embedded in designs.
- Comprehensive sets of product data making design-related decisions easier.
- Models and drawings available in 2D and 3D, in 6 projections and the 360° view mode.
- Available on-line or ready to download and implement in the BIM/CAD environment.

ACCESS TO SOFTWARE

There are two ways to use the data contained in BIM Rawlplug:

Integration of BIM Rawlplug with Autodesk® Revit®

Integration of the data library with Autodesk® Revit® is possible thanks to the innovative Revit plug-in. You just need to download the plug-in from the rawlplug.com website. It is available in the Services/Design & Software tab.

Using on-line software

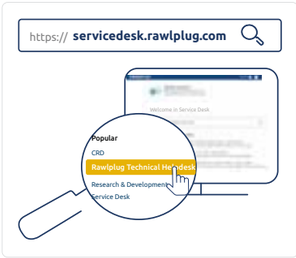
BIM Rawlplug is an application that can be downloaded from the Services/Design & Software tab on rawlplug.com. It may be used by anyone who intends to browse through and become familiar with the models, drawings and information the system provides, without being forced to register and subsequently log on.

OnsiteTechnicalSupport

Technical advisory provided by local engineering teams to tackle all technical challenges, particularly with regards to on-site strength testing of the Rawlplug® products under real-life operating conditions.

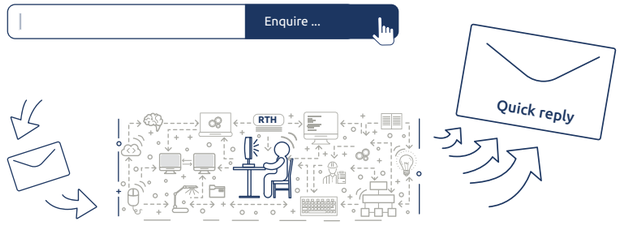
- Technical support offered by our engineers on a local basis, on the given construction investment's location.
- Site testing of the Rawlplug® products under real-life operating conditions.
- Signature standard based on EAD, BS:8539 and the relevant recommendations of the British Construction Fixings Association.
- Repeated testing to confirm reliability of original test results.
- Detailed reports taking all technical parameters and our experts' individual recommendations into consideration.

Technical enquiries?



Choose subject:

- Design-related enquiry
- Technical advisory
- On-site strength testing



Check its advantages

	RTH	E-MAIL
Quick reply	✓	✗
Entire conversation history at one place	✓	✗
Easy-to-check project history, even after several years	✓	✗

* You can also contact us via https://onerawlplug.com

OneR

ProductSelector

Appropriate selection of products to match specific applications by taking the project's requirements and particular requirements into account.

- Possibility to choose products from among 10 product categories in a selection-assisted process.
- Numerous convenient product browsing options relevant from the intended use perspective.
- Transparent and highly functional presentation of useful information.
- Option to enquire about product availability or specific properties.

TechnicalLibrary

Complete portfolio of technical documentation required to place the products on the market as well as to select and use them in the right manner.

- Option to pick from among 15 categories of information and documents required to make the right choice of the brand's products and to use them correctly.
- Complete set of product-specific technical and commercial documents.
- Original documents as well as documentation required for legal purposes, enabling distribution, designing and use of fixing solutions.

Training

Beyond highly specialised knowledge and experience based on practice, nothing can give you the real certainty of quality, durability and reliability of the outcomes of your work.

We have always been close to our customers for many reasons, such as to share the know-how and experience gathered over the last 100 years of our operations. Engineers, designers, contractors and salespeople could always count on our technical support. But today we give them even more, namely an innovative development programme dedicated to education and competence building, designed to actually cater to their daily needs, known as Rawlplug Academy®. The integration of Rawlplug Academy's four pillars, i.e. the e-learning platform, the Training Centre, traditional workshops and the knowledge base, makes it the most comprehensive and useful educational scheme in the sector of fixings and fasteners.

RAWLPLUG® Academy

E-LEARNING platform

- Integrated training scheme covering industry-specific knowledge as well as Rawlplug's products and services that every professional will find indispensable, supporting them in tackling even the most ambitious challenges.
- Building development paths based on individual needs, the knowledge and skills already acquired as well as professional specialisation of the participants.
- Access to on-line training via a highly functional platform enabling you to join the training at any place and time.
- Development programmes dedicated to various groups of professionals: engineers, contractors, designers and representatives of the Trade & DIY sector.

Rawlplug Webinars® #becomexpert

SPECIAL OFFER FOR RAWLPLUG'S CUSTOMERS

- We would like to invite you to become a participant in Rawlplug's new training project, which meets 3 basic criteria of effective learning: practical KNOWLEDGE, interesting CONTENT, attractive FORM. Now all these are available for you when you are in your office or while you work from home or rest in your garden.

Classroom training

- Workshops devised in a way to consolidate and extend the knowledge acquired at e-learning courses.
- Meetings in small groups enabling the participants to talk about their typical and potential design and contracting challenges.
- Exchange of the most valuable experiences with market practitioners and experts responsible for shaping Rawlplug's product and service portfolio.
- Training modules designed and delivered by specialists with extensive experience in collaboration with designers, contractors and salespeople, responsible for developing individual product groups.

Training centre

- Modern training facility where you can experience and get to know Rawlplug's entire offering, comprising products, services and training.
- Possibility to select and use a full range of our products under conditions that closely reflect their real-life on-site application.
- Unique opportunity to get to know latest trend-setting Rawlplug® releases that go beyond even the most highly specific expectations of our customers.
- Learn more on www.rawlplug.com/en/rawlplug-academy

Training Center Rawlplug Academy®
Products Zone

Training Center Rawlplug Academy®
Services Zone

Training Center Rawlplug Academy®
Testing Zone

Knowledge base

- Access to original materials prepared by recognised market experts relying on extensive experience, know-how and best practices.
- Materials that come in handy for every professional from the industry, regardless of their specialisation level.
- Attractiveness and utility value guaranteed by diversified forms of information presentation – both traditional and on-line.
- Tools intended for application in practice, in a broad range of design and construction works, and useful for those who wish to build their expert's position in the market during public appearances, training courses or trade meetings.

Price lists

Rawlplug offer

Product catalogues

Product leaflets

Technical guidance notes

Three levels of advancement of product presentation for every catalogue

Animations

Technical product comparison based on approvals and declarations

Technical product benchmark based on lab tests

Installation movies

Design & specification guides

Products

No other brand in the world manufactures and delivers to its customers products that cater to virtually every segment of the construction industry. Our offering consists of as many as 10 specialised product categories.

We control every step in the manufacturing process, starting from designing performed by engineers collaborating with constructors, through prototyping and testing handled by the R&D Department, to production conducted in manufacturing plants which, in terms of technology, are surely among the most highly advanced and best automated factories in the world.

For 100 years now, it has allowed us to deliver products that are universal, on the one hand, and on the other hand, which meet requirements of even the most highly specialised construction works, offer modern design and unique technical parameters, being easy to install and extremely durable in operation.

Tools

Power tools

Range of cordless power tools with li-on technology.

Power tool accessories

Comprehensive and complementary portfolio of accessories for top-quality fixing solutions.

Fasteners

Direct Manual & Fastening systems

Portfolio of professional tools designed with time saving and fixing reliability in mind.

Screws

Durable connection in wood.

Fixings

Bonded anchors

Uncompromising technical parameters and safety guaranteed in all applications.

Mechanical anchors

Advanced technology for high load capacity and simplicity of use.

Lightweight fixings

Strength, versatility and simplicity of installation in all substrates and with any fixture.

Façade insulation fixings

Simplicity and speed of installation in innovative solutions for energy-saving buildings.

Roofing insulation fixings

System solutions ensuring efficient installation and long service life.

Foams and sealants

High efficiency and unparalleled universality in a wide range of products matching diverse applications.

Power Tools

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RAWLPLUG®

100 YEARS OF EXPERTISE IN FIXINGS, FASTENERS AND TOOLS

WITH LI-ION TECHNOLOGY

RANGE OF **CORDLESS POWER TOOLS**

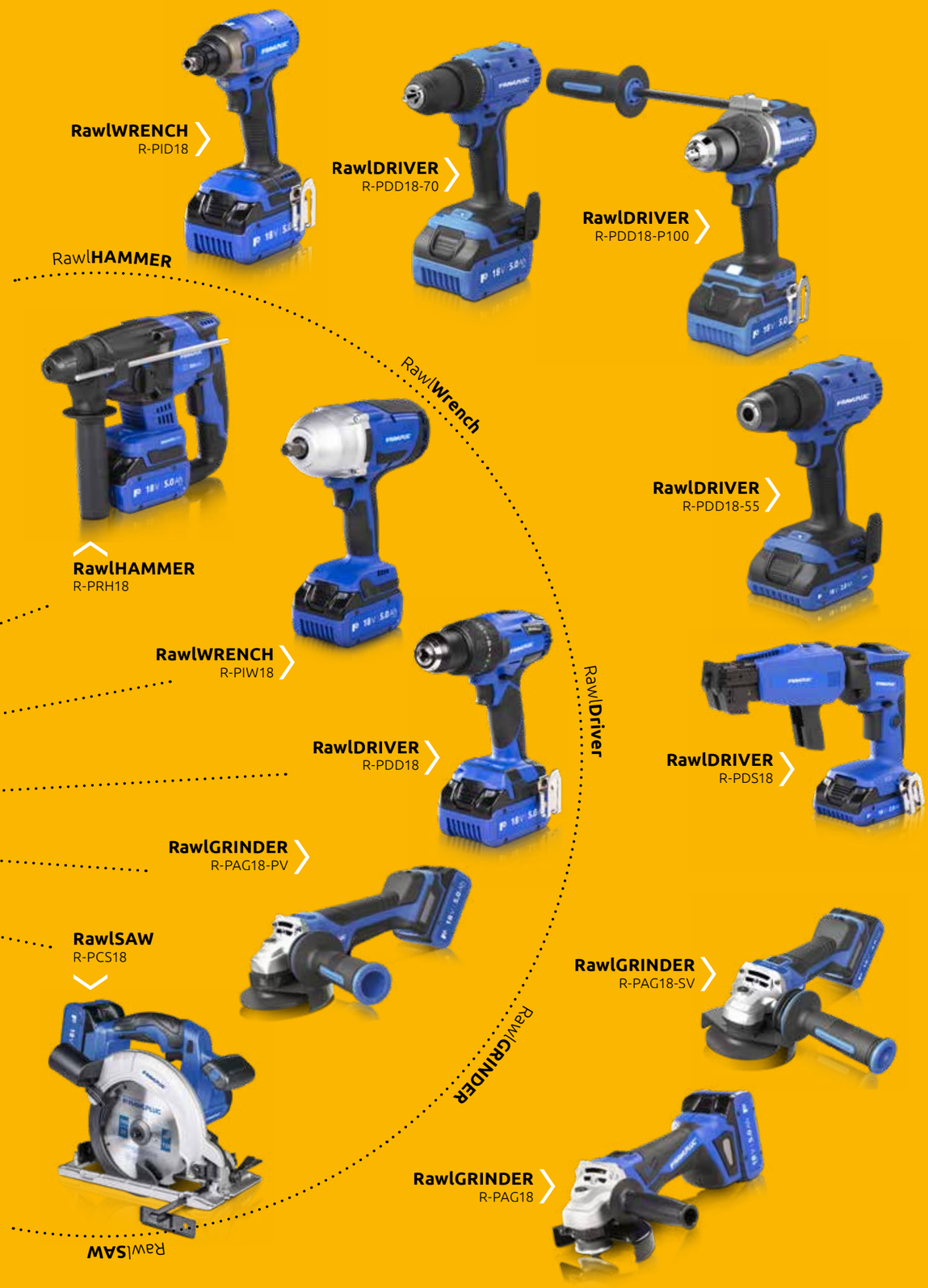
- Strong and efficient lithium-ion Rawlplug 18V batteries.
- Our large battery capacity enables long-term operation without unnecessary downtime.
- Lithium-ion technology allows you to fast charge the battery.
- Rawlplug's 18v battery is used to power all power tools in the range.
- High-quality lithium-ion cells provide long-term and efective battery operation.
- The charge level indicator allows you to properly plan your working time.

RawlCHARGER
Fast charger 18V 6,5A
R-CHR-186501

RawlBATTERY
Li-Ion battery 18V 5,0AH
R-BAT-185001

RawlBATTERY
Li-Ion battery 18V 2,0AH
R-BAT-182001

RawlCHARGER
Charger 18V 1,5A
R-CHR-181501



POWER TOOLS **OFFER**

PRODUCTS - SERVICES - RAWLPLUG ACADEMY

Products

Knowing our customers' individual needs, we have created an offer which allows for the products to be freely arranged in sets. It is based on different versions of the same product and enables every customer to decide which version suits their needs best.

Version XL2

Invariably complete, the most convenient version consists of **the power tool, two batteries, a charger and a transport RawlCase**

Version S

Dedicated to those who already own batteries and a charger from Rawlplug, it comprises **the bare tool in the RawlCase**

Version XS

A solution designed for those who don't need the transport case. It contains the power tool in **the cardboard bare from Rawlplug**

Since we attach the highest importance to the **comfort and safety of use** of our products, the range of our power tools has been extended with dedicated safety gloves made of top-quality synthetic leather, featuring a special shock absorbing layer, and safety goggles with a removable silicone dust shield.

In order to make the **handling** of our products even more **ergonomic**, all our machines are packed in the RawlCase transport cases. They form a system, and can freely combined with other cases – also those of different sizes. An additional trolley compatible with the RawlCase makes it even easier to handle the products at the construction site.

All **power tool accessories** from Rawlplug form an integrated solution designed to match the power tools.

Services

Since one of the foundations of Rawlplug's portfolio of power tools is highly efficient service, our experienced team of technical support specialists is always at the disposal of our customers. **Rawlplug's service and maintenance** support is developed in every country where Rawlplug has deployed its distribution network, and where the customers are offered both warranty and post-warranty services. Detailed terms and conditions of servicing are available at: **www.service.rawlplug.com**

Rawlplug Academy

Our signature education and development programme is a guarantee of adequately consolidated knowledge about our products and services, but it also helps in building the expert image, extending one's competences and gaining trust among the most demanding customers.

Our training scheme is comprehensively tailored to the customers' needs, which is why it comprises **conventional training, webinars, e-learning, on-site presentations, and point-of-sale presentations.**

Now you can sign up for any chosen format of our training by registering at **rawlplug.com/en/rawlplug-academy**

L I - I O N B A T T E R I E S

RawlBATTERY

Thanks to their refined electronic control systems and top-quality components, they stand out among similar solutions with their exceptional performance and reliability, offering long working times and trouble-free operation of power tools. **The RawlBattery 18V batteries** are standardised and extremely efficient power sources dedicated to the Rawlplug 18V series of power tools.

[PCM]

(PROTECTION CIRCUIT MODULE)

is a circuit that interrupts the charging or discharging of a cell when the voltage or temperature exceeds a critical value. Indicates the battery voltage.

Provides fast charging and delivering highest density energy

[BMS]

(BATTERY MANAGEMENT SYSTEM)

is a comprehensive solution that records the voltage of each cell separately, cell temperature, and the number of cycles. It balances the charging of cells so that each of them charges at the same rate, and allows you to avoid a situation in which one of the cells is undercharged by a few volts.

www.rawlplug.com

RAWLPLUG® | POWER TOOLS

RawlBATTERY

BATTERY LI-ION 18V
R-BAT-185001 18V / 5,0 AH | R-BAT-182001 18V / 2,0 AH

For working with power tools in **high demand** electricity

The use of one type of battery for several devices increases the convenience of use and reduces costs

The electronic **system for deep discharge protection** allows you to extend the battery life

2.0 and 5.0 Ah capacity available - the battery is selected according to the application and the type of power tool

The charge status indicator allows you to optimally schedule work tim

Battery compatible with all power tools and chargers from the Rawlplug 18V series

Lightweight and compact dimensions help to properly balance the power tool and improves ergonomics

APPLICATIONS

Designed for powering all cordless power tools of the Rawlplug 18V series

OFFER

Battery LI-ION 18V, 5,0Ah **R-BAT-185001**	Battery LI-ION 18V, 2,0Ah **R-BAT-182001**

TECHNICAL PARAMETERS

Index	R-BAT185001
Battery voltage	18 V
Battery capacity	5,0 Ah
Power	90 Wh
Charge level indicator	YES

Index	R-BAT182001
Battery voltage	18 V
Battery capacity	2,0 Ah
Power	36 Wh
Charge level indicator	YES

L I G H T H A M M E R D R I L L

RawlHAMMER

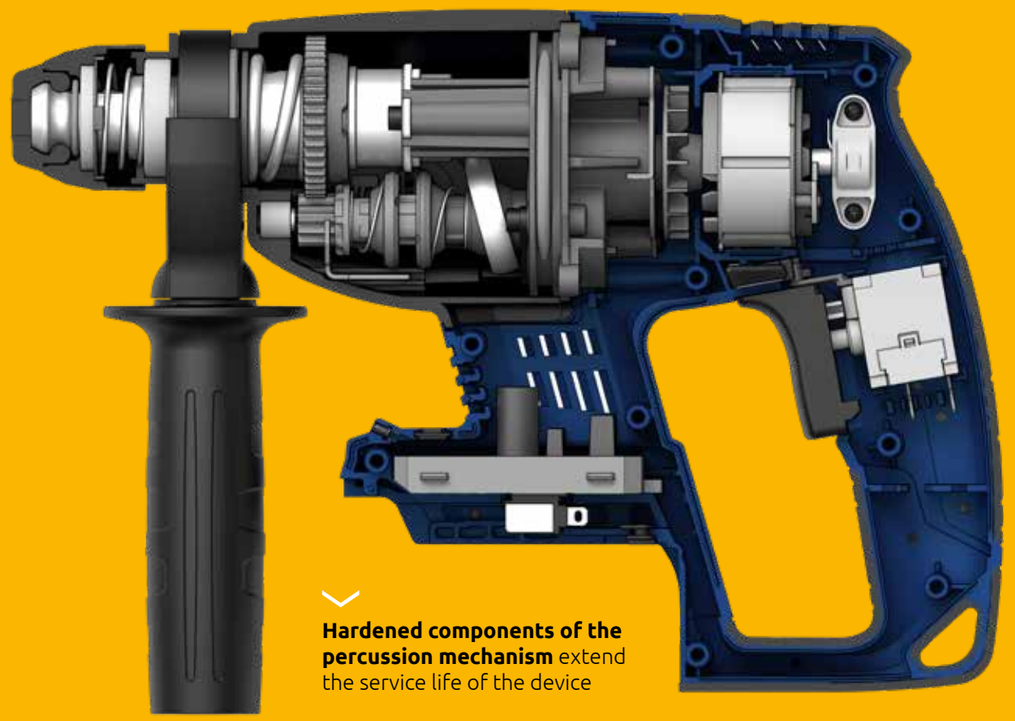
Light hammer drill with brushless motor consumes less energy and ensure longer service life of the machine

SDS plus

Efficient impact mechanism effective driling of holes in concrete and reinforced concrete.

LED illuminates the workplace to increase user's comfort and safety

Powerful brushless motor ensures high efficiency of the mechanism and increases the life time of the tool



Hardened components of the percussion mechanism extend the service life of the device

Dust-proof bearings of the mechanisms extend the period of failure-free operation of the machine

Extremely efficient Li-Ion batteries and fast charger allows you continouse work

www.rawlplug.com

RAWLPLUG® | POWER TOOLS

RawlHAMMER

R-PRH18-XL2
ROTARY HAMMER SDS-PLUS 18V

Light hammer drill with brushless motor consumes less energy and ensure longer service life of the machine

4 functions - drilling / hammer drilling / chiseling / positioning the chisel makes the rotary hammer an extremely versatile power tool

Electronic protection stop system engages during jamming to protect the user and the power tool

Powerful brushless motor ensures high efficiency of the mechanism and increases the life time of the tool

The SDS-Plus tool shank ensures full compatibility with a wide range of accessories available on the market and enables effective transfer of impact energy

Compact design and lightweight construction reduces fatigue during long-term use

Rubberised, profiled handle increases grip and user ergonomics

Two Li-Ion batteries with 5.0 Ah capacity and a 50 minute fast charger are included with the set to guarantee uninterrupted work

Ergonomic mode selector allows convenient and quick switching between power tool functions

The RawlCase system allows easy and convenient storage of the power tool with all accessories and the possibility of connecting with additional cases for easy transport

APPLICATIONS

- Drilling holes in concrete up to Ø 20 mm
- Drilling holes in wood up to Ø 22 mm
- Drilling holes in metal up to Ø 13 mm
- Façades and roofs thermal insulations

TECHNICAL PARAMETERS

Index	R-PRH18-XL2
Battery voltage	18 V
Battery capacity	5,0 AH
Number of batteries included	2
Charging time	50 MIN
Tool holder	SDS - PLUS
Impact energy	2,0 J

Impact frequency	0 - 4400 BPM
Rotational speed	0 - 1200 RPM
Maximum drilling capacity :	
concrete	20 MM
wood	22 MM
metal	13 MM

OFFER

Index		Powertool	Li-ion batteries R-BAT-185001 [5.0 AH]	Rawlcase R-RC-4414	Packing [box]	Fast charger 6.5A R-CHR-186501	Operating instructions	Protection gloves	EAN
RAWLHAMMER R-PRH18									
R-PRH18-XL2	[pcs]	1	2	1	-	1	1	1	5906675473741
R-PRH18-S		1	-	1	-	-	1	-	5906675475288
R-PRH18-XS		1	-	-	1	-	1	-	5906675475226

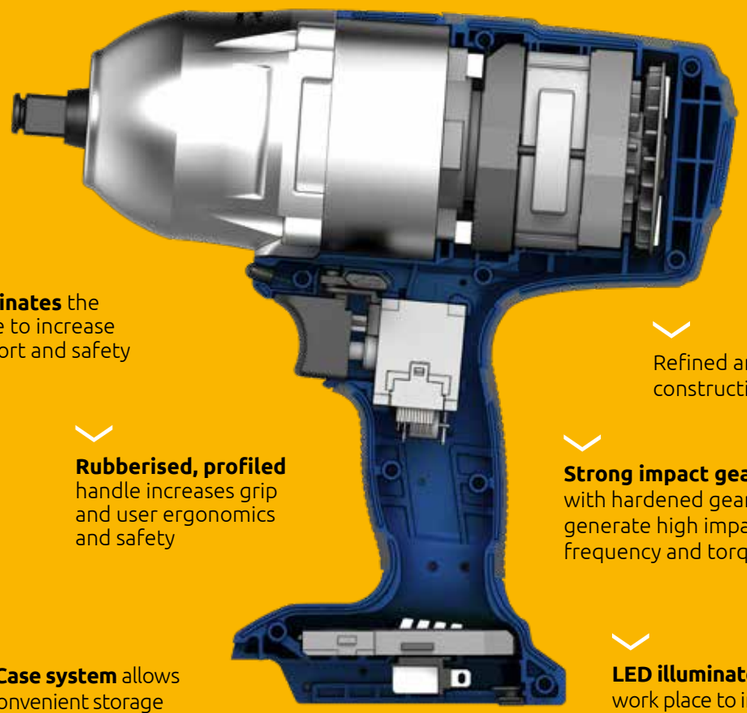
I M P A C T W R E N C H

RawlWRENCH

1/2” impact wrench offering high torque

Rubberised, profiled handle increases grip and user ergonomics

Powerful brushless motor ensures high efficiency of the mechanism and increases the life time of the tool



LED illuminates the work place to increase user comfort and safety

Refined and **durable** construction

Rubberised, profiled handle increases grip and user ergonomics and safety

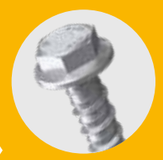
Strong impact gear with hardened gear wheels generate high impact frequency and torque.

The RawlCase system allows easy and convenient storage of the power tool additional all accessories and the possibility of connecting with other cases for easy transport

LED illuminates the work place to increase user comfort and safety

Extremely efficient Li-Ion batteries and fast charger allows you continouse work

ø ≤ **M24**



ø **12** mm - ø **17** mm

www.rawlplug.com

RawlWRENCH

R-PIW18-XL2
IMPACT WRENCH 18V

1/2" impact wrench offering high torque

1/2" square tool holder for stable mounting of impact sockets

Powerful impact gear generating up to 1000 Nm allows the power tool to be used for the most demanding fixings applications

The metal gear housing facilitates cooling and increases power tool life-time

Electronic protection stop system engages during jamming to protect the user and the power tool

Two Li-Ion batteries with 5.0 Ah capacity and a 50 minute fast charger are included with the set to gu arantee uninterrupted work

APPLICATIONS

- Installation of R-LX screws diameter 8mm -14mm
- Timber constructions: Screwing screws up to Ø 24 mm
- Metal constructions: Assembly of metric screws (up to M24)

TECHNICAL PARAMETERS

Index	R-PIW18-XL2
Battery voltage	18 V
Battery capacity	5,0 AH
Number of batteries included	2
Charging time	50 MIN
Maximum torque	1000 NM

Tool holder	1/2"
Rotational speed	0 - 1900 RPM
Impact frequency	0 -2800 BPM
Maximum bolt size	M24

OFFER

Index		Powertool	Li-ion batteries R-BAT-185001 [5.0 AH]	Rawlcase R-RC-4414	Packing [box]	Fast charger 6.5A R-CHR-186501	Operating instructions	Protection gloves	EAN
RAWLWRENCH R-PIW18									
R-PIW18-XL2	[pcs]	1	2	1	-	1	1	1	5906675473734
R-PIW18-S		1	-	1	-	-	1	-	5906675475264
R-PIW18-XS		1	-	-	1	-	1	-	5906675475202

RawlWRENCH

R-PID18-XL2
IMPACT DRIVER 18V

Impact driver with multi- holder for work with impact bits and sockets

Auto Stop Control ASC, torque cut off mode prevents damage to the material surface during screwing

Electronic adjustable torque range to match power tool parameters for specific applications

Multihead tool holder - 1/4" hexagonal shank for bits and 1/2" square for sockets provides broad usability of the power tool

Hook for suspending the screwdriver on the belt facilitates work in places where it is not possible to put the tool down

Drilling mode **enables efficient use** in timber and wood-based materials

Electronic protection stop system engages during jamming to protect the user and the power tool

Compact design and lightweight construction reduces fatigue during long-term use

APPLICATIONS

- Timber constructions: Screwing screws up to Ø 14 mm
- Metal constructions: Assembly of metric screws (up to M14)
- Installation of R-LX concrete screws up to Ø 8 mm
- Frame pins and others up to Ø 14 mm (e.g. FF1, 4ALL)
- Sheet metal drilling up to Ø 10 mm x 2 mm thick
- Wooden constructions: Drilling in wood or chipboard (up to Ø 30 mm)

TECHNICAL PARAMETERS

Index	R-PID18-XL2
Battery voltage	18 V
Battery capacity	5,0 AH
Number of batteries included	2
Charging time	50 MIN

Maximum torque	210 NM
Tool holder	1/4" HEX / 1/2"
Rotational speed	0-1100/2600/3200 RPM
Impact frequency	0-1200/2700/3800 BPM
Maximum bolt size	M14

OFFER

Index		Powertool	Li-ion batteries R-BAT-185001 [5.0 AH]	Rawlcase R-RC-4414	Packing [box]	Fast charger 6.5A R-CHR-186501	Operating instructions	Protection gloves	EAN
RAWLWRENCH R-PID18									
R-PID18-XL2	[pcs]	1	2	1	-	1	1	1	5906675473727
R-PID18-S		1	-	1	-	-	1	-	5906675475257
R-PID18-XS		1	-	-	1	-	1	-	5906675475196

C O R D L E S S D R I L L

RawlDriver

The most multi purpose cordless drills with two-speed gearbox

Powerful brushless motor ensures high efficiency of the mechanism which increases the life time of the power tool

The powerful planetary gear with two gears allow you to adjust the speed and torque to your job

Refined and **durable construction**

Rubberised, profiled handle increases grip and user ergonomics

LED illuminates the workplace to increase user comfort and safety

LED illuminates the work place to increase user comfort and safety

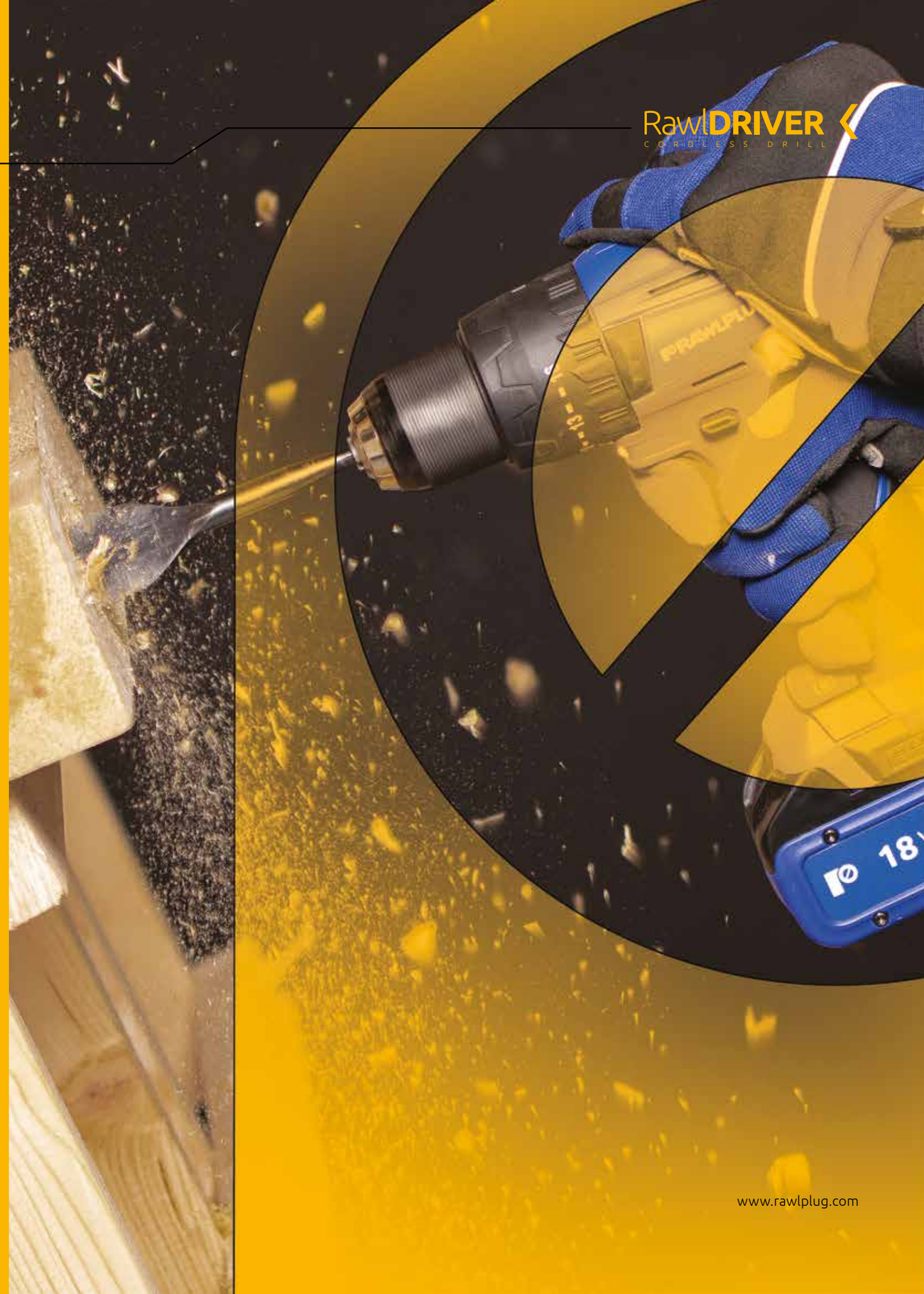
The single-sleeve 13 mm drill chuck makes it easy to install all accessories

Extremely efficient Li-Ion batteries and fast charger allows you continouse work

Powerful brushless motor ensures high efficiency of the mechanism which increases the life time of the power tool

Ergonomically positioned left / right rotation switch allows a convenient and quick change between screwing and unscrewing

The RawlCase system allows easy and convenient storage of the power tool additional all accessories and the possibility of connecting with other cases for easy transport



www.rawlplug.com

RawlDRIVER R-PDD18-XL2 DRILL DRIVER 18V

The most multi purpose cordless drills with two-speed gearbox

16 + 1 positions of the clutch allows optimal selection of torque for driving of bolts and screws of different sizes depending on the type of substrate

Two gears allow you to adjust the speed and torque to your job

Compact design and lightweight construction reduces fatigue during long-term use

The powerful planetary gear is made of high quality steel and generate up to 55 Nm of torque

Two Li-Ion batteries with 5.0 Ah capacity and a 50 minute fast charger are included with the set guarantee uninterrupted work

APPLICATIONS

- Timber constructions: Screwing screws up to Ø 6 mm
- Metal constructions: Assembly of metric screws (up to M6)
- Frame pins and others up to Ø 14 mm (e.g. FF1, 4ALL)
- Drilling in sheet metal with a thickness of 2 mm to Ø 10mm
- Wooden constructions: Drilling in wood or chipboard (up to Ø 36 mm) or chipboard (up to Ø 36 mm)

TECHNICAL PARAMETERS

Index	R-PDD18-XL2
Battery voltage	18 V
Battery capacity	5,0 AH
Number of batteries included	2
Charging time	50 MIN
Maximum torque	60 NM

Number of clutch settings	16 + 1
Chuck	1,5 - 13 MM
Rotational speed 1st gear	0 - 550 RPM
Rotational speed 2nd gear	0 - 2000 RPM
Maximum drilling diameter in wood	Ø 36 MM
Maximum drilling diameter in metal	Ø 13 MM

OFFER

Index		Powertool	Li-Ion batteries R-BAT-185001 [5.0 AH]	Rawlcase R-RC-4414	Packing [box]	Fast charger 6.5A R-CHR-186501	Operating instructions	Protection gloves	EAN
RAWLDRIVER R-PDD18									
R-PDD18-XL2	[pcs]	1	2	1	-	1	1	1	5906675473703
R-PDD18-S		1	-	1	-	-	1	-	5906675475240
R-PDD18-XS		1	-	-	1	-	1	-	5906675475189

RawlDRIVER R-PDD18-55-M2 DRILL DRIVER 18V

NEW

Lightweight drill driver for light and precision work

16 + 1 positions of the clutch allows optimal selection of torque for driving of bolts and screws of different sizes depending on the type of substrate

Two gears allow you to adjust the speed and torque to your job

The powerful planetary gear is made of high quality steel and generate up to 55 Nm of torque

Compact design and lightweight construction reduces fatigue during long-term use

Two Li-Ion batteries with 2.0 Ah capacity and a 60 minute charger are included with the set guarantee uninterrupted work

APPLICATIONS

- Timber constructions: Screwing screws up to Ø 6 mm
- Metal constructions: Assembly of metric screws (up to M6)
- Frame pins and others up to Ø 14 mm (e.g. FF1, 4ALL)
- Drilling in sheet metal with a thickness of 2 mm to Ø 13mm
- Wooden constructions: Drilling in wood or chipboard (up to Ø 32 mm) or chipboard (up to Ø 32 mm)

TECHNICAL PARAMETERS

Index	R-PDD18-55-M2
Battery voltage	18 V
Battery capacity	2,0 AH
Number of batteries included	2
Charging time	60 MIN
Maximum torque	55 NM

Number of clutch settings	16 + 1
Chuck	2 - 13 MM
Rotational speed 1st gear	0 - 500 RPM
Rotational speed 2nd gear	0 - 1800 RPM
Maximum drilling diameter in wood	Ø 36 MM
Maximum drilling diameter in metal	Ø 13 MM

OFFER

Index		Powertool	Li-Ion batteries R-BAT-182001 [2.0 AH]	Rawlcase R-RC-4414	Packing [box]	Charger 1.5A R-CHR-181501	Operating instructions	Protection gloves	EAN
RAWLDRIVER R-PDD18-55									
R-PDD18-55-M2	[pcs]	1	2	1	-	1	1	1	5906675506197
R-PDD18-55-S		1	-	1	-	-	1	-	5906675506135
R-PDD18-55-XS		1	-	-	1	-	1	-	5906675506074

RawlDRIVER

R-PDD18-70-XL2
DRILL DRIVER 18V

NEW

Compact size drill driver
for general purpose

16 + 1 positions of the clutch allows optimal selection of torque for driving of bolts and screws of different sizes depending on the type of substrate

The powerful planetary gear is made of high quality steel and generate up to 70 Nm of torque

Two Li-Ion batteries with 5.0 Ah capacity and a 50 minute fast charger are included with the set guarantee uninterrupted work

Two gears allow you to adjust the speed and torque to your job

Compact design and lightweight construction reduces fatigue during long-term use

APPLICATIONS

- Timber constructions:
  Screwing screws up to Ø 6 mm
- Metal constructions:
  Assembly of metric screws (up to M6)
- Frame pins and others up to Ø 14 mm (e.g. FF1, 4ALL)
- Drilling in sheet metal with a thickness of 2 mm to Ø 10mm
- Wooden constructions: Drilling in wood or chipboard (up to Ø 36 mm) or chipboard (up to Ø 36 mm)

TECHNICAL PARAMETERS

Index	R-PDD18-70-XL2
Battery voltage	18 V
Battery capacity	5,0 AH
Number of batteries included	2
Charging time	50 MIN
Maximum torque	60 NM

Number of clutch settings	16 + 1
Chuck	2 - 13 MM
Rotational speed 1st gear	0 - 550 RPM
Rotational speed 2nd gear	0 - 2000 RPM
Maximum drilling diameter in wood	Ø 36 MM
Maximum drilling diameter in metal	Ø 13 MM

OFFER

Index		Powertool	Li-ion batteries R-BAT-185001 [5.0 AH]	Rawlcase R-RC-4414	Packing [box]	Fast charger 6.5A R-CHR-186501	Operating instructions	Protection gloves	EAN
RAWLDRIVER R-PDD18-70									
R-PDD18-70-XL2	[pcs]	1	2	1	-	1	1	1	5906675506210
R-PDD18-70-S		1	-	1	-	-	1	-	5906675506142
R-PDD18-70-XS		1	-	-	1	-	1	-	5906675506081

NEW

R-PDD18-P100-XL2
DRILL DRIVER 18V

RawlDRIVER

Powerful drill driver with percussion
drilling for heaviest work

Percussion drilling mode for drilling in bricks and light concrete

The powerful planetary gear is made of high quality steel and generate up to 70 Nm of torque

Two Li-Ion batteries with 5.0 Ah capacity and a 50 minute fast charger are included with the set guarantee uninterrupted work

14 + 2 positions of the clutch allows optimal selection of torque for driving of bolts and screws of different sizes depending on the type of substrate

Two gears allow you to adjust the speed and torque to your job

Easy to fit auxiliary handle for better control of power tool during drilling application

APPLICATIONS

- Timber constructions:
  Screwing screws up to Ø 6 mm
- Metal constructions:
  Assembly of metric screws (up to M6)
- Frame pins and others up to Ø 14 mm (e.g. FF1, 4ALL)
- Drilling in sheet metal with a thickness of 2 mm to Ø 10mm
- Wooden constructions: Drilling in wood or chipboard (up to Ø 80 mm) or chipboard (up to Ø 80 mm)

TECHNICAL PARAMETERS

Index	R-PDD18-P100-XL2
Battery voltage	18 V
Battery capacity	5,0 AH
Number of batteries included	2
Charging time	50 MIN
Maximum torque	100 NM
Number of clutch settings	14 + 2

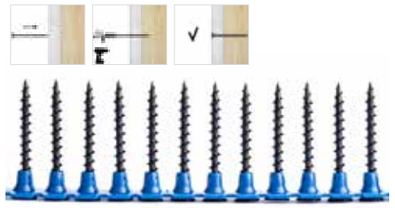
Chuck	2 - 13 MM
Rotational speed 1st gear	0 - 550 RPM
Rotational speed 2nd gear	0 - 2000 RPM
Maximum drilling diameter in wood	Ø 80 MM
Maximum drilling diameter in metal	Ø 13 MM
Maximum drilling diameter in brick	16 MM

OFFER

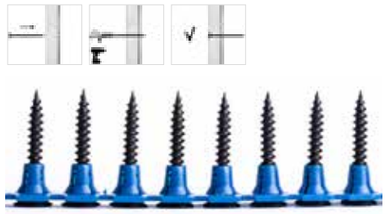
Index		Powertool	Li-ion batteries R-BAT-185001 [5.0 AH]	Rawlcase R-RC-4414	Packing [box]	Fast charger 6.5A R-CHR-186501	Operating instructions	Protection gloves	EAN
RAWLDRIVER R-PDD18-P100									
R-PDD18-P100-XL2	[pcs]	1	2	1	-	1	1	1	5906675506227
R-PDD18-P100-S		1	-	1	-	-	1	-	5906675506159
R-PDD18-P100-XS		1	-	-	1	-	1	-	5906675506098

RELATED PRODUCTS

Drywall collated screws for wood
R-FTC



Drywall collated screws for metal
R-FSC



RawlDRIVER

R-PDS18-M2A
DRYWALL SCREWDRIVER 18V

NEW

Drywall screwdriver for precision and fastest work with plaster boards

Cover for selective screwdriving for precise work

Precise adjustment of the screw depth allows accurate assembly

Compact design and lightweight construction reduces fatigue during long-term use

Powerful universal motor and rotational speed up to 5000 rpm

Automatic screw feeder for serial screwdriving and faster work

Hook for suspending the screwdriver on the belt facilitates work in places where it is not possible to put the tool down

1/4" **hexagonal tool holder** for quick mounting of bits

Version basic for everyone

APPLICATIONS

- Metal profiles:
  Screwing screws up to Ø 4.2 mm
- Timber profiles:
  Driving screws up to Ø 4.2 mm
- Drywall panels assembly:
  Driving screws up to 57 mm long
- Partition walls, plasterboard assembly

TECHNICAL PARAMETERS

Index	R-PDS18-M2A
Battery voltage	18 V
Battery capacity	2,0 AH
Number of batteries included	2
Charging time	60 MIN

Tool holder	1/4" HEX
Rotational speed	5000 RPM
Maximum screws diameter	2,5 - 4,2 MM
Maximum screws length	20 - 57 MM

OFFER

Index		Powertool	Automatic screw feeder R-DS-AF1	Li-ion batteries R-BAT-182001 [2.0 Ah]	Rawlcase R-RC-4414	Packing [box]	Charger 1.5A R-CHR-181501	Operating Instructions	Protection gloves	EAN
RAWLDRIVER R-PDS18										
R-PDS18-M2A	[pcs]	1	1	2	1	-	1	1	1	5906675473710
R-PDS18-S		1	-	-	1	-	-	1	-	5906675475271
R-PDS18-XS		1	-	-	-	1	-	1	-	5906675475219

E F F I C I E N T A N G L E G R I N D E R

RawlGRINDER

Efficient angle grinder 125 mm with automatic motor brake

125 mm

Refined and **durable construction**

Dust-resistant design

Powerful brushless motor ensures high efficiency of the mechanism and increases the life time of the tool

Extremely efficient Li-Ion batteries and fast charger allows you continouse work

Resistant to **long-term work under load**

A **soft start** increases the comfort of use

The RawlCase system allows easy and convenient storage of the power tool with all accessories and the possibility of connecting with additional cases for easy transport

Compact design and lightweight construction reduces fatigue during long-term use

www.rawlplug.com

RawlGRINDER

R-PAG18-XL2
ANGLE GRINDER 18V

Efficient angle grinder 125 mm with automatic motor brake

Rubberised, profiled handle increases grip and user ergonomics

A safety sliding switch prevents unintentional starting of the machine

The electronic motor brake system stops the disc as soon as the grinder is switched off for additional safe operation

APPLICATIONS

- Timber constructions: Barking/grinding wood
- Grinding and cutting of stainless and carbon steels
- Grinding and cutting of concrete and reinforced lintels

TECHNICAL PARAMETERS

Index	R-PAG18-XL2
Battery voltage	18 V
Battery capacity	5,0 AH
Number of batteries included	2

Charging time	50 MIN
Disc diameter	125 MM
Spindle diameter	22,2 MM
Rotational speed	8 500 RPM

OFFER

Index		Powertool	Li-Ion batteries R-BAT-185001 [5.0 AH]	Rawlcase R-RC-4414	Packing [box]	Fast charger 6.5A R-CHR-186501	Operating instructions	Protection gloves	EAN
RAWLGRINDER R-PAG18									
R-PAG18-XL2	[pcs]	1	2	1	-	1	1	1	5906675473758
R-PAG18-S		1	-	1	-	-	1	-	5906675475295
R-PAG18-XS		1	-	-	1	-	1	-	5906675475233

RawlGRINDER

R-PAG18-SV-XL2
ANGLE GRINDER 18V

NEW

Efficient angle grinder with speed control for general purpose

Rubberised, profiled handle increases grip and user ergonomics

A safety sliding switch prevents unintentional starting of the machine

The electronic motor brake system stops the disc as soon as the grinder is switched off for additional safe operation

The rotational speed control facilitates the selection of appropriate operating parameters, depending of the accessories used

APPLICATIONS

- Timber constructions: Barking/grinding wood
- Grinding and cutting of stainless and carbon steels
- Grinding and cutting of concrete and reinforced lintels

TECHNICAL PARAMETERS

Index	R-PAG18-SV-XL2
Battery voltage	18 V
Battery capacity	5,0 AH
Number of batteries included	2
Charging time	50 MIN

Disc diameter	125 MM
Spindle diameter	22,2 MM
Rotational speed	4500 / 6000 / 900 RPM

OFFER

Index		Powertool	Li-Ion batteries R-BAT-185001 [5.0 AH]	Rawlcase R-RC-4414	Packing [box]	Fast charger 6.5A R-CHR-186501	Operating instructions	Protection gloves	EAN
RAWLGRINDER R-PAG18-SV									
R-PAG18-SV-XL2	[pcs]	1	2	1	-	1	1	1	5906675506234
R-PAG18-SV-S		1	-	1	-	-	1	-	5906675506166
R-PAG18-SV-XS		1	-	-	1	-	1	-	5906675506104

RAWLPLUG® | POWER TOOLS

RawlGRINDER

R-PAG18-PV-XL2
ANGLE GRINDER 18V

NEW

Angle grinder with paddle switch
and speed control for grinding surface

Rubberised, profiled handle increases grip and user ergonomics

A safety paddle switch prevents unintentional starting of the machine

The electronic motor brake system stops the disc as soon as the grinder is switched off for additional safe operation

The rotational speed control facilitates the selection of appropriate operating parameters, depending of the accessories used

APPLICATIONS

- Timber constructions: Barking/grinding wood
- Grinding and cutting of stainless and carbon steels
- Grinding and cutting of concrete and reinforced lintels

TECHNICAL PARAMETERS

Index	R-PAG18-PV-XL2
Battery voltage	18 V
Battery capacity	5,0 AH
Number of batteries included	2
Charging time	50 MIN

Disc diameter	125 MM
Spindle diameter	22,2 MM
Rotational speed	4500 / 6000 / 900 RPM

OFFER

Index	Powertool	Li-ion batteries R-BAT-185001 [5.0 AH]	Rawlcase R-RC-4414	Packing [box]	Fast charger 6.5A R-CHR-186501	Operating instructions	Protection gloves	EAN
RAWLGRINDER R-PAG18-PV								
R-PAG18-PV-XL2 [pcs]	1	2	1	-	1	1	1	5906675506241
R-PAG18-PV-S [pcs]	1	-	1	-	-	1	-	5906675506173
R-PAG18-PV-XS [pcs]	1	-	-	1	-	1	-	5906675506111

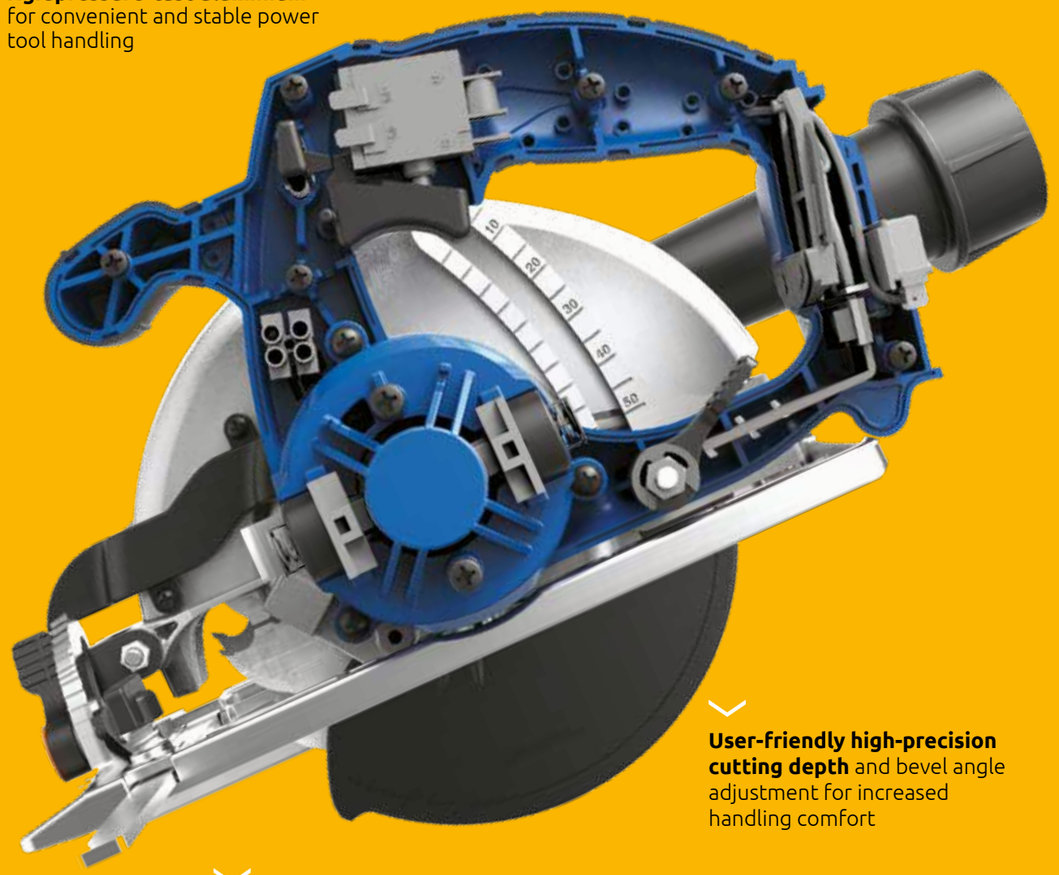
CIRCULAR SAW FOR CUTTING

RawlSAW

Circular saw for the transverse and longitudinal cutting of timber and timber-based materials

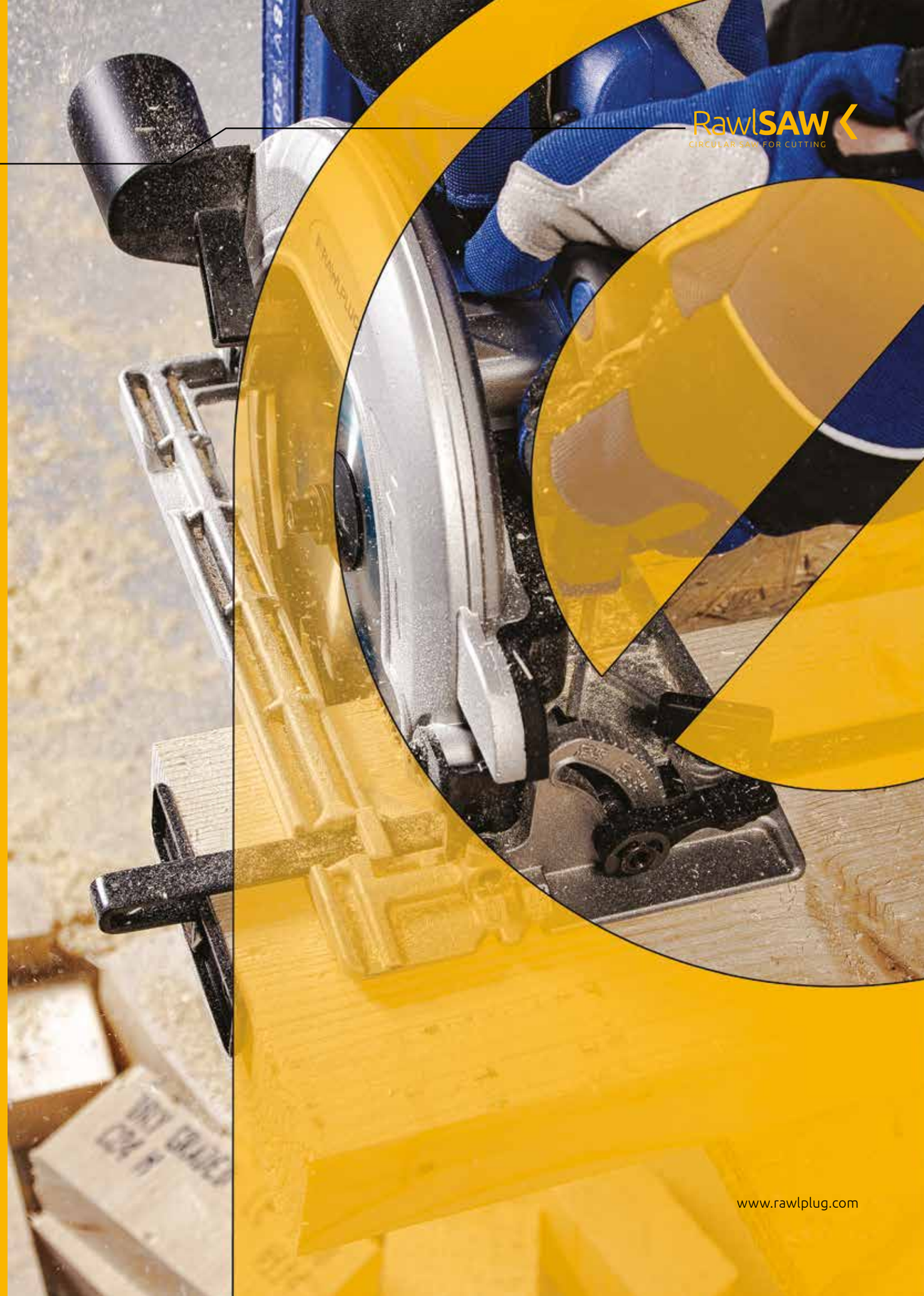
Rubberised, profiled handle increases grip and user ergonomics

Base plate (shoe) made of rigidpressure-cast aluminium for convenient and stable power tool handling



User-friendly high-precision cutting depth and bevel angle adjustment for increased handling comfort

The RawlCase system allows easy and convenient storage of the power tool with all accessories and the possibility of connecting with additional cases for easy transport



www.rawlplug.com

RawlSAW

R-PCS18-XL2
CIRCULAR SAW 18V

NEW

Circular saw for the transverse and longitudinal cutting of wood and wood-based materials

Powerful motor for superior cutting performance

Illuminating working area LED light for improved safety and user experience

The electronic motor brake system stops the saw blade as soon as the circular saw is switched off for additional safe operation

APPLICATIONS

- Transverse and longitudinal cutting of wood
- Cutting playwood
- Chipboard cutting
- Oriented Strand Board cutting
- MDF and HDF boards cutting
- Cutting wooden and composite decking boards

TECHNICAL PARAMETERS

Index	R-PCS18-XL2
Battery voltage	18 V
Battery capacity	5,0 AH
Number of batteries included	2

Charging time	50 MIN
Outer saw blade diameter	165 MM
Saw blade mounting hole diameter	20 MM
Rotational speed	4000 RPM

OFFER

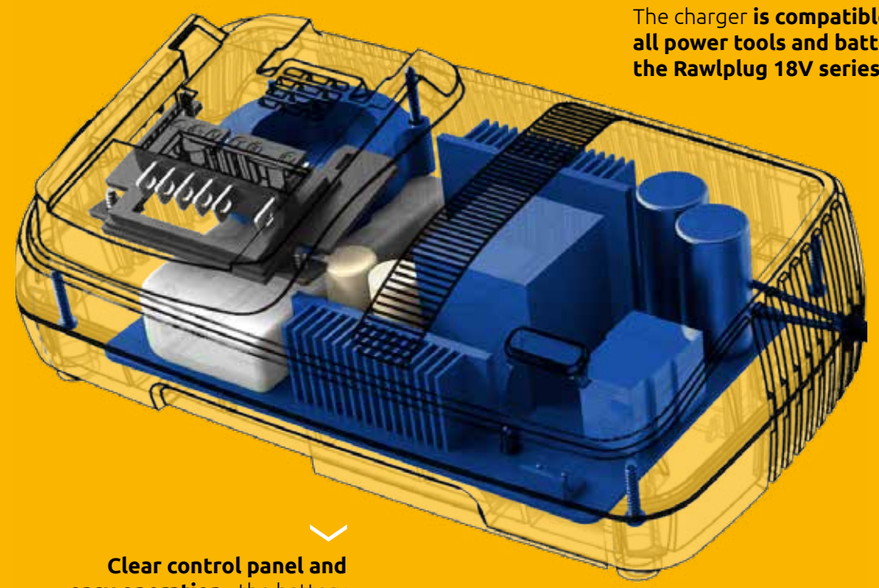
Index		Powertool	Li-Ion batteries R-BAT-185001 [5.0 AH]	Rawlcase R-RC-6427	Packing [box]	Fast charger 6.5A R-CHR-186501	Operating instructions	Protection gloves	EAN
RawlSAW R-PCS18									
R-PCS18-XL2	[pcs]	1	2	1	-	1	1	1	5906675506258
R-PCS18-S		1	-	1	-	-	1	-	5906675506180
R-PCS18-XS		1	-	-	1	-	1	-	5906675506128

F A S T C H A R G I N G

RawlCHARGER

Provides fast charging and delivering **highest density energy**

The charger **is compatible with all power tools and batteries of the Rawlplug 18V series**



Clear control panel and easy operation - the battery charging process is electronically monitored at every stage

Power

Battery charging

Battery charged

Temperature control

Battery damaged

www.rawlplug.com

RawlCHARGER

CHARGER 18V
R-CHR-186501 18V / 6,5 A | R-CHR-181501 18V / 1,5 A

6.5 A charging current
- charging parameters selected in terms of process speed nd increasing the service life the battery

Battery cooling - charger equipped in cooling system to increase the service life of battery while fast process charging

Clear control panel and easy operation - charging process battery monitored electronically at every stage

Fast charging reduces downtime during operation

Universality
- charger compatible with all power tools and batteries from the Rawlplug 18V series

Charging current 1.5 A
- charging parameters selected for speed process and increase battery lifetime

APPLICATIONS

Designed for use with all 18V Rawlplug batteries

OFFER

Charger R-CHR-186501	Charger R-CHR-181501

TECHNICAL PARAMETERS

Index	R-CHR-186501
Charging voltage	18 V
Charging Current	6,5 A
Charging time battery 5,0 Ah	50 min

Index	R-CHR-181501
Charging voltage	18 V
Charging Current	1,5A
Charging time battery 2,0 Ah	40 min

R-PGL

PROTECTIVE GLOVES FOR POWER TOOLS

Protective gloves with special cushions to reduce vibration when working with power tools

Strengthening the glove on a part of the thumb prevents the material from rubbing when working with power tools

Made of **high quality materials** such as synthetic leather, protect hands while working

Strong bur prevents the glove from slipping during use

Special pads on the inside of the glove provide better grip and partially suppress the vibration so that the work is not burdensome

R-RC RawlCASE

THE SYSTEM'S TRANSPORT CASE

The system's transport case, which connects to cases of different dimensions, enables convenient transport of tools and power tools.

Static pressure resistance **up to 100 kg**

One case for many tools

High mechanical strength -suitcase made of **ABS material**

Easy to transport and store

The cases can be connected together

Load capacity of the handle **up to 70 kg**

RawlHAMMER **R-PRH18**

RawlWRENCH **R-PIW18**

RawlWRENCH **R-PID18**

RawlDRIVER **R-PDD18**

RawlDRIVER **R-PDS18**

RawlGRINDER **R-PAG18**

R-PGO

SAFETY GLASSES FOR POWER TOOLS

Very light eyewear with polycarbonate class 1FT lenses according to EN 166 with a removable insert Dual TPR

It fills the gap between the eyewear and the wearer's face, thereby significantly **reducing the possibility of an injury to the eyes from projectiles** and/or other dangerous objects.

The clear lenses protect against UV radiation according to EN 170

The lenses feature anti-fog and anti-scratch protection.

Resistant to impact with low energy flying particles

*Available from 2021

Power Tool Accessories

Drill bits	**74**
Drill bits and chisels for concrete	**75**
SDS max	**76**
SDS plus	**81**
Drill bits for steel	**95**
Drill bits for wood	**100**
Bits, bit holders and sockets	**106**
Bits	**107**
Bit holders	**109**
Sockets	**112**
Diamond technology	**114**
Diamond discs	**118**
Cutting wheels	**123**
Saws	**127**

RAWLPLUG®

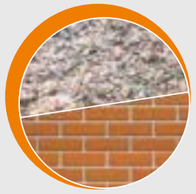
100 YEARS OF EXPERTISE IN FIXINGS, FASTENERS AND TOOLS

POWER TOOL ACCESSORIES

DRILL BITS FOR ALL YOUR APPLICATIONS

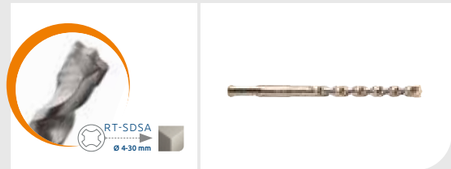
FOR ANCHORING
AND CREATING LASTING CONNECTIONS

SOLID WALLS



AGGRESSOR

Drill bits for fast drilling in concrete

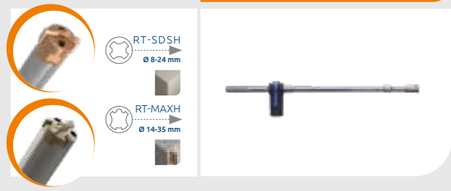


REBARDRILL

High-quality SDS plus and SDS max drill bits for drilling in reinforced concrete

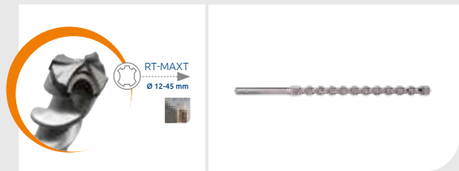
DUSTLESSDRILL

Hollow drill bits SDS plus and SDS max for dust-free drilling in concrete



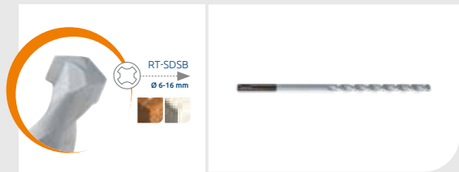
TURBODRILL

SDS max drill bits for drilling deep holes in reinforced concrete

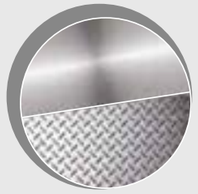


BRICKDRILL

Drill bits with reduced SDS plus shank for non-impact drilling in ceramic materials and hollow concrete blocks



METAL

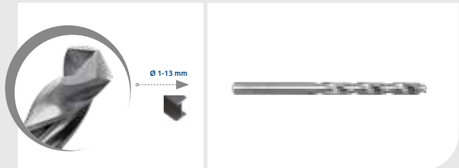


RT-HSSC

Cobalt HSS drill bits for a precise drilling in stainless steel

RT-HSSP

Ground HSS drill bits for a precise drilling in steel and non-ferrous metal



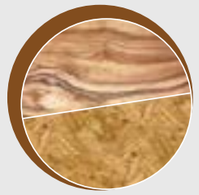
RT-HSSL

Ground HSS drill bits, extended, for a precise drilling of deep holes in steel and non-ferrous metal

RT-HSSD

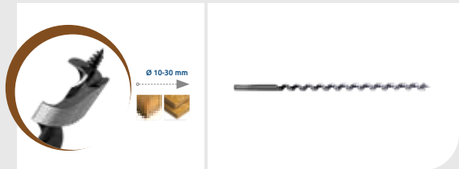
Double ended HSS ground bits for drilling holes for rivets in steel plates

WOOD



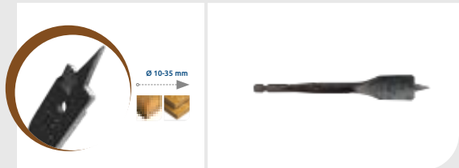
RT-AWD

Auger bits for fast drilling in wood, without the need of applying much force



RT-FLWD

Flat drill bits with a reinforced shank for a fast drilling of holes, high in diameter, in wood and wood-based materials

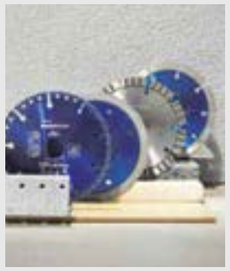


RT-FWD

Formwork drll bits for drilling deep holes in timber and light construction materials

RT-PDW

Drill bits with two blades and Centre point for drilling holes in wood



ACCESSORIES ›

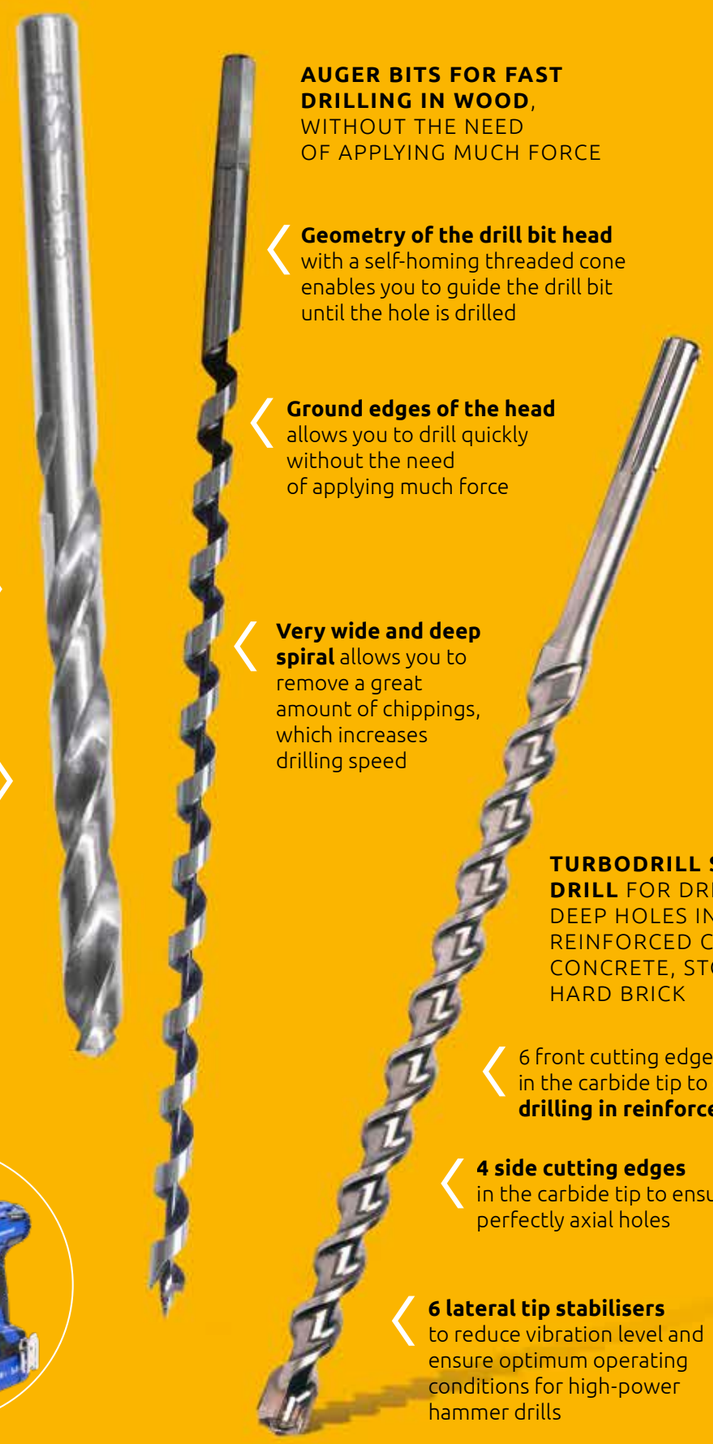
RAWLPLUG Academy

Use the e-learning training
or sign up for our hands-on training.

- *Drill bits - general characteristics*

www.rawlplug.com

DRILL BITS
FOR CONCRETE, STEEL, WOOD



RT-HSS GROUND DRILL BITS FOR A PRECISE DRILLING IN STEEL AND NON-FERROUS METAL

Drill bits made of **high-quality HSS steel**, which ensures high durability

Ground spiral enables you to drill precisely

Double-sided geometry of the point (SPLIT POINT) ensures ideal Centre and reduces pressure while drilling

AUGER BITS FOR FAST DRILLING IN WOOD, WITHOUT THE NEED OF APPLYING MUCH FORCE

Geometry of the drill bit head with a self-homing threaded cone enables you to guide the drill bit until the hole is drilled

Ground edges of the head allows you to drill quickly without the need of applying much force

Very wide and deep spiral allows you to remove a great amount of chippings, which increases drilling speed

TURBODRILL SDS MAX DRILL FOR DRILLING DEEP HOLES IN REINFORCED CONCRETE, CONCRETE, STONE AND HARD BRICK

6 front cutting edges in the carbide tip to enable **drilling in reinforced concrete**

4 side cutting edges in the carbide tip to ensure perfectly axial holes

6 lateral tip stabilisers to reduce vibration level and ensure optimum operating conditions for high-power hammer drills

DRILL BITS FOR CONCRETE

IN TERMS OF ANCHORING AND CREATING LASTING CONNECTIONS

DUSTLESSDRILL

Hollow drill bits SDS plus and SDS max for dust-free drilling in concrete

RT-SDSH
Ø 8-24 mm

RT-MAXH
Ø 14-35 mm

AGGRESSOR

Drill bits for fast drilling in concrete

RT-SDSA
Ø 4-30 mm

REBARDRILL

High-quality SDS plus and SDS max drill bits for drilling in reinforced concrete

RT-SDSR
Ø 4-20 mm

RT-MAXR
Ø 12-20 mm

TURBODRILL

SDS max drill bits for drilling deep holes in reinforced concrete

RT-MAXT
Ø 12-45 mm

BRICKDRILL

Drill bits with reduced SDS plus shank for non-impact drilling in ceramic materials and hollow concrete blocks

RT-SDSB
Ø 6-16 mm

RT-MAXH HOLLOW DRILL BITS DUSTLESSDRILL SDS MAX

Hollow drill bits SDS max for dust-free drilling in reinforced concrete

SDS MAX

CERTIFICATE

FEATURES AND BENEFITS

- Two holes in the tip of the drill bit allows you to drill and extract dust simultaneously (due to the possibility of fastening a vacuum cleaner)
- Drilling, along with dust extraction, make the hole smooth and clean
- Quick removal of dust increases drilling speed and enhances drill bit durability (reduces friction)
- Drilled holes do not require cleaning before fastening, which greatly reduces assembly time
- Rubber adapter, which is built-in the bit, enables you to fasten a vacuum cleaner hose and to drill holes without dust

APPLICATIONS

- Drilling holes in reinforced concrete, concrete, stone and hard brick

Size	Rawlplug code	Drill diameter	Length	Working length	Quantity	Inner box weight
		[mm]	[mm]	[mm]	[pcs]	[kg]
Ø14	RT-MAXH-14/600	14	600	400	1	0.82
Ø16	RT-MAXH-16/600	16	600	400	1	0.92
Ø18	RT-MAXH-18/600	18	600	400	1	0.99
Ø20	RT-MAXH-20/600	20	600	400	1	1.13
Ø22	RT-MAXH-22/600	22	600	400	1	1.13
Ø25	RT-MAXH-25/600	25	600	400	1	1.12
Ø28	RT-MAXH-28/600	28	600	400	1	1.29
Ø30	RT-MAXH-30/600	30	600	400	1	1.44
Ø32	RT-MAXH-32/600	32	600	400	1	1.48
Ø35	RT-MAXH-35/600	35	600	400	1	1.59

RT-MAXT TURBODRILL SDS MAX

SDS max drill for drilling deep holes in reinforced concrete, concrete, stone and hard brick

SDS MAX

CERTIFICATE

FEATURES AND BENEFITS

- Steel with specification 34CrNiMo6 provides high strength and durability
- Extremely high quality, cylindricity and axial alignment of drilled holes, confirmed by international SicherSafe certificate
- Optimized drill geometry allows making axial and cylindrical holes, perfect for mounting
- Heat treated, which increases the hardness of the steel to 52 HRC for optimal resistance during operation
- The drill core is subjected to special heat treatment, which increases its flexibility, resistance to twisting and prevents breaking
- Monolithic, one-piece carbide tip with 10 cutting edges, including 6 front and 4 side edges, enabling easy and fast drilling in reinforced concrete without damaging.

APPLICATIONS

- Drilling holes in reinforced concrete, concrete, stone and hard brick

RT-MAXT TURBODRILL SDS MAX (cont.)

Size	Rawlplug code	Drill diameter	Length	Working length	Quantity	Inner box weight
		[mm]	[mm]	[mm]	[pcs]	[kg]
Ø16	RT-MAXT-16/340	16	340	200	1	0.44
	RT-MAXT-16/540	16	540	400	1	0.59
	RT-MAXT-16/690	16	690	550	1	0.70
Ø18	RT-MAXT-18/340	18	340	200	1	0.50
	RT-MAXT-18/540	18	540	400	1	0.72
	RT-MAXT-18/690	18	690	550	1	0.89
Ø20	RT-MAXT-20/340	20	340	200	1	0.55
	RT-MAXT-20/540	20	540	400	1	0.82
	RT-MAXT-20/690	20	690	550	1	1.04
Ø22	RT-MAXT-22/340	22	340	200	1	0.60
	RT-MAXT-22/540	22	540	400	1	0.93
	RT-MAXT-22/690	22	690	550	1	1.17
Ø24	RT-MAXT-24/340	24	340	200	1	0.67
	RT-MAXT-24/540	24	540	400	1	1.05
	RT-MAXT-24/690	24	690	550	1	1.31
Ø25	RT-MAXT-25/340	25	340	200	1	0.74
	RT-MAXT-25/540	25	540	400	1	1.14
	RT-MAXT-25/690	25	690	550	1	1.50
Ø26	RT-MAXT-26/340	26	340	200	1	0.74
	RT-MAXT-26/540	26	540	400	1	1.18
	RT-MAXT-26/690	26	690	550	1	1.33
Ø28	RT-MAXT-28/340	28	340	200	1	0.83
	RT-MAXT-28/540	28	540	400	1	1.20
	RT-MAXT-28/690	28	690	550	1	1.69
Ø30	RT-MAXT-30/340	30	340	200	1	0.87
	RT-MAXT-30/540	30	540	400	1	1.34
	RT-MAXT-30/690	30	690	550	1	1.89
Ø32	RT-MAXT-32/340	32	340	200	1	0.88
	RT-MAXT-32/540	32	540	400	1	1.47
Ø35	RT-MAXT-35/340	35	340	200	1	0.97
	RT-MAXT-35/540	35	540	400	1	1.96
	RT-MAXT-35/690	35	690	550	1	2.10
Ø36	RT-MAXT-36/540	36	540	400	1	1.95
Ø38	RT-MAXT-38/340	38	340	200	1	1.10
	RT-MAXT-38/540	38	540	400	1	1.74
	RT-MAXT-38/690	38	690	550	1	2.33
Ø40	RT-MAXT-40/540	40	540	400	1	2.00
Ø42	RT-MAXT-42/540	42	540	400	1	2.28
Ø45	RT-MAXT-45/540	45	540	400	1	2.28

RT-MAXR REBARDRILL SDS MAX

SDS max drill with 3 symmetrically arranged cutting edges allow, for drilling holes in reinforced concrete, concrete, stone and hard brick

SDS MAX

RT-MAXR REBARDRILL SDS MAX (cont.)

CERTIFICATE

FEATURES AND BENEFITS

- Monolithic carbide tip increases the life of the drill bit
- Centre point for quick commencement of drilling without the drill slipping
- 3 symmetrically arranged cutting edges allow for perfectly straight and axial drilling
- Angle tip 135° allows drilling in reinforced concrete
- Very deep seating of carbide plate significantly improves connection with the drill core, which affects quality
- 3 material extraction surfaces and special shape of the drill facilitate the removal of dust
- Steel with specification 34CrNiMo6 provides high strength and durability
- Heat treated, which increases the hardness of the steel to 52 HRC for optimal resistance during operation
- Extremely high quality, cylindricity and axial alignment of drilled holes, confirmed by international Sicher Safe certificate

APPLICATIONS

- Drilling holes in reinforced concrete, concrete, stone and hard brick

Size	Rawlplug code	Drill diameter	Length	Working length	Quantity	Inner box weight
		[mm]	[mm]	[mm]	[pcs]	kg
Ø12	RT-MAXR-12/340	12	340	200	1	0.38
	RT-MAXR-12/540	12	540	400	1	0.48
Ø14	RT-MAXR-14/340	14	340	200	1	0.51
	RT-MAXR-14/540	14	540	400	1	0.40
Ø15	RT-MAXR-15/340	15	340	200	1	0.44
	RT-MAXR-15/540	15	540	400	1	0.59
Ø16	RT-MAXR-16/340	16	340	200	1	0.44
	RT-MAXR-16/540	16	540	400	1	0.59
Ø18	RT-MAXR-18/340	18	340	200	1	0.50
	RT-MAXR-18/540	18	540	400	1	0.72
Ø20	RT-MAXR-20/340	12	340	200	1	0.55
	RT-MAXR-20/540	20	540	400	1	0.82

RT-MAXC CONNECTOR SDS MAX

System of extensions and connector SDS max allows drilling deep holes

FEATURES AND BENEFITS

- A special system of extensions and connector SDS max allows drilling deep holes in reinforced concrete
- Two slots SDS max allows the application of extensions and drill bits in one adapter
- The connector provides fast and secure connections between drill bit and extension
- The special design of the connector allows the transfer of 100% impact power

APPLICATIONS

- Deep hole drilling by drill bits SDS max above 32 mm

Rawlplug code	Length	Quantity	Inner box weight
	mm	pcs	kg
RT-MAXC-ADAP	190	1	0.64
RT-MAXC-320	320	1	0.59
RT-MAXC-750	750	1	1.44
RT-MAXC-1100	1100	1	2.14

RT-MAXA-PC POINT CHISELS SDS MAX

Specially shaped point chisel for quick chipping of concrete

FEATURES AND BENEFITS

- 4 spiral cutting edges to prevent wedging of the chisel in the concrete
- Concave surfaces on the chisel's point allow the transfer of 100% of the impact energy

APPLICATIONS

- Chiselling and chipping concrete, brick and other construction materials

Rawlplug code	Drill diameter	Length	Quantity	Weight
	mm	mm	pcs	kg
RT-MAXA-PC-18/280	18	280	1	0.49
RT-MAXA-PC-18/400	18	400	1	0.88

RT-MAXA-FT FLAT CHISEL SDS MAX

Flat chisels for heavy-duty work in concrete

FEATURES AND BENEFITS

- The wide chipping tip of the chisel allows for faster work
- Steel with specification 34CrNiMo6 provides high strength and durability
- Heat treated, which increases the hardness of the steel to 52 HRC for optimal resistance during operation

APPLICATIONS

- Chiselling and chipping concrete, old tiles and terracotta

Rawlplug code	Width	Length	Quantity	Weight
	[mm]	[mm]	[pcs]	kg
RT-MAXA-FT-24/280	24	280	1	0.30
RT-MAXA-FT-24/400	24	400	1	0.73
RT-MAXA-FT-50-360	50	360	1	0.71

RT-MAXA-CH CHANNEL CHISEL SDS MAX

Chisel for quick grooving and fissuring

FEATURES AND BENEFITS

- The special shape of the chisel allows making grooves without the need for cutting the surface
- Steel with specification 34CrNiMo6 provides high strength and durability
- Heat treated, which increases the hardness of the steel to 52 HRC for optimal resistance during operation

APPLICATIONS

- Chisel designed to make grooves and slots in concrete, stone and brick

Rawlplug code	Width	Length	Quantity	Inner box weight
	[mm]	mm	pcs	kg
RT-MAXA-CH-26/301	26	300	1	0.30

RT-MAXA-BH CHANNEL CHISEL SDS MAX

Channelling chisel for fast grooving at a constant depth in brick and light construction materials

FEATURES AND BENEFITS

- Special oval-shaped chisel with 3 sharp edges makes it easy to penetrate the material
- Additional side flaps allow chipping at a constant depth and provide additional support during the removal of material
- Steel with specification 34CrNiMo6 provides high strength and durability
- Heat treated, which increases the hardness of the steel to 52 HRC for optimal resistance during operation

APPLICATIONS

- Channelling chisel for grooving in brick and light construction materials

Rawlplug code	Width	Length	Quantity	Inner box weight
	[mm]	mm	pcs	kg
RT-MAXA-BH-35/380	35	380	1	0.30

RT-MAXA-BUSHH BUSH HAMMER SDS MAX

Bush hammer chisel for levelling concrete surfaces

FEATURES AND BENEFITS

- The chisel plane with a width of 45 mm and 16 teeth allows aligning concrete surfaces
- Steel with specification 34CrNiMo6 provides high strength and durability
- Heat treated, which increases the hardness of the steel to 52 HRC for optimal resistance during operation

APPLICATIONS

- Chisel for levelling concrete surfaces

Rawlplug code	Length	Quantity	Inner box weight
	mm	pcs	kg
RT-MAXA-BUSHH	300	1	1.09

RT-SDSA DRILL BITS AGGRESSOR SDS PLUS

Drill bits SDS plus for fast drilling in concrete

SDS plus

CERTIFICATE

FEATURES AND BENEFITS

- Centre point for quick commencement of drilling without the drill slipping
- 160° angle tip allows for quick drilling in concrete
- Very deep seating of carbide plate significantly improves connection with the drill core, which affects quality
- Aggressive grooves allow fast extraction of material and increase the drilling speed
- Steel with specification 34CrNiMo6 provides high strength and durability
- Heat treated, which increases the hardness of the steel to 52 HRC for optimal resistance during operation
- Extremely high quality, cylindricity and axial alignment of drilled holes, confirmed by international Sicher Safe certificate

APPLICATIONS

- Drilling holes in concrete, brick and stone
- Suitable for operation with SDS plus hammer drill

Size	Rawlplug code	Drill diameter	Length	Working length	Quantity	Inner box weight
		mm	mm	mm	pcs	kg
Ø4	RT-SDSA-4/110	4	110	50	1	0.04
Ø5	RT-SDSA-5/110	5	110	50	1	0.04
	RT-SDSA-5/160	5	160	100	1	0.04
	RT-SDSA-5/160B12	5	160	100	12	0.50
	RT-SDSA-5/210	5	210	150	1	0.04
	RT-SDSA-5/310	5	310	250	1	0.06
	RT-SDSA-5/310B12	5	310	250	12	9.12
	RT-SDSA-5/360	5	360	300	1	0.07
	RT-SDSA-5/460	5	460	400	1	0.08
Ø5.5	RT-SDSA-55/110	5.5	110	50	1	0.04
	RT-SDSA-55/160	5.5	160	100	1	0.04
	RT-SDSA-55/260	5.5	260	200	1	0.06
	RT-SDSA-55/310	5.5	310	250	1	0.06
	RT-SDSA-55/460	5.5	460	400	1	0.09
Ø6	RT-SDSA-6/110	6	110	50	1	0.04
	RT-SDSA-6/160	6	160	100	1	0.05
	RT-SDSA-6/160B12	6	160	100	12	6.84
	RT-SDSA-6/210	6	210	150	1	0.05
	RT-SDSA-6/210B12	6	210	150	12	0.65
	RT-SDSA-6/260	6	260	200	1	0.10
	RT-SDSA-6/310	6	310	250	1	0.06
	RT-SDSA-6/310B12	6	310	250	12	10.61
	RT-SDSA-6/360	6	360	300	1	0.08
	RT-SDSA-6/460	6	460	400	1	0.09
Ø6.5	RT-SDSA-65/110	6.5	110	50	1	0.04
	RT-SDSA-65/160	6.5	160	100	1	0.05
	RT-SDSA-65/210	6.5	210	150	1	0.06
	RT-SDSA-65/260	6.5	260	200	1	0.06
	RT-SDSA-65/310	6.5	310	250	1	0.07
Ø7	RT-SDSA-7/110	7	110	50	1	0.04
	RT-SDSA-7/160	7	160	100	1	0.05
	RT-SDSA-7/210	7	210	150	1	0.06
	RT-SDSA-7/260	7	260	200	1	0.07
	RT-SDSA-7/310	7	310	250	1	0.07
Ø8	RT-SDSA-8/110	8	110	50	1	0.04
	RT-SDSA-8/160	8	160	100	1	0.06

RT-SDSA DRILL BITS AGGRESSOR SDS PLUS (cont.)

Size	Rawlplug code	Drill diameter	Length	Working length	Quantity	Inner box weight
		mm	mm	mm	pcs	kg
Ø8	RT-SDSA-8/160B12	8	160	100	12	8.15
	RT-SDSA-8/210	8	210	150	1	0.07
	RT-SDSA-8/210B12	8	210	150	12	0.83
	RT-SDSA-8/260	8	260	200	1	0.07
	RT-SDSA-8/260B12	8	260	200	12	0.98
	RT-SDSA-8/360	8	360	300	1	0.12
	RT-SDSA-8/310	8	310	250	1	0.08
	RT-SDSA-8/310B12	8	310	250	12	11.64
	RT-SDSA-8/410	8	410	350	1	0.14
	RT-SDSA-8/460	8	460	400	1	0.15
	RT-SDSA-8/610	8	610	550	1	0.18
	RT-SDSA-8/1000	8	1000	940	1	0.27
Ø9	RT-SDSA-9/160	9	160	100	1	0.07
Ø9.5	RT-SDSA-95/260	9.5	260	200	1	0.30
	RT-SDSA-95/310	9.5	310	250	1	0.30
	RT-SDSA-95/410	9.5	410	350	1	0.30
Ø10	RT-SDSA-10/110	10	110	50	1	0.05
	RT-SDSA-10/160	10	160	100	1	0.07
	RT-SDSA-10/160B12	10	160	100	12	12.00
	RT-SDSA-10/210	10	210	150	1	0.09
	RT-SDSA-10/210B12	10	210	150	12	1.04
	RT-SDSA-10/260	10	260	200	1	0.08
	RT-SDSA-10/260B12	10	260	200	12	1.26
	RT-SDSA-10/310	10	310	250	1	0.08
	RT-SDSA-10/310B12	10	310	250	12	12.00
	RT-SDSA-10/360	10	360	300	1	0.16
	RT-SDSA-10/410	10	410	350	1	0.16
	RT-SDSA-10/460	10	460	400	1	0.20
	RT-SDSA-10/610	10	610	550	1	0.26
	RT-SDSA-10/1000	10	1000	940	1	0.45
Ø11	RT-SDSA-11/310	11	310	250	1	0.15
	RT-SDSA-11/410	11	410	350	1	0.19
Ø12	RT-SDSA-12/160	12	160	100	1	0.09
	RT-SDSA-12/210	12	210	150	1	0.11
	RT-SDSA-12/260	12	260	200	1	0.08
	RT-SDSA-12/310	12	310	250	1	0.17
	RT-SDSA-12/410	12	410	350	1	0.23
	RT-SDSA-12/460	12	460	400	1	0.41
	RT-SDSA-12/610	12	610	550	1	0.33
	RT-SDSA-12/1000	12	1000	940	1	0.54
Ø13	RT-SDSA-13/210	13	210	150	1	0.14
	RT-SDSA-13/260	13	260	200	1	0.17
Ø14	RT-SDSA-14/160	14	160	100	1	0.11
	RT-SDSA-14/210	14	210	150	1	0.13
	RT-SDSA-14/260	14	260	200	1	0.17
	RT-SDSA-14/310	14	310	250	1	0.20
	RT-SDSA-14/460	14	460	400	1	0.25
	RT-SDSA-14/610	14	610	550	1	0.38
	RT-SDSA-14/1000	14	1000	940	1	0.62
Ø15	RT-SDSA-15/160	15	160	100	1	0.14
	RT-SDSA-15/210	15	210	150	1	0.17
Ø16	RT-SDSA-16/160	16	160	100	1	0.14
	RT-SDSA-16/210	16	210	150	1	0.18
	RT-SDSA-16/260	16	260	200	1	0.21
	RT-SDSA-16/310	16	310	250	1	0.26

RT-SDSA DRILL BITS AGGRESSOR SDS PLUS (cont.)

Size	Rawlplug code	Drill diameter	Length	Working length	Quantity	Inner box weight
		mm	mm	mm	pcs	kg
Ø16	RT-SDSA-16/460	16	460	400	1	0.30
	RT-SDSA-16/610	16	610	550	1	0.50
	RT-SDSA-16/1000	16	1000	940	1	0.88
Ø18	RT-SDSA-18/210	18	210	150	1	0.22
	RT-SDSA-18/260	18	260	200	1	0.28
	RT-SDSA-18/310	18	310	250	1	0.32
	RT-SDSA-18/460	18	460	400	1	0.49
	RT-SDSA-18/610	18	610	550	1	0.68
	RT-SDSA-18/1000	18	1000	940	1	1.11
Ø20	RT-SDSA-20/210	20	210	150	1	0.28
	RT-SDSA-20/310	20	310	250	1	0.40
	RT-SDSA-20/460	20	460	400	1	0.53
	RT-SDSA-20/610	20	610	550	1	0.79
	RT-SDSA-20/1000	20	1000	940	1	1.20
Ø22	RT-SDSA-22/310	22	310	250	1	0.44
	RT-SDSA-22/460	22	460	400	1	0.70
Ø24	RT-SDSA-24/310	24	310	250	1	0.55
	RT-SDSA-24/460	24	460	400	1	0.83
Ø25	RT-SDSA-25/310	25	310	250	1	0.61
	RT-SDSA-25/460	25	460	400	1	0.96
	RT-SDSA-25/610	25	610	550	1	1.32
	RT-SDSA-25/1000	25	1000	940	1	2.31
Ø26	RT-SDSA-26/460	26	460	400	1	0.94
Ø30	RT-SDSA-30/460	30	460	400	1	1.10

RT-SDSA-SET1 DRILL BITS SET AGGRESSOR SDS PLUS 3 PCS

Drill bits SDS plus for fast drilling in concrete

CERTIFICATE

FEATURES AND BENEFITS

- Centre point for quick commencement of drilling without the drill slipping
- 160° angle tip allows for quick drilling in concrete
- Very deep seating of carbide plate significantly improves connection with the drill core, which affects quality
- Aggressive grooves allow fast extraction of material and increase the drilling speed
- Steel with specification 34CrNiMo6 provides high strength and durability
- Heat treated, which increases the hardness of the steel to 52 HRC for optimal resistance during operation
- Extremely high quality, cylindricity and axial alignment of drilled holes, confirmed by international Sicher Safe certificate

APPLICATIONS

- Drilling holes in concrete, brick and stone
- Suitable for operation with SDS plus hammer drill

Size	Rawlplug code	Drill diameter	Length	Inner box weight
		mm	mm	kg
Ø6; 8; 10	RT-SDSA-SET1	6; 8; 10	160	0.19

RT-SDSA-SET2 DRILL BITS SET AGGRESSOR SDS PLUS 5 PCS

Drill bits SDS plus for fast drilling in concrete

CERTIFICATE

FEATURES AND BENEFITS

- Centre point for quick commencement of drilling without the drill slipping
- 160° angle tip allows for quick drilling in concrete
- Very deep seating of carbide plate significantly improves connection with the drill core, which affects quality
- Aggressive grooves allow fast extraction of material and increase the drilling speed
- Steel with specification 34CrNiMo6 provides high strength and durability
- Heat treated, which increases the hardness of the steel to 52 HRC for optimal resistance during operation
- Extremely high quality, cylindricity and axial alignment of drilled holes, confirmed by international Sicher Safe certificate

APPLICATIONS

- Drilling holes in concrete, brick and stone
- Suitable for operation with SDS plus hammer drill

Size	Rawlplug code	Drill diameter	Length	Inner box weight
		mm	mm	kg
Ø5; 6; 8; 10; 12	RT-SDSA-SET2	5; 6; 8; 10; 12	160	0.32

RT-SDSB DRILL BITS BRICKDRILL SDS PLUS

Drill bits for non-impact drilling in ceramic materials

CERTIFICATE

FEATURES AND BENEFITS

- Angle tip 120° allows for quick drilling in ceramic materials without damaging the material
- Long drills allow drilling through insulation
- Impact-free drilling by cutting material
- Perfectly straight holes without damaging ceramic bricks
- Short drill winding allows the extraction of dust between the cracks in ceramic blocks
- Steel with specification 34CrNiMo6 provides high strength and durability
- Heat treated, which increases the hardness of the steel to 52 HRC for optimal resistance during operation

APPLICATIONS

- Drilling holes in ceramic hollow blocks and concrete hollow blocks
- Suitable for operation with SDS plus hammer drill

Size	Rawlplug code	Drill diameter	Length	Working length	Quantity	Inner box weight
		mm	mm	mm	pcs	kg
Ø6	RT-SDSB-6/260	6	260	200	1	0.07
Ø8	RT-SDSB-8/260	8	260	200	1	0.10
	RT-SDSB-8/310	8	310	250	1	0.11
	RT-SDSB-8/460	8	460	400	1	0.20
Ø10	RT-SDSB-10/260	10	260	200	1	0.29
	RT-SDSB-10/310	10	310	250	1	0.16
	RT-SDSB-10/460	10	460	400	1	0.20

RT-SDSB DRILL BITS BRICKDRILL SDS PLUS (cont.)

Size	Rawlplug code	Drill diameter	Length	Working length	Quantity	Inner box weight
		mm	mm	mm	pcs	kg
Ø12	RT-SDSB-12/260	12	260	200	1	0.17
Ø15	RT-SDSB-15/260	15	260	200	1	0.25
Ø16	RT-SDSB-16/260	16	260	200	1	0.25

RT-SDSG GRANITE DRILL BITS SDS PLUS

Drill bits SDS plus for drilling holes in granite slabs

CERTIFICATE

FEATURES AND BENEFITS

- The special conical shape of the tip allows drilling in hard granite slabs
- Very deep seating of carbide plate significantly improves connection with the drill core, which affects quality
- Aggressive grooves allow fast extraction of material and increase the drilling speed
- Steel with specification 34CrNiMo6 provides high strength and durability
- Heat treated, which increases the hardness of the steel to 52 HRC for optimal resistance during operation
- Extremely high quality, cylindricity and axial alignment of drilled holes, confirmed by international Sicher Safe certificate

APPLICATIONS

- Drilling holes in granite slabs
- Suitable for operation with SDS plus hammer drill

Size	Rawlplug code	Drill diameter	Length	Weight
		mm	mm	kg
Ø3	RT-SDSG-3/085	3	85	0.03
Ø4	RT-SDSG-4/110	4	110	0.04
	RT-SDSG-4/160	4	160	0.04
Ø5	RT-SDSG-5/110	5	110	0.04
	RT-SDSG-5/160	5	160	0.04
Ø6	RT-SDSG-6/110	6	110	0.04
	RT-SDSG-6/160	6	160	0.05
Ø8	RT-SDSG-8/110	8	110	0.04
	RT-SDSG-8/160	8	160	0.06
Ø10	RT-SDSG-10/110	10	110	0.05
	RT-SDSG-10/160	10	160	0.07
Ø12	RT-SDSG-12/160	12	160	0.09
Ø14	RT-SDSG-14/160	14	160	0.11
Ø16	RT-SDSG-16/160	16	160	0.14

RT-SDSR DRILL BITS REBARDRILL SDS PLUS

High-quality SDS plus drill bits for drilling in reinforced concrete

SDS plus

CERTIFICATE

FEATURES AND BENEFITS

- Monolithic carbide tip increases the life of the drill bit
- Centre point for quick commencement of drilling without the drill slipping
- 3 symmetrically arranged cutting edges allow for perfectly straight and axial drilling
- Angle tip 135° allows drilling in reinforced concrete
- Very deep seating of carbide plate significantly improves connection with the drill core, which affects quality
- 3 material extraction surfaces and special shape of the drill facilitate the removal of dust
- Steel with specification 34CrNiMo6 provides high strength and durability

APPLICATIONS

- Drilling holes in reinforced concrete, concrete, stone and hard brick
- Suitable for operation with SDS plus hammer drill

Size	Rawlplug code	Drill diameter	Length	Working length	Quantity	Inner box weight
		mm	mm	mm	pcs	kg
Ø5	RT-SDSR-5/110	5	110	50	1	0.04
	RT-SDSR-5/160	5	160	100	1	0.04
	RT-SDSR-5/160B12	5	160	100	12	0.48
	RT-SDSR-5/210	5	210	150	1	0.05
	RT-SDSR-5/360	5	360	300	1	0.07
Ø6	RT-SDSR-6/110	6	110	50	1	0.04
	RT-SDSR-6/160	6	160	100	1	0.05
	RT-SDSR-6/160B12	6	160	100	12	6.84
	RT-SDSR-6/210	6	210	150	1	0.06
	RT-SDSR-6/260	6	260	200	1	0.07
	RT-SDSR-6/310	6	310	250	1	0.06
	RT-SDSR-6/310B12	6	310	250	12	10.61
	RT-SDSR-6/360	6	360	300	1	0.08
Ø7	RT-SDSR-7/160	7	160	100	1	0.05
Ø8	RT-SDSR-8/110	8	110	50	1	0.05
	RT-SDSR-8/160	8	160	100	1	0.06
	RT-SDSR-8/160B12	8	160	100	12	8.15
	RT-SDSR-8/210	8	210	150	1	0.07
	RT-SDSR-8/260	8	260	200	1	0.08
	RT-SDSR-8/310	8	310	250	1	0.10
	RT-SDSR-8/310B12	8	310	250	12	11.64
	RT-SDSR-8/360	8	360	300	1	0.09
	RT-SDSR-8/460	8	460	400	1	0.13
Ø10	RT-SDSR-10/110	10	110	50	1	0.05
	RT-SDSR-10/160	10	160	100	1	0.08
	RT-SDSR-10/160B12	10	160	100	12	12.00
	RT-SDSR-10/210	10	210	150	1	0.09
	RT-SDSR-10/260	10	260	200	1	0.11
	RT-SDSR-10/260B12	10	260	200	12	1.32
	RT-SDSR-10/310	10	310	250	1	0.13
	RT-SDSR-10/310B12	10	310	250	12	12.00
	RT-SDSR-10/360	10	360	300	1	0.14
	RT-SDSR-10/460	10	460	400	1	0.30

RT-SDSR DRILL BITS REBARDRILL SDS PLUS (cont.)

Size	Rawlplug code	Drill diameter	Length	Working length	Quantity	Inner box weight
		mm	mm	mm	pcs	kg
Ø12	RT-SDSR-12/160	12	160	100	1	0.09
	RT-SDSR-12/210	12	210	150	1	0.12
	RT-SDSR-12/260	12	260	200	1	0.14
	RT-SDSR-12/310	12	310	250	1	0.16
	RT-SDSR-12/460	12	460	400	1	0.23
Ø14	RT-SDSR-14/160	14	160	100	1	0.11
	RT-SDSR-14/210	14	210	150	1	0.14
	RT-SDSR-14/260	14	260	200	1	0.16
	RT-SDSR-14/310	14	310	250	1	0.19
	RT-SDSR-14/460	14	460	400	1	0.28
Ø15	RT-SDSR-15/160	15	160	100	1	0.13
	RT-SDSR-15/210	15	210	150	1	0.16
Ø16	RT-SDSR-16/160	16	160	100	1	0.13
	RT-SDSR-16/210	16	210	150	1	0.15
	RT-SDSR-16/260	16	260	200	1	0.18
	RT-SDSR-16/310	16	310	250	1	0.21
	RT-SDSR-16/460	16	460	400	1	0.31
Ø18	RT-SDSR-18/210	18	210	150	1	0.22
	RT-SDSR-18/310	18	310	250	1	0.26
Ø20	RT-SDSR-20/310	20	310	250	1	0.32
	RT-SDSR-20/460	20	460	400	1	0.55

RT-SDSR-SET1 DRILL BITS SET REBARDRILL SDS PLUS 3 PCS

High-quality SDS plus drill bits for drilling in reinforced concrete

SDS plus

CERTIFICATE

FEATURES AND BENEFITS

- Monolithic carbide tip increases the life of the drill bit
- Centre point for quick commencement of drilling without the drill slipping
- 3 symmetrically arranged cutting edges allow for perfectly straight and axial drilling
- Angle tip 135° allows drilling in reinforced concrete
- Very deep seating of carbide plate significantly improves connection with the drill core, which affects quality
- 3 material extraction surfaces and special shape of the drill facilitate the removal of dust
- Steel with specification 34CrNiMo6 provides high strength and durability

APPLICATIONS

- Drilling holes in reinforced concrete, concrete, stone and hard brick
- Suitable for operation with SDS plus hammer drill

Size	Rawlplug code	Drill diameter	Length	Quantity	Inner box weight
		mm	mm	pcs	kg
Ø6; 8; 10	RT-SDSR-SET1	6; 8; 10	160	1	0.19

RT-SDSR-SET2 DRILL BITS SET REBARDRILL SDS PLUS 5 PCS

High-quality SDS plus drill bits for drilling in reinforced concrete

CERTIFICATE

FEATURES AND BENEFITS

- Monolithic carbide tip increases the life of the drill bit
- Centre point for quick commencement of drilling without the drill slipping
- 3 symmetrically arranged cutting edges allow for perfectly straight and axial drilling
- Angle tip 135° allows drilling in reinforced concrete
- Very deep seating of carbide plate significantly improves connection with the drill core, which affects quality
- 3 material extraction surfaces and special shape of the drill facilitate the removal of dust
- Steel with specification 34CrNiMo6 provides high strength and durability

APPLICATIONS

- Drilling holes in reinforced concrete, concrete, stone and hard brick
- Suitable for operation with SDS plus hammer drill

Size	Rawlplug code	Drill diameter	Length	Quantity	Inner box weight
		mm	mm	pcs	kg
Ø5; 6; 8; 10; 12	RT-SDSR-SET2	5; 6; 8; 10; 12	160	1	0.34

RT-SDSF DRILL BITS FRAMEDRILL SDS PLUS

Special SDS plus drill bits dedicated for framework attachments

CERTIFICATE

FEATURES AND BENEFITS

- Monolithic carbide tip increases the life of the drill bit
- 3 material extraction surfaces and special shape of the drill facilitate the removal of dust
- Centre point for quick commencement of drilling without the drill slipping
- 3 symmetrically arranged cutting edges allow for perfectly straight and axial drilling
- Reinforced grip allows drilling deep and thin holes without breaking the drill
- The drill bit core is subjected to special heat treatment, which increases its flexibility, resistance to twisting and prevents breaking
- Extremely high quality, cylindricity and axial alignment of drilled holes, confirmed by international Sicher Safe certificate

APPLICATIONS

- Drilling holes in reinforced concrete and hard brick for fixing frame
- Suitable for operation with SDS plus hammer drill

Size	Rawlplug code	Drill diameter	Length	Working length	Quantity	Inner box weight
		[mm]	[mm]	[mm]	[pcs]	kg
Ø6	RT-SDSF-6/260	6	260	200	1	0.07
Ø6.5	RT-SDSF-65/260	6.5	260	200	1	0.08

RT-HCB HOLLOW CORE BITS SDS PLUS

Hollow core bits for drilling large diameter holes in concrete, brick and stone, ideal for drilling in electrical applications

FEATURES AND BENEFITS

- High-temperature soldered carbide plates provide high resistance to chipping and increase service life
- The slanted arrangement of the carbide plates ensures higher drilling efficiency in hard concrete
- Cold forged, internal thread M16, provides to strong connection to the core of the adapter and protects against breaking
- A pilot drill bit with a diameter of 8 mm and a length of 100 mm enables precise drilling start in the selected location
- The lateral counter screw prevents the pilot drill bit from moving in the adapter
- SDS plus holder fits to all rotary hammer drills in this class available on the market

APPLICATIONS

- Drilling holes in concrete, brick and stone
- Suitable for operation with SDS plus hammer drill

Size	Rawlplug code	Drill diameter	Length	Inner box weight
		mm	mm	kg
Ø30	RT-HCB-030-070	30	70	0.16
Ø35	RT-HCB-035-070	35	70	0.21
Ø40	RT-HCB-040-070	40	70	0.23
Ø45	RT-HCB-045-070	45	70	0.26
Ø50	RT-HCB-050-070	50	70	0.31
Ø60	RT-HCB-060-070	60	70	0.39
Ø66	RT-HCB-066-070	66	70	0.43
Ø68	RT-HCB-068-070	68	70	0.44
Ø70	RT-HCB-070-070	70	70	0.47
Ø80	RT-HCB-080-070	80	70	0.54
Ø85	RT-HCB-085-070	85	70	0.60
Ø90	RT-HCB-090-070	90	70	0.65
Ø105	RT-HCB-105-070	105	70	0.82
Ø125	RT-HCB-125-070	125	70	1.12
Ø130	RT-HCB-130-070	130	70	1.14
–	RT-HCB-A100	–	100	0.11
–	RT-HCB-A170	–	170	0.22
–	RT-HCB-A220	–	220	0.29
–	RT-HCB-A320	–	320	0.45
Ø8	RT-HCB-PD8	8	100	0.24

Availability Q2 2019

RT-SDSH HOLLOW DRILL BITS DUSTLESSDRILL SDS PLUS

Hollow drill bits SDS plus for dust-free drilling in concrete

SDS plus

CERTIFICATE

FEATURES AND BENEFITS

- Two holes in the tip of the drill bit allows you to drill and extract dust simultaneously (due to the possibility of fastening a vacuum cleaner)
- Drilling, along with dust extraction, make the hole smooth and clean
- Quick removal of dust increases drilling speed and enhances drill bit durability (reduces friction)
- Drilled holes do not require cleaning before fastening, which greatly reduces assembly time
- Centre point for quick commencement of drilling without the drill slipping
- Very deep seating of carbide plate significantly improves connection with the drill core, which affects quality

APPLICATIONS

- Drilling holes in reinforced concrete, concrete, stone and hard brick

Size	Rawlplug code	Drill diameter	Length	Working length	Quantity	Inner box weight
		mm	mm	mm	pcs	kg
Ø8	RT-SDSH-8/270	8	270	150	1	0.22
Ø10	RT-SDSH-10/270	10	270	150	1	0.25
Ø12	RT-SDSH-12/320	12	320	200	1	0.31
Ø14	RT-SDSH-14/370	14	370	250	1	0.39
Ø15	RT-SDSH-15/370	15	370	250	1	0.50
Ø16	RT-SDSH-16/370	16	370	250	1	0.43
Ø18	RT-SDSH-18/370	18	370	250	1	0.53
Ø20	RT-SDSH-20/370	20	370	250	1	0.62
Ø24	RT-SDSH-24/370	24	370	250	1	0.01

RT-SDSD DRILL BITS SDS PLUS WITH COLLAR

Drill bits SDS plus with collar for anchors with internal thread

SDS plus

CERTIFICATE

FEATURES AND BENEFITS

- Monolithic carbide tip increases the life of the drill bit
- Centre point for quick commencement of drilling without the drill slipping
- 3 symmetrically arranged cutting edges allow for perfectly straight and axial drilling
- Angle tip 135° allows drilling in reinforced concrete
- Very deep seating of carbide plate significantly improves connection with the drill core, which affects quality
- 3 material extraction surfaces and special shape of the drill facilitate the removal of dust
- Steel with specification 34CrNiMo6 provides high strength and durability

APPLICATIONS

- Drilling anchor with inner thread in concrete and reinforced concrete
- Suitable for operation with SDS plus hammer drill

RT-SDSD DRILL BITS SDS PLUS WITH COLLAR (cont.)

Rawlplug code	Drill diameter	Length	Working length	Quantity	Inner box weight
	mm	mm	mm	pcs	kg
RT-SDSD-8/110	8	110	27	1	0.12
RT-SDSD-10/110	10	110	32	1	0.12
RT-SDSD-12/130	12	130	42	1	0.16
RT-SDSD-15/160	15	160	52	1	0.31

RT-ADAP EXPANDERS SDS PLUS ROOF SYSTEM

Special SDS plus adapters for tapered Roof System drill bits

SDS plus

FEATURES AND BENEFITS

- The high rigidity of the drill adapter system enables accurate and axial drilling through a thick insulation layer
- Possibility of making small diameter holes by piercing through a thick insulation layer
- The kit includes a wedge to easily pull out the drill bit from the adapter holder

APPLICATIONS

- Drilling holes through insulation for façade and roofing mounting
- Suitable for operation with SDS plus hammer drill

Rawlplug code	Length	Quantity	Inner box weight
	mm	pcs	kg
RT-ADAP-500	500	1	0.42
RT-ADAP-800	800	1	0.62
RT-ADAP-1000	1000	1	0.98

RT-TD DRILL BITS ROOF SYSTEM

Special tapered drill bits for flat roof fixings

FEATURES AND BENEFITS

- Centre point for quick commencement of drilling without the drill slipping
- 160° angle tip allows for quick drilling in concrete
- Very deep seating of carbide plate significantly improves connection with the drill core, which affects quality
- Aggressive grooves allow fast extraction of material and increase the drilling speed
- The conical connection between drill and an SDS plus adapter allows the transfer of 100% of impact

APPLICATIONS

- Drilling holes through insulation for façade and roofing mounting
- Suitable for operation with the RoofSystem adapter

Size	Rawlplug code	Drill diameter	Length	Working length	Quantity	Inner box weight
		mm	mm	mm	pcs	kg
Ø5	RT-TD-50-110	5	110	50	1	0.04
	RT-TD-50-160	5	160	100	1	0.05

RT-TDR DRILL BITS ROOF SYSTEM

Special tapered drill bits for flat roof fixings

FEATURES AND BENEFITS

- Monolithic carbide tip increases the life of the drill bit
- 3 symmetrically arranged cutting edges allow for perfectly straight and axial drilling
- Angle tip 135° allows drilling in reinforced concrete
- Very deep seating of carbide plate significantly improves connection with the drill core, which affects quality
- 3 material extraction surfaces and special shape of the drill facilitate the removal of dust
- Steel with specification 34CrNiMo6 provides high strength and durability
- Heat treated, which increases the hardness of the steel to 52 HRC for optimal resistance during operation

APPLICATIONS

- Drilling holes through insulation for façade and roofing mounting
- Suitable for operation with the RoofSystem adapter

Size	Rawlplug code	Drill diameter	Length	Working length	Quantity	Inner box weight
		mm	mm	mm	pcs	kg
Ø5	RT-TDR-50-110	5	110	50	1	0.03
	RT-TDR-50-160	5	160	100	1	0.04

RT-TDC DRILL BITS ROOF SYSTEM WITH COLLAR

Special tapered drill bits with limiter for flat roof fixings

FEATURES AND BENEFITS

- Centre point for quick commencement of drilling without the drill slipping
- 160° angle tip allows for quick drilling in concrete
- Very deep seating of carbide plate significantly improves connection with the drill core, which affects quality
- The conical connection between drill and an SDS plus adapter allows the transfer of 100% of impact
- Ring acting as a limiter allows drilling holes at a constant depth
- The cuts in the limiter facilitate drilling through insulation without winding up the insulation around the drill bit

APPLICATIONS

- Drilling holes through insulation for façade and roofing mounting
- Suitable for operation with the RoofSystem adapter

Size	Rawlplug code	Drill diameter	Length	Working length	Quantity	Inner box weight
		mm	mm	mm	pcs	kg
Ø5	RT-TDC-50-110/25	5	110	25	1	0.07
	RT-TDC-50-110/35	5	110	35	1	0.07
	RT-TDC-50-160/55	5	160	55	1	0.14

RT-SDSA-PC POINT CHISEL SDS PLUS

Specially shaped point chisel for quick chipping of concrete

FEATURES AND BENEFITS

- 4 spiral cutting edges to prevent wedging of the chisel in the concrete
- Concave surfaces on the chisel's point allow the transfer of 100% of the impact energy
- Steel with specification 34CrNiMo6 provides high strength and durability

APPLICATIONS

- Chiselling and chipping concrete, brick and other construction materials

Rawlplug code	Length	Quantity	Inner box weight
	mm	pcs	kg
RT-SDSA-PC-12/250	250	1	0.18

RT-SDSA-FC FLAT CHISELS SDS PLUS

SDS plus flat chisels for chipping tiles, terracotta, brick and concrete

FEATURES AND BENEFITS

- Wide chipping surface significantly accelerates work
- Steel with specification 34CrNiMo6 provides high strength and durability
- The appropriate length of the chisel provides comfortable maneuvering

APPLICATIONS

- Chipping tiles, terracotta, brick and concrete

Rawlplug code	Length	Quantity	Inner box weight
	mm	pcs	kg
RT-SDSA-FC-20/250	250	1	0.40
RT-SDSA-FC-40/250	250	1	0.30

RT-SDSA-CH CHANNEL CHISEL SDS PLUS

SDS plus channeling chisel for grooving in concrete and brick

FEATURES AND BENEFITS

- The special shape of the chisel allows making grooves without the need for cutting the surface
- Steel with specification 34CrNiMo6 provides high strength and durability

APPLICATIONS

- Grooving concrete and masonry

Rawlplug code	Length	Quantity	Inner box weight
	mm	pcs	kg
RT-SDSA-CH-22/250	250	1	0.30

RT-IMP

MASONRY DRILL BITS IMPACTOR

High-quality masonry drill bits consuming 20% less battery power while drilling hammer Cordless drill

CERTIFICATE

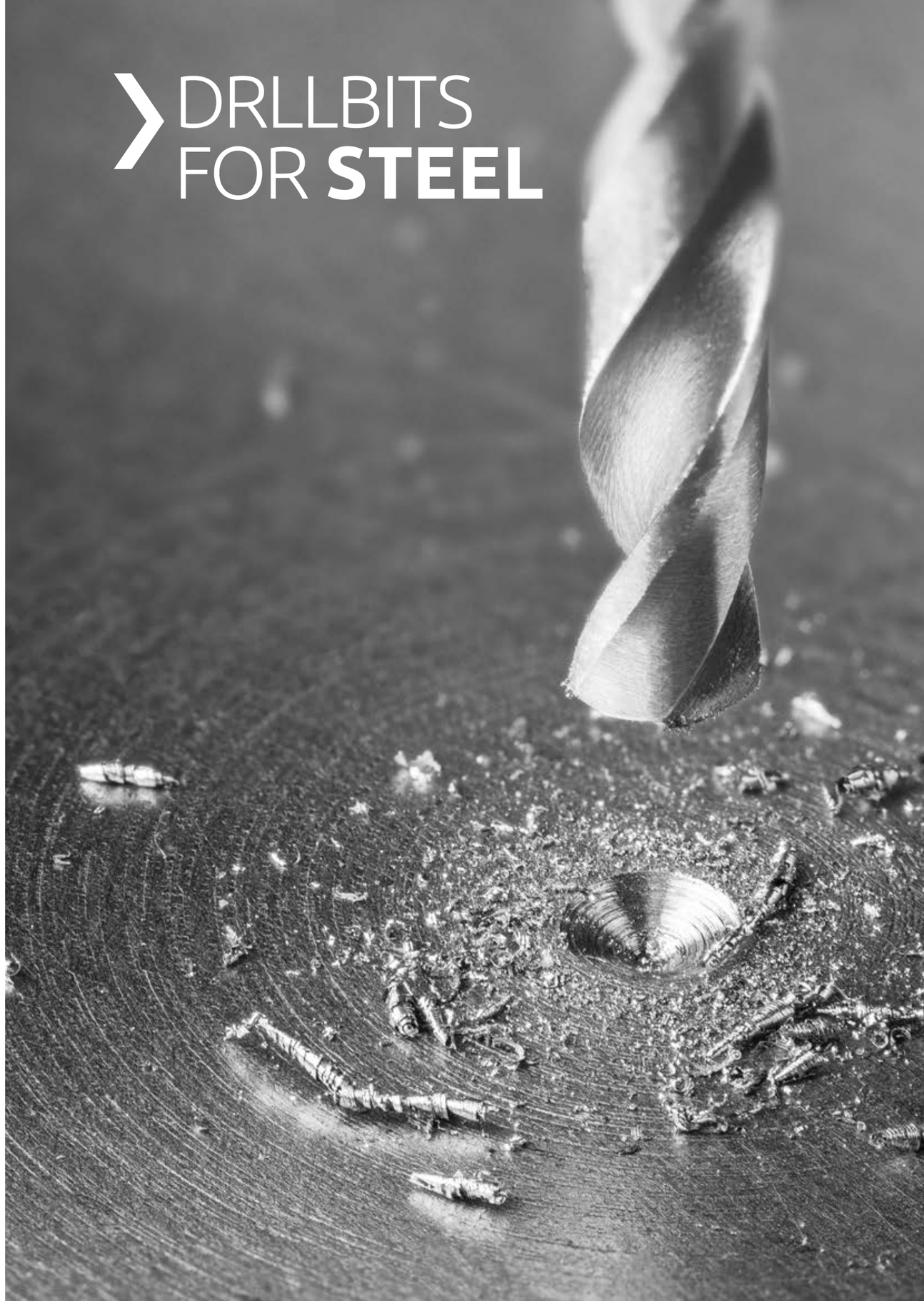
FEATURES AND BENEFITS

- Specially sharpened carbide plate allows for quick and cylindrical drilling
- Very deep seating of carbide plate significantly improves connection with the drill core, which affects quality
- High-quality carbide plate increases the quality of drilled holes and reduces by 20% battery power while drilling hammer Cordless drill
- Heat treated, which increases the hardness of the steel to 52 HRC for optimal resistance during operation
- Extremely high quality, cylindricity and axial alignment of drilled holes, confirmed by international SicherSafe certificate

APPLICATIONS

- Drilling in concrete, solid and hollow brick
- Suitable for operation with impact drill and cordless drill

Size	Rawlplug code	Drill diameter	Length	Quantity	Inner box weight
		mm	mm	pcs	kg
Ø3	RT-IMP-030-060	3	60	1	0.01
Ø4	RT-IMP-040-075	4	75	1	0.01
Ø5	RT-IMP-050-085	5	85	1	0.01
	RT-IMP-050-150	5	150	1	0.13
Ø5.5	RT-IMP-055-095	5.5	95	1	0.01
	RT-IMP-055-150	5.5	150	1	0.13
Ø6	RT-IMP-060-100	6	100	1	0.02
	RT-IMP-060-150	6	150	1	0.15
Ø6.5	RT-IMP-065-100	6.5	100	1	0.02
	RT-IMP-065-150	6.5	150	1	0.15
Ø7	RT-IMP-070-100	7	100	1	0.02
	RT-IMP-070-150	7	150	1	0.20
Ø8	RT-IMP-080-120	8	120	1	0.04
	RT-IMP-080-150	8	150	1	0.25
	RT-IMP-080-200	8	200	1	0.43
	RT-IMP-080-300	8	300	1	0.18
Ø10	RT-IMP-100-120	10	120	1	0.05
	RT-IMP-100-150	10	150	1	0.33
	RT-IMP-100-200	10	200	1	0.45
	RT-IMP-100-300	10	300	1	0.28
	RT-IMP-100-400	10	400	1	0.10
Ø12	RT-IMP-120-200	12	200	1	0.43
	RT-IMP-120-300	12	300	1	0.38
	RT-IMP-120-400	12	400	1	0.13
Ø14	RT-IMP-140-300	14	300	1	0.45
	RT-IMP-140-400	14	400	1	0.18
Ø16	RT-IMP-160-300	16	300	1	0.58
	RT-IMP-160-400	16	400	1	0.20
Ø18	RT-IMP-180-400	18	400	1	0.25
Ø20	RT-IMP-200-400	20	400	1	0.30



RT-HSSC HSS COBALT DRILL BITS

Cobalt HSS drill bits for a precise drilling in stainless steel

FEATURES AND BENEFITS

- Drill bits made of high-quality HSS M35 steel, which contains 5% of cobalt, enhancing hardness, heat resistance, which increases their durability and life time
- Cobalt content allows you to drill in stainless steel and hard steel
- Ground spiral enables you to drill precisely
- Double-sided geometry of the point (SPLIT POINT) ensures ideal Centre and reduces pressure while drilling
- Point angle of 135° enables you to drill in hard steel
- Manufactured to DIN 338 standard, which ensures constant parameters and sizes of the drill bits

APPLICATIONS

- Drilling holes in stainless steel and steel with higher hardness

Size	Rawlplug code	Drill diameter	Length	Quantity in pouch	Quantity	Inner box weight
		mm	mm	pcs	pcs	kg
Ø1	RT-HSSC-010	1	34	2	1	1.60
Ø1.5	RT-HSSC-015	1.5	40	2	1	1.72
Ø2	RT-HSSC-020	2	49	2	1	1.26
Ø2.5	RT-HSSC-025	2.5	57	2	1	1.44
Ø3	RT-HSSC-030	3	61	2	1	1.56
Ø3.1	RT-HSSC-031	3.1	63	1	1	1.11
Ø3.2	RT-HSSC-032	3.2	65	1	1	1.11
Ø3.3	RT-HSSC-033	3.3	68	1	1	1.11
Ø3.5	RT-HSSC-035	3.5	70	1	1	1.19
Ø4	RT-HSSC-040	4	75	1	1	1.19
Ø4.1	RT-HSSC-041	4.1	75	1	1	1.26
Ø4.2	RT-HSSC-042	4.2	78	1	1	1.26
Ø4.3	RT-HSSC-043	4.3	78	1	1	1.26
Ø4.5	RT-HSSC-045	4.5	80	1	1	1.33
Ø4.8	RT-HSSC-048	4.8	82	1	1	1.26
Ø4.9	RT-HSSC-049	4.9	84	1	1	1.26
Ø5	RT-HSSC-050	5	86	1	1	1.32
Ø5.1	RT-HSSC-051	5.1	90	1	1	1.32
Ø5.5	RT-HSSC-055	5.5	93	1	1	1.44
Ø6	RT-HSSC-060	6	93	1	1	1.42
Ø6.5	RT-HSSC-065	6.5	101	1	1	1.64
Ø7	RT-HSSC-070	7	109	1	1	1.80
Ø7.5	RT-HSSC-075	7.5	109	1	1	2.00
Ø8	RT-HSSC-080	8	117	1	1	1.30
Ø8.5	RT-HSSC-085	8.5	117	1	1	1.42
Ø9	RT-HSSC-090	9	125	1	1	1.36
Ø9.5	RT-HSSC-095	9.5	125	1	1	1.44
Ø10	RT-HSSC-100	10	133	1	1	1.64
Ø11	RT-HSSC-110	11	142	1	1	1.71
Ø12	RT-HSSC-120	12	151	1	1	1.94
Ø13	RT-HSSC-130	13	151	1	1	2.18

RT-HSSP HSS DRILL BITS

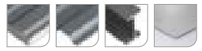
Ground HSS drill bits for a precise drilling in steel and non-ferrous metal

FEATURES AND BENEFITS

- Drill bits made of high-quality HSS steel, which ensures high durability
- Ground spiral enables you to drill precisely
- Double-sided geometry of the point (SPLIT POINT) ensures ideal Centre and reduces pressure while drilling
- Point angle of 135° enables you to drill in hard steel
- Manufactured to DIN 338 standard, which ensures constant parameters and sizes of the drill bits

APPLICATIONS

- Drilling holes in carbon steel, aluminum and non-ferrous materials



Size	Rawlplug code	Drill diameter	Length	Quantity in pouch and square tube	Quantity	Inner box weight
		mm	mm	pcs	[pcs]	kg
Ø1	RT-HSSP-010	1	34	3	1	1.72
	RT-HSSP-010-B10	1	34	10	1	1.26
Ø1.2	RT-HSSP-012-B10	1.2	38	10	1	1.44
Ø1.5	RT-HSSP-015	1.5	40	3	1	2.02
	RT-HSSP-015-B10	1.5	40	10	1	1.56
Ø1.9	RT-HSSP-019-B10	1.9	46	10	1	0.96
Ø2	RT-HSSP-020	2	49	3	1	1.56
	RT-HSSP-020-B10	2	49	10	1	1.74
Ø2.2	RT-HSSP-022-B10	2.2	53	10	1	1.20
Ø2.4	RT-HSSP-024-B10	2.4	57	10	1	1.44
Ø2.5	RT-HSSP-025	2.5	57	3	1	1.62
	RT-HSSP-025-B10	2.5	57	10	1	2.04
Ø2.7	RT-HSSP-027-B10	2.7	61	10	1	1.62
Ø2.8	RT-HSSP-028-B10	2.8	61	10	1	1.80
Ø2.9	RT-HSSP-029-B10	2.9	61	10	1	1.92
Ø3	RT-HSSP-030	3	61	3	1	1.80
	RT-HSSP-030-B10	3	61	10	1	2.28
Ø3.1	RT-HSSP-031	3.1	63	2	1	1.36
	RT-HSSP-031-B10	3.1	63	10	1	2.40
Ø3.2	RT-HSSP-032	3.2	65	2	1	1.36
	RT-HSSP-032-B10	3.2	65	10	1	2.40
Ø3.3	RT-HSSP-033	3.3	68	2	1	1.36
	RT-HSSP-033-B10	3.3	68	10	1	2.58
Ø3.4	RT-HSSP-034-B10	3.4	70	10	1	2.10
Ø3.5	RT-HSSP-035	3.5	70	2	1	1.53
	RT-HSSP-035-B10	3.5	70	10	1	3.12
Ø3.6	RT-HSSP-036-B10	3.6	70	10	1	2.16
Ø3.7	RT-HSSP-037-B10	3.7	70	10	1	2.22
Ø3.8	RT-HSSP-038-B10	3.8	75	10	1	2.82
Ø3.9	RT-HSSP-039-B10	3.9	75	10	1	3.24
Ø4	RT-HSSP-040	4	75	2	1	1.54
	RT-HSSP-040-B10	4	75	10	1	4.08
Ø4.1	RT-HSSP-041	4.1	75	2	1	1.68
	RT-HSSP-041-B10	4.1	75	10	1	4.38
Ø4.2	RT-HSSP-042	4.2	78	2	1	1.26
	RT-HSSP-042-B10	4.2	78	10	1	4.68
Ø4.3	RT-HSSP-043	4.3	78	2	1	1.82
	RT-HSSP-043-B10	4.3	78	10	1	3.44
Ø4.5	RT-HSSP-045	4.5	80	2	1	1.89
	RT-HSSP-045-B10	4.5	80	10	1	5.00
Ø4.8	RT-HSSP-048	4.8	82	2	1	1.38
	RT-HSSP-048-B10	4.8	82	10	1	5.35

RT-HSSP HSS DRILL BITS (cont.)

Size	Rawlplug code	Drill diameter	Length	Quantity in pouch and square tube	Quantity	Inner box weight
		mm	mm	pcs	[pcs]	kg
Ø4.9	RT-HSSP-049	4.9	84	2	1	1.80
	RT-HSSP-049-B10	4.9	84	10	1	4.48
Ø5	RT-HSSP-050	5	86	2	1	1.92
	RT-HSSP-050-B10	5	86	10	1	5.90
	RT-HSSP-051	5	86	1	1	1.32
Ø5.1	RT-HSSP-051-B10	5.1	90	10	1	5.95
Ø5.2	RT-HSSP-052	5.2	86	1	1	40.74
	RT-HSSP-052-B10	5.2	86	10	1	2.28
Ø5.5	RT-HSSP-055	5.5	93	1	1	1.44
	RT-HSSP-055-B10	5.5	93	10	1	6.92
Ø6	RT-HSSP-060	6	93	1	1	1.05
	RT-HSSP-060-B10	6	93	10	1	8.12
Ø6.1	RT-HSSP-061-B10	6.1	101	10	1	3.60
Ø6.2	RT-HSSP-062-B10	6.2	101	10	1	2.52
Ø6.5	RT-HSSP-065	6.5	101	1	1	1.64
Ø6.5	RT-HSSP-065-B10	6.5	101	10	1	9.94
Ø6.8	RT-HSSP-068-B10	6.8	109	10	1	0.84
Ø7	RT-HSSP-070	7	109	1	1	1.45
	RT-HSSP-070-B10	7	109	10	1	11.31
Ø7.5	RT-HSSP-075	7.5	109	1	1	2.00
	RT-HSSP-075-B5	7.5	109	5	1	7.50
Ø8	RT-HSSP-080	8	117	1	1	0.98
	RT-HSSP-080-B5	8	117	5	1	3.50
Ø8.2	RT-HSSP-082-B5	8.2	117	5	1	2.50
Ø8.5	RT-HSSP-085	8.5	117	1	1	1.08
	RT-HSSP-085-B5	8.5	117	5	1	3.90
Ø9	RT-HSSP-090	9	125	1	1	1.36
	RT-HSSP-090-B5	9	125	5	1	4.70
Ø9.5	RT-HSSP-095	9.5	125	1	1	1.44
	RT-HSSP-095-B5	9.5	125	5	1	5.04
Ø10	RT-HSSP-100	10	133	1	1	1.32
	RT-HSSP-100-B5	10	133	5	1	5.84
Ø10.2	RT-HSSP-102-B5	10.2	133	5	1	8.52
Ø10.5	RT-HSSP-105-B5	10.5	133	5	1	1.34
Ø11	RT-HSSP-110	11	142	1	1	1.71
	RT-HSSP-110-B5	11	142	5	1	2.75
Ø12	RT-HSSP-120	12	151	1	1	1.94
	RT-HSSP-120-B5	12	151	5	1	3.45
Ø12.5	RT-HSSP-125-B5	12.5	151	5	1	1.60
Ø13	RT-HSSP-130	13	151	1	1	2.18
	RT-HSSP-130-B5	13	151	5	1	3.90

RT-HSSL HSS LONG DRILL BITS

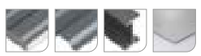
Ground HSS drill bits, extended, for a precise drilling of deep holes in steel and non-ferrous metal

FEATURES AND BENEFITS

- Drill bits made of high-quality HSS steel, which ensures high durability
- Ground spiral enables you to drill precisely
- Double-sided geometry of the point (SPLIT POINT) ensures ideal Centre and reduces pressure while drilling
- Point angle of 135° enables you to drill in hard steel
- Manufactured to DIN 340 standard, which ensures constant parameters and sizes of long drill bits

APPLICATIONS

- Drilling deep holes in carbon steel, aluminum and non-ferrous materials



RT-HSSL HSS LONG DRILL BITS (cont.)

Size	Rawlplug code	Drill diameter	Length	Quantity in pouch	Quantity	Inner box weight
		mm	mm	pcs	pcs	kg
Ø2	RT-HSSL-020	2	85	2	1	1.86
Ø2.5	RT-HSSL-025	2.5	95	2	1	1.92
Ø3	RT-HSSL-030	3	100	2	1	1.74
Ø3.5	RT-HSSL-035	3.5	112	1	1	1.52
Ø4	RT-HSSL-040	4	119	1	1	1.40
Ø4.5	RT-HSSL-045	4.5	126	1	1	1.08
Ø5	RT-HSSL-050	5	132	1	1	1.20
Ø5.5	RT-HSSL-055	5.5	139	1	1	1.54
Ø6	RT-HSSL-060	6	139	1	1	1.76
Ø6.5	RT-HSSL-065	6.5	148	1	1	1.89
Ø7	RT-HSSL-070	7	156	1	1	1.96
Ø7.5	RT-HSSL-075	7.5	156	1	1	2.16
Ø8	RT-HSSL-080	8	165	1	1	2.14
Ø8.5	RT-HSSL-085	8.5	168	1	1	2.38
Ø9	RT-HSSL-090	9	175	1	1	2.40
Ø9.5	RT-HSSL-095	9.5	175	1	1	2.58
Ø10	RT-HSSL-100	10	184	1	1	2.97
Ø11	RT-HSSL-110	11	195	1	1	2.90
Ø12	RT-HSSL-120	12	205	1	1	3.70
Ø13	RT-HSSL-130	13	205	1	1	3.44

RT-HSSD DOUBLE ENDED HSS DRILL BITS

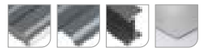
Double ended HSS ground bits for drilling holes for rivets in steel plates

FEATURES AND BENEFITS

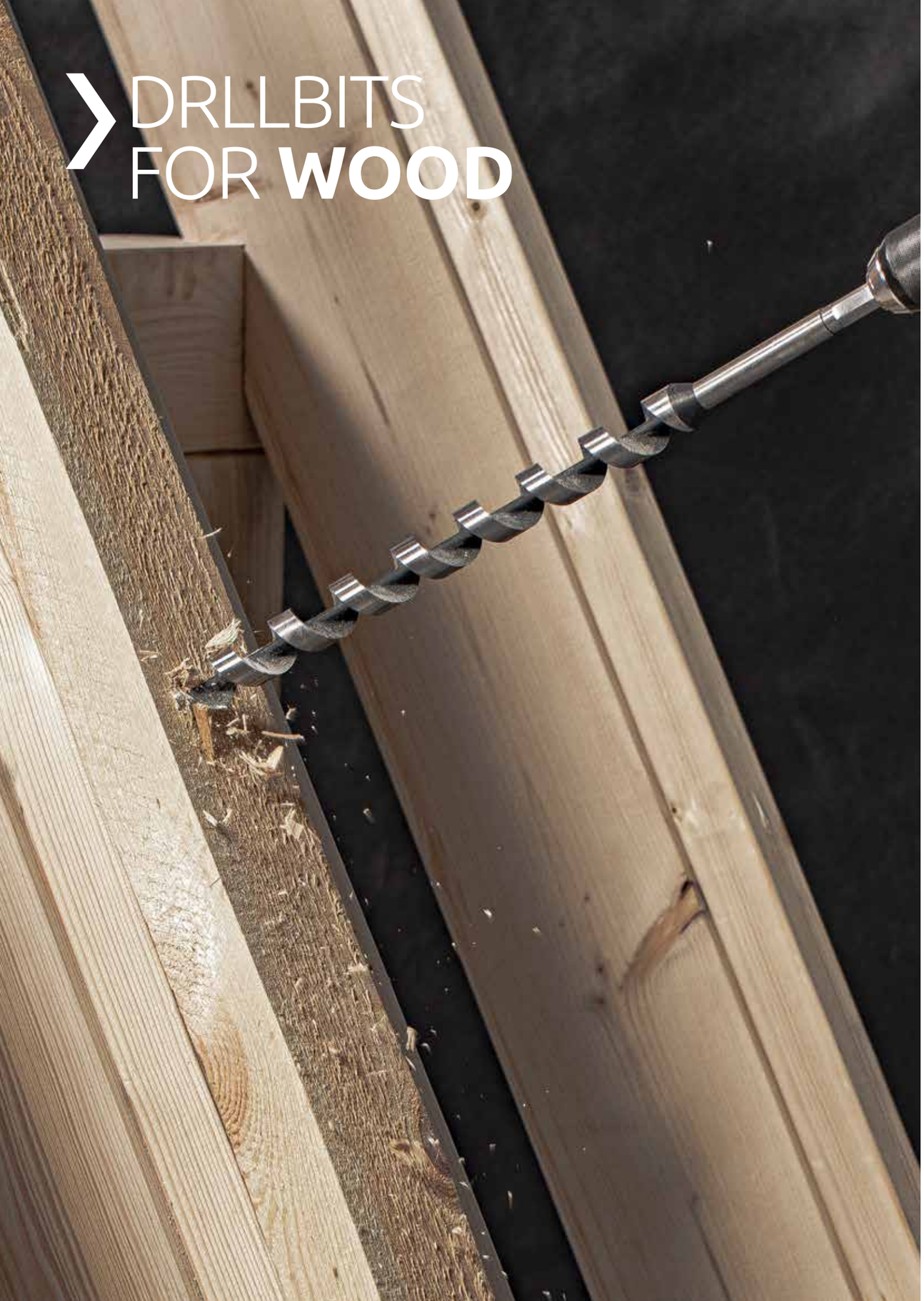
- Double-sided sharpening of the tips allow you to work with one drill bit for a longer time
- Point angle of 135° enables you to drill in hard steel
- Double-sided geometry of the point (SPLIT POINT) ensures ideal Centre and reduces pressure while drilling
- Drill bits made of high-quality HSS steel, which ensures high durability
- Ground spiral enables you to drill precisely

APPLICATIONS

- Drilling holes for rivets in aluminum, steel plates and non-ferrous materials



Size	Rawlplug code	Drill diameter	Length	Quantity in pouch	Quantity	Inner box weight
		mm	mm	pcs	pcs	kg
Ø3.2	RT-HSSD-032	3.2	49	2	1	1.32
Ø3.3	RT-HSSD-033	3.3	49	2	1	7.50
Ø4.1	RT-HSSD-041	4.1	55	2	1	15.30
Ø4.2	RT-HSSD-042	4.2	55	2	1	1.62
Ø4.9	RT-HSSD-049	4.9	62	2	1	1.44
Ø5.2	RT-HSSD-052	5.2	62	2	1	1.80



DRLLBITS FOR **WOOD**

RT-AWD AUGER BITS

Auger bits for fast drilling in wood, without the need of applying much force

FEATURES AND BENEFITS

- Geometry of the drill bit head with a self-homing threaded cone enables you to guide the drill bit until the hole is drilled
- Ground edges of the head allows you to drill quickly without the need of applying much force
- Very wide and deep spiral allows you to remove a great amount of chippings, which increases drilling speed
- Made of high-quality hardened alloy steel, which ensure high durability
- Profile of the coil with a single groove ensures a smoother hole surface
- Hexagonal end of the drill bit prevents rotating inside the drill chuck

APPLICATIONS

- Drilling holes large in diameter in wood, timber and wood-based materials

Size	Rawlplug code	Drill diameter	Length	Quantity in pouch	Quantity	Inner box weight
		mm	mm	pcs	pcs	kg
Ø10	RT-AWD-100-400	10	400	1	1	2.48
Ø12	RT-AWD-120-400	12	400	1	1	2.25
Ø14	RT-AWD-140-400	14	400	1	1	2.45
Ø16	RT-AWD-160-400	16	400	1	1	1.97
Ø18	RT-AWD-180-400	18	400	1	1	2.20
Ø20	RT-AWD-200-400	20	400	1	1	2.40
Ø22	RT-AWD-220-400	22	400	1	1	2.75
Ø24	RT-AWD-240-400	24	400	1	1	2.48
Ø25	RT-AWD-250-400	25	400	1	1	3.66
Ø26	RT-AWD-260-400	26	400	1	1	2.92
Ø28	RT-AWD-280-400	28	400	1	1	3.24
Ø30	RT-AWD-300-400	30	400	1	1	2.69

RT-FWD FORMWORK DRILL BITS

Formwork drill bits for drilling deep holes in timber and light construction materials

FEATURES AND BENEFITS

- Made of high-quality hardened alloy steel, which ensure high durability
- Point angle of 118° allows you to drill in wood and light construction materials
- Difference in the diameters of working and gripping parts ensure safe work without the jamming of the drill bit in deep holes
- Very long shank of the drill bit allows you to drill deep holes

APPLICATIONS

- Drilling deep holes in wood and other wood-based materials

Size	Rawlplug code	Drill diameter	Length	Quantity in pouch	Quantity	Inner box weight
		mm	mm	pcs	pcs	kg
Ø10	RT-FWD-100-600	10	600	1	1	4.99
Ø12	RT-FWD-120-600	12	600	1	1	4.65
Ø16	RT-FWD-140-600	16	600	1	1	4.32
	RT-FWD-160-600	16	600	1	1	4.42
Ø18	RT-FWD-180-600	18	600	1	1	3.77
Ø20	RT-FWD-200-600	20	600	1	1	3.08

RT-PDW POINT DRILL BITS

Drill bits with two blades and centre point for drilling holes in wood

FEATURES AND BENEFITS

- Made of high-quality hardened alloy steel, which ensure high durability
- Point angle of 118° allows you to drill in wood and light construction materials
- Difference in the diameters of working and gripping parts ensure safe work without the jamming of the drill bit in deep holes
- Very long shank of the drill bit allows you to drill deep holes

APPLICATIONS

- Drilling deep holes in wood and other wood-based materials

Size	Rawlplug code	Drill diameter	Length	Quantity in pouch	Quantity	Inner box weight
		mm	mm	pcs	pcs	kg
Ø3	RT-PDW-030-061	3	61	3	1	1.68
Ø4	RT-PDW-040-075	4	75	2	1	1.47
Ø5	RT-PDW-050-086	5	86	2	1	1.74
Ø6	RT-PDW-060-093	6	600	1	1	1.30
Ø8	RT-PDW-080-117	8	117	1	1	1.20
Ø10	RT-PDW-100-133	10	133	1	1	1.48
Ø12	RT-PDW-120-151	12	151	1	1	1.58
Ø13	RT-PDW-130-151	13	151	1	1	1.04

RT-FLWD FLAT DRILL BITS

Flat drill bits with a reinforced shank for a fast drilling of holes, high in diameter, in wood and wood-based materials

FEATURES AND BENEFITS

- Centre point enables you to start drilling without the drill bit slipping
- Geometry of the drill bit, along with rounded cutting surfaces, allow you to drill very fast
- Made of high-quality hardened alloy steel, which ensure high durability
- Reinforced shank of the drill bit ensures high torsional strength
- 1/4" (6.35mm) grip allows use with most impact drivers available on the market

APPLICATIONS

- For drilling large diameter holes in wood and wood-based materials

Size	Rawlplug code	Drill diameter	Length	Quantity in pouch	Quantity	Inner box weight
		mm	mm	pcs	pcs	kg
Ø10	RT-FLWD-100-152	10	152	1	1	2.88
Ø12	RT-FLWD-120-152	12	152	1	1	3.02
Ø14	RT-FLWD-140-152	14	152	1	1	2.82
Ø16	RT-FLWD-160-152	16	152	1	1	2.84
Ø18	RT-FLWD-180-152	18	152	1	1	2.52
Ø20	RT-FLWD-200-152	20	152	1	1	2.58
Ø22	RT-FLWD-220-152	22	152	1	1	2.26
Ø24	RT-FLWD-240-152	24	152	1	1	2.66
Ø25	RT-FLWD-250-152	25	152	1	1	9.70
Ø26	RT-FLWD-260-152	26	152	1	1	2.28
Ø28	RT-FLWD-280-152	28	152	1	1	2.40
Ø30	RT-FLWD-300-152	30	152	1	1	2.86
Ø32	RT-FLWD-320-152	32	152	1	1	2.96
Ø35	RT-FLWD-350-152	35	152	1	1	3.08
Ø40	RT-FLWD-400-152	40	152	1	1	3.08
*	RT-FLWD-ADAP/300	*	300	1	1	3.68

RT-DKW DECKING KIT

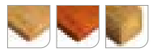
Set of drill bits and adapter for drilling holes in decking and timber

FEATURES AND BENEFITS

- Special cutter on the drill bit allows you to make perfect holes for the decking screws
- High quality pilot drill bit ensures a long life
- Ring on the drill bit allows for drilling of constant depth
- The 1/4 „ pin allows you to work with all drills and battery screwdrivers available on the market
- Thanks to the side bolt, you can change the pilot drill easily and quickly

APPLICATIONS

- Drilling holes in hard and exotical wood
- Designed for working with drills and battery screwdrivers with 13 mm chucks



Size	Rawlplug code	Drill diameter	Quantity	Inner box weight
		mm	kg	kg
Ø4	RT-DKW-SET040	4	1	0,23
Ø4,5	RT-DKW-SET045	4,5	1	0,25

RT-HS-SET HOLE SAWS SETS

Sets of hole saws ideally suited to work in wood and metal, carried out by electricians and plumbers

FEATURES AND BENEFITS

- The diameters of hole saws are ideally suited to work carried out by electricians and plumbers
- Ground, vacuum-tempered teeth allow for precise drilling and increased product life
- Special spring allows faster excavation of material from the inner part of the hole saw
- Additional locking pins in the adapter allow for drilling large diameters without damaging the thread
- Bimetal blade, allows for drilling holes in wood, plasterboards, steel and non-ferrous metals

APPLICATIONS

- Drilling large diameter holes in metal, aluminum, plastic, wood and wood-based materials

Rawlplug code	Diameter range	Box quantity	Quantity	Inner box weight
	mm	pcs	pcs	kg
RT-HS-SET1E	20; 25; 32; 40; 51; 65	9	1	3.71
RT-HS-SET2P	19; 22; 29; 38; 44; 57	9	1	3.35

RT-KLESSCHUCK/13 KEYLESS CHUCK

Keyless chuck for use with impact and non-impact drills up to 900W

FEATURES AND BENEFITS

- Maximum jaw spacing of 13mm allows use with most cylindrical and relief drills
- The 1/2" thread allows use in the most popular drills on the market
- A special „click" system allows mounting the drill in keyless holders
- Metal structure with an independent ring protects against damage to the handle and the material

APPLICATIONS

- Designed for use with impact and non-impact drills up to 900W

Rawlplug code	Diameter	Mounting	Quantity	Inner box weight
	[mm]	[inch]	[pcs]	kg
RT-KLESSCHUCK/13	13	1/2"	1	2.10

RT-CHUCK/13 CHUCK WITH KEY

Chuck with key for use with impact and non-impact drills up to 900W

FEATURES AND BENEFITS

- Maximum jaw spacing of 13mm allows use with most cylindrical and relief drills
- Designed for use with impact and non-impact drills up to 900W
- The 1/2" thread allows use in the most popular drills on the market
- Metal structure provides high strength, also while working with hammer drills
- Comes with a 13 mm key and a counter screw providing good fastening of the drill

APPLICATIONS

- Designed for use with impact and non-impact drills up to 900W

Rawlplug code	Dimensions	Mounting	Quantity	Inner box weight
	[mm]	[inch]	[pcs]	kg
RT-CHUCK/13	1,5 - 13	1/2"	1	3.50

RT-CHUCKADAPT ADAPTER SDS PLUS 1/2"

Adapter used for non-impact drilling with an SDS plus hammer drills

FEATURES AND BENEFITS

- The core fits most SDS Plus hammer drills available on the market
- The 1/2" thread allows use in the most popular drill grips on the market
- Comes with a counter screw providing good mounting for adapter with grip

APPLICATIONS

- Designed for non-impact drilling with an SDS plus hammer drills

Rawlplug code	Diameter	Quantity	Inner box weight
	[mm]	[pcs]	kg
RT-CHUCKADAPT	13	1	1.00

RT-CHUCK-UNIVKEY KEY FOR CHUCKS

Key for tightening drill chucks

FEATURES AND BENEFITS

- Milled teeth allow tightening the drill chuck with a diameter of 13 mm
- Long core improves comfort of screwdriving
- Good quality steel provides high abrasion resistance and prevents tilting

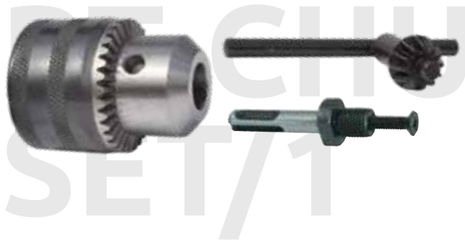
APPLICATIONS

- For key-tightening drill chucks

Rawlplug code	Diameter	Quantity	Inner box weight
	[mm]	[pcs]	kg
RT-CHUCK-UNIVKEY	13	1	1.00

RT-CHUCKSET/1 SET OF CHUCK AND ADAPTER SDS PLUS

Drill chuck and adapter used for non-impact drilling with an SDS Plus hammer drill



FEATURES AND BENEFITS

- Maximum jaw spacing of 13mm allows use with most cylindrical and relief drills
- The core fits most SDS Plus hammer drills available on the market
- Comes with a 13 mm key and a counter screw providing good fastening of the adapter

APPLICATIONS

- Drill chuck and adapter used for non-impact drilling with an SDS plus hammer drills

Rawlplug code	Diameter	Quantity	Inner box weight
	[mm]	[pcs]	kg
RT-CHUCKSET/1	13	1	0.40

BITS, BIT HOLDERS AND SOCKETS

Ring and thread of the adapter allow screwing the screws to the desired depth

BIT HOLDER WITH 2 MAGNETS PRECISELY HOLDS THE SCREWS DURING APPLICATION IN A VARIETY OF SUBSTRATES

Powerful internal magnet properly holds the tip and the screw while screwdriving

Additional magnet on the ring for easy screwdriving in hard to reach places, prevents rapid wear of the tip

Precision milled head tip allows for precise fitting into the screw socket

1/4" (6.35mm) grip allows using most screwdrivers and cordless drills on the market

SCREWDRIVER BITS WITH PRECISION MILLED HEAD IN HIGH TOLLERANCE FOR BETTER FITTING TO THE SCREWS

Special **steel S2**

Specially heat treated in the hardening process to increase the hardness of the tip to 60 HRC

The special shape of the tip increases its resistance to twisting under the so-called torsion effect

Anti-corrosion coating, blue colour, prevents rust

RT-IBIT SCREWDRIVER BITS

Impact screwdriver bits, for a wide range of applications using impact drivers

RT-IBIT-T

FEATURES AND BENEFITS

- The hardness of 58-60 HRC allows overcoming the high torque and work with impact wrenches
- Special incisions allow better grip in the machine's holder without losing the tip
- Precisely milled bit head allows a better fit with the screw socket
- Special black anti-corrosion coating protects against rust
- Laser marking of the type of bit allows identifying the bit even after use
- Made in Germany to the highest DIN standards to ensure high quality and service life

APPLICATIONS

- Tightening T type screws, for a wide range of applications using impact wrenches
- Tightening Phillips screws, for a wide range of applications using impact wrenches
- Tightening Pozidriv screws, for a wide range of applications using impact wrenches
- Tightening Hex screws, for a wide range of applications using impact wrenches

Rawlplug code	Bite type	Length	Quantity	Inner box weight
		mm	pcs	kg
RT-IBIT-T				
RT-IBIT-T20/25	TORX 20	25	20	0.30
RT-IBIT-T25/25	TORX 25	25	20	0.30
RT-IBIT-T30/25	TORX 30	25	20	0.30
RT-IBIT-T40/25	TORX 40	25	20	0.30
RT-IBIT-PH				
RT-IBIT-PH1/25	Phillips 1	25	20	0.30
RT-IBIT-PH2/25	Phillips 2	25	20	0.30
RT-IBIT-PH3/25	Philips 3	25	20	0.30
RT-IBIT-PZ				
RT-IBIT-PZ1/25	Pozidriv 1	25	20	0.30
RT-IBIT-PZ2/25	Pozidriv 2	25	20	0.30
RT-IBIT-PZ3/25	Pozidriv 3	25	20	0.30
RT-IBIT-HEX				
RT-IBIT-HEX4/25	HEX 4	25	20	0.30
RT-IBIT-HEX6/25	HEX 6	25	20	0.30

RT-IBIT-ADAP IMPACT BIT HOLDER

Impact adapter designed for use with impact bits, for screwing screws and other fastening applications

RT-IBIT-ADAP

FEATURES AND BENEFITS

- Made of high quality stainless steel to increase resistance to damage
- Powerful internal magnet properly holds the tip and the screw while screwdriving
- 1/4" (6.35mm) grip allows use with most impact drivers available on the market

APPLICATIONS

- Designed for use with impact bits for screwing screws and other fastening applications

Rawlplug code	Length	Dimensions	Quantity	Inner box weight
	mm	mm	pcs	kg
RT-IBIT-ADAP/58	58	1/4" 6,35	1	0.30

RT-BIT SCREWDRIVER BITS

Screwdriver bits with precision milled head

FEATURES AND BENEFITS

- Precision milled head tip allows for precise fitting into the screw socket
- Special steel S2
- Specially heat treated in the hardening process to increase the hardness of the tip to 60 HRC
- The special shape of the tip increases its resistance to twisting under the so-called torsion effect
- Anti-corrosion coating, blue colour, prevents rust

APPLICATIONS

- Screwdriving of T type screws for wood, metal and concrete
- Screwdriving of Phillips screws for wood and drywall
- Screwdriving of Pozidriv screws, a wide range of applications in wood and light mountings

Rawlplug code	Size	Length	Quantity in rawllite/blister	Quantity	Inner box weight
		mm	pcs	pcs	kg
RT-BIT-TORX					
RT-BIT-TORX10/25	T10	25	20	1	0.3
RT-BIT-TORX10X3	T10	25	3	1	0.24
RT-BIT-TORX15/25	T15	25	20	1	0.3
RT-BIT-TORX15X3	T15	25	3	1	0.024
RT-BIT-TORX0/25	T20	25	20	1	0.3
RT-BIT-TORX20X3	T20	25	3	1	0.024
RT-BIT-TORX25/25	T25	25	20	1	0.30
RT-BIT-TORX25X3	T25	25	3	1	0.024
RT-BIT-TORX30/25	T30	25	20	1	0.30
RT-BIT-TORX30X3	T30	25	3	1	0.024
RT-BIT-TORX40/25	T40	25	20	1	0.30
RT-BIT-TORX40X3	T40	25	3	1	0.024
RT-BIT-TORX45X3	T45	25	3	1	0.03
RT-BIT-TORX50/25	T50	25	20	1	0.30
RT-BIT-TORX50X3	T50	25	3	1	0.024
RT-BIT-T253040	T25 T30 T40	25	3	1	0.30
RT-BIT-PH					
RT-BIT-PH1/25	PH1	25	20	1	0.30
RT-BIT-PH2/25	PH2	25	20	1	0.30
RT-BIT-PH2/50	PH2	50	10	1	0.30
RT-BIT-PH3/25	PH3	25	20	1	0.30
RT-BIT-PH1X3	PH1	25	3	1	0.024
RT-BIT-PH2X3	PH2	25	3	1	0.024
RT-BIT-PH3X3	PH3	25	3	1	0.024
RT-BIT-PH123	PH1 PH2 PH3	25	3	1	0.024
RT-BIT-PH2/130DS	PH2	130	3	1	0,15
RT-BIT-PZ					
RT-BIT-PZ1/25	PZ1	25	20	1	0.30
RT-BIT-PZ2/25	PZ2	25	20	1	0.30
RT-BIT-PZ2/50	PZ2	50	10	1	0.30
RT-BIT-PZ3/25	PZ3	25	20	1	0.30
RT-BIT-PZ1X3	PZ1	25	3	1	0.024
RT-BIT-PZ2X3	PZ2	25	3	1	0.024
RT-BIT-PZ3X3	PH3	25	3	1	0.024
RT-BIT-PZ123	PZ1 PZ2 PZ3	25	3	1	0.024
RT-BIT-HEX					
RT-BIT-HEX4X3	HEX4	25	3	1	0.024
RT-BIT-HEX4/25	HEX4	25	20	1	0.3
RT-BIT-HEX6/25	HEX6	25	20	1	0.3
RT-BIT-HEX8/25	HEX8	25	20	1	0.3

RT-BIT-SET1 BITS SET

High quality bits set

FEATURES AND BENEFITS

- Special steel S2 affects the life of the product
- Specially heat treated in the hardening process to increase the hardness of the tip to 60 HRC
- Precision milled head tip allows for precise fitting into the screw socket
- The special shape of the tip increases its resistance to twisting under the so-called torsion effect
- Anti-corrosion coating, blue colour, prevents rust
- High-quality grip for 1/4" bits with a powerful internal magnet
- A dedicated grip 1/4" enables the use of a manual screwdriver

APPLICATIONS

- A set of the most popular types and sizes of bits for screwdriving and fastening applications

Rawlplug code	Length	Quantity	Size	Inner box weight
	mm	pcs		kg
RT-BIT-SET1	25	1	PH1, PH2, PH3, PZ1, PZ2, PZ3, T20, T30, H4, ADAPTER 60 MM	0.30

RT-BIT-ADAP/2M BIT HOLDER WITH 2 MAGNETS

Bit holder with 2 magnets precisely holds the screws during application in a variety of substrates

FEATURES AND BENEFITS

- Ring and thread of the adapter allow screwing the screws to the desired depth
- Powerful internal magnet properly holds the tip and the screw while screwdriving
- Additional magnet on the ring for easy screwdriving in hard to reach places, prevents rapid wear of the tip
- 1/4" (6.35mm) grip allows using most screwdrivers and cordless drills on the market

APPLICATIONS

- More accurate hold on the screws in application on different substrates

Rawlplug code	Size	Length	Inner box weight
		mm	kg
RT-BIT-ADAP/2M	1/4" 6,35	60	0.04

RT-BIT-ADAP/QC BIT HOLDER QUICK CHANGE

Bit holder with quick bit replacement when working with large amounts of various screws

FEATURES AND BENEFITS

- Adapter lock prevents the loss of the tip when screwdriving
- Special ring allows very quick tip replacement
- Powerful internal magnet properly holds the tip and the screw while screwdriving
- 1/4" (6.35mm) grip allows using most screwdrivers and cordless drills on the market

APPLICATIONS

- Quick bit replacement when working with large amounts of various screws

Rawlplug code	Size	Length	Quantity	Inner box weight
		mm	pcs	kg
RT-BIT-ADAP/QC	1/4" 6,35	60	1	0.04

RT-BIT-ADAP/SDS BIT HOLDER SDS PLUS

Adapter for bits to enable screw driving with the use of corded and cordless rotary hammer SDS plus

FEATURES AND BENEFITS

- Stainless steel adapter for increased fault tolerance
- Powerful internal magnet properly holds the tip and the screw while screwdriving
- An SDS plus grip allows working with the majority of hammer drilling machines available on the market

APPLICATIONS

- Screwdriving with the use of corded and cordless rotary hammer SDS plus

Rawlplug code	Size	Length	Quantity	Inner box weight
		mm	pcs	kg
RT-BIT-ADAP/SDS	1/4" 6,35	78	1	0.05

RT-BIT-ADAP/60 BIT HOLDER

Holder for 1/4" bits with a powerful internal magnet

FEATURES AND BENEFITS

- Stainless steel adapter for increased fault tolerance
- Powerful internal magnet properly holds the tip and the screw while screwdriving
- 1/4" (6.35mm) grip allows using most screwdrivers and cordless drills on the market

APPLICATIONS

- Designed for use with bits for screwing screws and other fastening applications

Rawlplug code	Length	Quantity	Inner box weight
	mm	pcs	kg
RT-BIT-ADAP/60	60	1	0.20

RT-BIT-PH2 / RT-BIT-TORX25 PH2/TX25 LONG SCREWDRIVER BITS

Special long screwdriver bits designed for roof fixings applications

RT-BIT-PH2

RT-BIT-TORX25

FEATURES AND BENEFITS

- Special steel S2 affects the life of the product
- Head tip subjected to additional heat treatment, increasing hardness to 63 HRC
- Precision milled head tip allows for precise fitting into the screw socket
- Anti-corrosion coating with a satin finish enhances resistance to rust

APPLICATIONS

- Installations of flat roof fixings

Rawlplug code	Size	Length	Quantity	Inner box weight
		mm	pcs	kg
RT-BIT-PH2 Phillips				
RT-BIT-PH2/100	PH2	100	1	0.20
RT-BIT-PH2/150	PH2	150	1	0.20
RT-BIT-PH2/200	PH2	200	1	2.40
RT-BIT-PH2/250	PH2	250	1	2.40
RT-BIT-PH2/350	PH2	350	1	0.20
RT-BIT-PH2/450	PH2	450	1	0.20
RT-BIT-TORX25 T25				
RT-BIT-TORX25/100	T25	100	1	2.40
RT-BIT-TORX25/150	T25	150	1	2.40
RT-BIT-TORX25/200	T25	200	1	2.40
RT-BIT-TORX25/250	T25	250	1	0.20
RT-BIT-TORX25/350	T25	350	1	2.40
RT-BIT-TORX25/450	T25	450	1	0.20

RT-TBIT-PH2 SCREWDRIVER BITS PHILLIPS 2 WITH THREAD M6

Screwdriver bits Phillips 2 with thread, designed for roof fixings applications

FEATURES AND BENEFITS

- Special steel S2 affects the life of the product
- Head tip subjected to additional heat treatment, increasing hardness to 63 HRC
- Precision milled head tip allows for precise fitting into the screw socket
- Anti-corrosion coating with a satin finish enhances resistance to rust

APPLICATIONS

- Installations of flat roof fixing

Rawlplug code	Size	Length	Working length	Quantity in rawllite/blister	Quantity	Inner box weight
		mm	mm	pcs	pcs	kg
RT-TBIT-PH2/M6	PH2	45	35	10	1	0.12

RT-BIT-T25 T25 SCREWDRIVER BITS WITH THREAD M6

Screwdriver bits T type 25 with thread, designed for roof fixings applications

RT-TBIT-TX25

FEATURES AND BENEFITS

- Special steel S2 affects the life of the product
- Head tip subjected to additional heat treatment, increasing hardness to 63 HRC
- Precision milled head tip allows for precise fitting into the screw socket
- Anti-corrosion coating with a satin finish enhances resistance to rust

APPLICATIONS

- Installations of flat roof fixing

Rawlplug code	Size	Length	Working length	Quantity in rawllite/blister	Quantity	Inner box weight
		mm	mm	pcs	pcs	kg
RT-TBIT-T25/M6	T25	45	35	10	1	0.12

RT-TBIT-ADAP ADAPTERS WITH THREAD M6

Adapter for bits with thread M6

RT-TBIT-ADAP

FEATURES AND BENEFITS

- Stainless steel adapter for increased fault tolerance
- 1/4" (6.35mm) grip allows using most screwdrivers and cordless drills on the market

APPLICATIONS

- Designed for use with bits for screwing screws and other fastening applications

Rawlplug code	Length	Quantity	Inner box weight
	mm	pcs	kg
RT-TBIT-ADAP-250	250	1	0.14
RT-TBIT-ADAP-350	350	1	0.20
RT-TBIT-ADAP-450	450	1	0.26
RT-TBIT-ADAP-650	650	1	0.38
RT-TBIT-ADAP-750	750	1	0.45

RT-IS IMPACT SOCKETS DRIVE 1/4"

Impact sockets designed to overcome the high torsional forces

RT-IS

FEATURES AND BENEFITS

- Special steel S2 with specification 65SiMoCr4 and high hardness extends the life of the product
- An additional black manganese-phosphorus coating protects the product against corrosion
- 1/4" grip hex allows the use of most commercially available impact cappers and cordless screwdrivers
- Ideally milled slot allows good lateral hold of screws and bolts when screwdriving
- Powerful internal magnet holds the bolts and screws while screwdriving

APPLICATIONS

- Screwdriving in concrete, connecting screws, threaded rods and roof fasteners
- Designed to work with hammer drill and cordless screwdriver

RT-IS IMPACT SOCKETS DRIVE 1/4" (cont.)

Rawlplug code	Size	Length	Quantity	Inner box weight
		mm	pcs	kg
RT-IS-06	6	65	3	0.04
RT-IS-07	7	65	3	0.04
RT-IS-08	8	65	3	0.04
RT-IS-10	10	65	3	0.04
RT-IS-13	13	65	3	0.05

RT-IS LONG IMPACT SOCKETS 1/2"

Impact sockets designed to overcome the high torsional forces

RT-IS

FEATURES AND BENEFITS

- Special steel S2 with specification 65SiMoCr4 and high hardness extends the life of the product
- Ideally milled slot allows good lateral hold of screws and bolts when screwdriving
- Longer socket enables you to screw in fastenings in hard-to-reach places
- An additional black manganese-phosphorus coating protects the product against corrosion
- 1/2" socket allows you to work with most impact wrenches available on the market

APPLICATIONS

- Screwdriving in concrete, connecting screws, threaded rods and roof fasteners
- Designed to work with impact wrenches 1/2"

Size	Rawlplug code	Dimensions	External diameter	Length	Quantity	Inner box weight
		mm	mm	mm	pcs	kg
10	RT-IS-10-1/2L	10	30	78	1	1.68
12	RT-IS-12-1/2L	12	30	78	1	1.94
13	RT-IS-13-1/2L	13	30	78	1	1.99
15	RT-IS-15-1/2L	15	30	78	1	2.82
17	RT-IS-17-1/2L	17	30	78	1	3.10
19	RT-IS-19-1/2L	19	30	78	1	3.11
21	RT-IS-21-1/2L	21	30	78	1	3.50
22	RT-IS-22-1/2L	22	30	78	1	3.83
1/2"	RT-IS-ADAP-1/2	1/2"	1/4"	78	1	0.35
E7	RT-IS-E7-1/2	E7	30	38	1	1,02

DIAMOND TECHNOLOGY

DIAMOND CROWNS FOR WET AND DRY DRILLING

By using the thread 1 1/4" works well in conjunction with many core drills

Special segment shape dedicated to fast drilling in hard surfaces

The high-quality steel body ensures effective reduction of vibrations during operation

The proper selection of the amount of diamond to the segment ensures a long service life of the diamond crown

Laser-welded segments guarantee the highest safety and a long service life

Vibration reduction during work prevents it from occurring threatening microcracks building structure

High-quality workmanship allows to keep smooth surfaces and straight edges of the holes

RT-DCB

DIAMOND CORE BITS FOR WET AND DRY DRILLING IN REINFORCED CONCRETE

NEW

Premium quality diamond core bit for fast and safe drilling into reinforced concrete

CERTIFICATE

CE

FEATURES AND BENEFITS

- Laser-welded segments guarantee the highest safety and a long service life
- A special segment shape dedicated to fast drilling in hard surfaces
- Steel body with high wear resistance
- The proper selection of the amount of diamond to the segment ensures a long service life of the diamond crown
- By using the thread 1 1/4" works well in conjunction with many core drills.

APPLICATIONS

- Drilling through holes for sewage and drainage pipes for water, water supply and sewage systems, electrical conductor installations, for distribution of air conditioning / heating from heat pumps in the building.
- Making hydraulic and ventilation culverts
- Making holes for epoxy chemical anchors
- Suitable for use with most core drills in the market

Rawlplug code	Diameter	Lenght	Number of segments	Thread	Inner box weight	Outer box weight
	[mm]	[mm]	[mm]		[kg]	[kg]
RT-DCB-042/450	42	450	5	1 1/4" UNC	1.01	1.01
RT-DCB-062/450	62	450	5	1 1/4" UNC	1.8	1.8
RT-DCB-082/450	82	450	7	1 1/4" UNC	2.46	2.46
RT-DCB-102/450	102	450	8	1 1/4" UNC	3.07	3.07
RT-DCB-122/450	122	450	10	1 1/4" UNC	3.67	3.67
RT-DCB-132/450	132	450	11	1 1/4" UNC	4.15	4.15
RT-DCB-152/450	152	450	12	1 1/4" UNC	5.16	5.16
RT-DCB-168/450	168	450	12	1 1/4" UNC	6.29	6.29
RT-DCB-182/450	182	450	14	1 1/4" UNC	7.34	7.34
RT-DCB-202/450	202	450	14	1 1/4" UNC	8.45	8.45
RT-DCB-226/450	226	450	15	1 1/4" UNC	9.68	9.68
RT-DCB-280/450	280	450	19	1 1/4" UNC	13.89	13.89

RELATED PRODUCTS

Diamond core bit adapter 1-1/4"
RT-DCB-ADAP

Wedge anchor with internal thread
R-DCL

Premium pure epoxy resin
R-KEX-II

Wedge anchor setting tool
R-DCA-ST-II

Lipped wedge anchor with internal thread
R-DCA

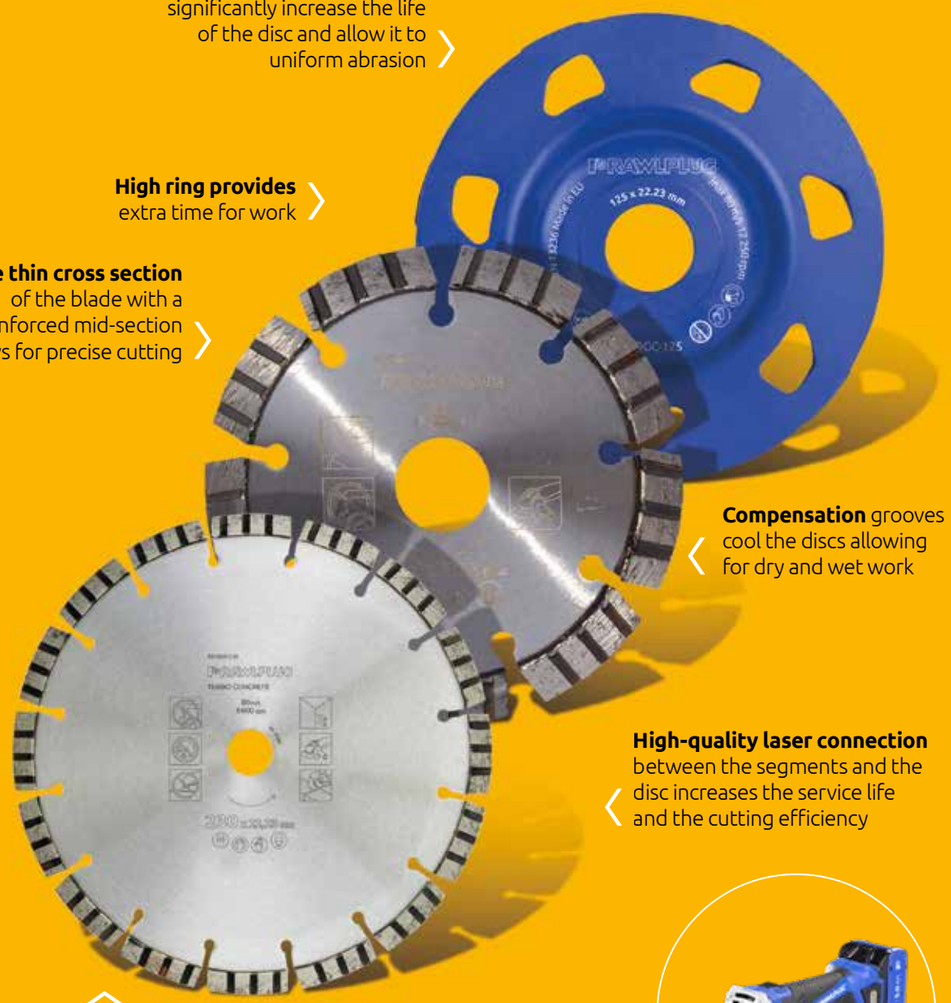
DIAMOND DRILLING, CUTTING AND GRINDING

The internal bore of 22,23 mm allows for use with all angle grinders available on the market

European diamond grains significantly increase the life of the disc and allow it to uniform abrasion

High ring provides extra time for work

The thin cross section of the blade with a reinforced mid-section allows for precise cutting



Compensation grooves cool the discs allowing for dry and wet work

High-quality laser connection between the segments and the disc increases the service life and the cutting efficiency

The special shape of the segment enables the cutting of hard materials

Special, patented process of connecting segments with a disc core, reduce vibrations, increasing safety and work efficiency

RT-DDA DIAMOND DISCS TURBO CONCRETE HEAVY DUTY

Segmented turbo type diamond discs for cutting reinforced concrete, paving and hard construction materials

CERTIFICATE

EAC

FEATURES AND BENEFITS

- The special shape of the segment enables the cutting of hard materials
- 10 mm high segment provides extra time for work
- Compensation grooves cool the discs allowing for work without cooling water
- High-quality laser connection between the segments and the disc increases the service life and the cutting efficiency
- The internal bore of 22,23 mm allows for use with all angle grinders available on the market

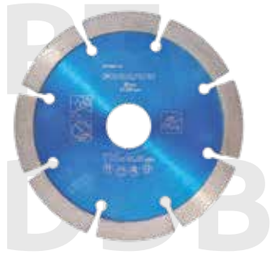
APPLICATIONS

- Cutting of reinforced concrete, paving and hard construction materials
- Suitable for operation with angle grinders

Rawlplug code	External	Internal	Segment height	Quantity	Inner box weight
	[mm]	[mm]	[mm]	[pcs]	[kg]
RT-DDA-115	115	22.23	10	1	1.62
RT-DDA-125	125	22.23	10	1	1.80
RT-DDA-230	230	22.23	10	1	7.32

RT-DDB DIAMOND DISCS CONCRETE REGULAR DIAMOND

Diamond discs for cutting concrete, brick, airbrick and other building materials



CERTIFICATE

EAC

FEATURES AND BENEFITS

- Evenly distributed grains of diamond in the disc segments allows for lasting cutting parameters
- 12 mm high segment provides extra time for work
- High-quality connection between the segments and the disc increases the service life and the cutting efficiency
- Compensation grooves cool the discs allowing for work without cooling water
- The internal bore of 22,23 mm allows for use with all angle grinders available on the market

APPLICATIONS

- Cutting of concrete, brick, airbrick and other building materials
- Suitable for operation with angle grinders

Rawlplug code	External	Internal	Segment height	Quantity	Inner box weight
	[mm]	[mm]	[mm]	[pcs]	[kg]
RT-DDB-115	115	22.23	12	1	1.57
RT-DDB-125	125	22.23	12	1	1.88
RT-DDB-230	230	22.23	12	1	7.43

RT-DDC

DIAMOND DISCS CERAMIC ULTRA THIN

Thin diamond discs for precision cutting of tiles, terracotta and marble and ceramic tiles

CERTIFICATE

FEATURES AND BENEFITS

- The special shape of the diamond ring enables precise and efficient cutting of materials
- High ring provides extra time for work
- The thin cross section of the blade with a reinforced mid-section allows for precise cutting
- Compensation grooves cool the discs allowing for dry and wet work
- High-quality connection between the ring and the disc increases the service life
- The internal bores of 22,23 mm and 25,4 mm allow for use with all angle grinders and stationary cutters available on the market

APPLICATIONS

- Precise cutting of tiles, terracotta, marble and ceramic tiles
- Suitable for operation with angle grinders

Rawlplug code	External	Internal	Segment height	Quantity	Inner box weight
	[mm]	[mm]	[mm]	[pcs]	[kg]
RT-DDC-115	115	22.23	11	1	1.20
RT-DDC-125	125	22.23	11	1	1.40
RT-DDC-180R	180	25.4	11	1	4.16
RT-DDC-200R	200	25.4	11	1	4.30
RT-DDC-230	230	22.23	11	1	7.54

RT-DDE

DISC WITH DIAMOND COATING MULTI

Disc with diamond pour pattern for cutting various materials including aluminum, copper, plastic

CERTIFICATE

FEATURES AND BENEFITS

- Diamond pour pattern allows using the disc for many types of materials
- Side pour pattern prevents wedging of the blade material
- High-quality connection between the diamond pour pattern and the disc increases the service life and the cutting efficiency
- Compensation grooves and compensation bores cooling the discs allow for work without cooling water
- The internal bore of 22,23 mm allows for use with all angle grinders available on the market

APPLICATIONS

- Cutting a variety of materials including aluminum, copper, plastic
- Suitable for operation with angle grinders

Rawlplug code	External	Internal	Segment height	Quantity	Inner box weight
	[mm]	[mm]	[mm]	[pcs]	[kg]
RT-DDE-125	125	22.23	5	1	1.80

RT-DDT

DIAMOND DISCS TURBO CONCRETE HEAVY DUTY EXTREME

Segmented turbo type diamond discs for cutting reinforced concrete, paving and hard construction materials

CERTIFICATE

FEATURES AND BENEFITS

- The European diamond ensures high cutting quality
- High-quality laser connection between the segments and the disc increases the service life and the cutting efficiency
- The special shape of the segment enables the cutting of hard materials
- 10 mm high segment provides extra time for work
- Special, patented process of connecting segments with a disc core, reduce vibrations, increasing safety and work efficiency
- The internal bore of 22,23 mm and 25,4 mm allows for use with angle grinders and petrol cutting machines available on the market

APPLICATIONS

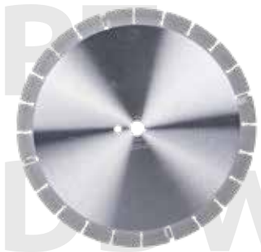
- Cutting of reinforced concrete, paving and hard construction materials
- Suitable for operation with angle grinders and petrol cutting machines

Rawlplug code	External	Internal	Segment height	Quantity	Inner box weight
	[mm]	[mm]	[mm]	[pcs]	[kg]
RT-DDT-115	115	22.23	10	1	0,149
RT-DDT-125	125	22.23	10	1	0,174
RT-DDT-230	230	22.23	10	1	0,7
RT-DDT-300	300	25.4	10	1	1,2
RT-DDT-350	350	25.4	10	1	1,65
RT-DDT-400	400	25.4	10	1	2,38

RT-DDW

DIAMOND DISC FOR FRESH CONCRETE CUTTING

Diamond disc for fast cutting of wet and fresh concrete



CERTIFICATE

FEATURES AND BENEFITS

- Characteristic arrangement of diamond segments along with 4 vertical segments enables cutting fresh concrete without damaging the segments and wedging in the material
- High-quality laser connection between the segments and the disc increases the service life and the cutting efficiency
- Special, patented process of connecting segments with a disc core, reduce vibrations, increasing safety and work efficiency
- Special segment shape enables cutting wet concrete
- European diamond grains significantly increase the life of the disc and allow it to uniform abrasion

APPLICATIONS

- Segmented diamond disc, with additional vertical segments for cutting wet concrete
- Adapted to work with stationary cutters manual and wheel petrol cutters

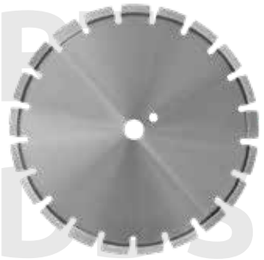
BASE MATERIALS

- Wet and fresh concrete

Rawlplug code	External diameter	Inside diameter	Number of segments	Segment height	Quantity	Inner box weight
	[mm]	[mm]	[mm]	[mm]	[pcs]	[kg]
RT-DDW-300	300	25.4	20	11	1	1.23
RT-DDW-350	350	25.4	24	11	1	1.68

RT-DDS DIAMOND DISC FOR ASPHALT CUTTING

Diamond disc for fast cutting of asphalt and bituminious materials



CERTIFICATE

FEATURES AND BENEFITS

- Characteristic arrangement of special diamond segments on two levels enables asphalt cutting and other bituminous materials without destruction of disc core
- High-quality laser connection between the segments and the disc increases the service life and the cutting efficiency
- Special, patented process of connecting segments with a disc core, reduce vibrations, increasing safety and work efficiency
- European diamond grains significantly increase the life of the disc and allow it to uniform abrasion
- 25,4 mm and additional drive transfer hole, allow for use with manual and wheel petrol cutters

APPLICATIONS

- Adapted to work with stationary cutters, manual and wheel petrol cutters
- Cutting of asphalt and bituminous materials

BASE MATERIALS

- Asphalt

Rawlplug code	External diameter	Inside diameter	Number of segments	Segment height	Quantity	Inner box weight
	[mm]	[mm]	[mm]	[mm]	[pcs]	[kg]
RT-DDS-350	350	25.4	21	11	1	1.23
RT-DDS-400	400	25.4	24	11	1	1.68

RT-DGC DIAMOND DISC FOR CONCRETE GRINDING

NEW

Diamond disc for grining surface of concrete

CERTIFICATE

FEATURES AND BENEFITS

- The special arrangement of 7 diamond segments enables rough construction works, e.g. removal, grinding of formwork residues.
- The increased height of the diamond affects the efficiency of grinding
- The 22.23 mm internal bore allows use with most angle grinders available on the market
- Thanks to the diameters of 125 mm and 180 mm, it is possible to use the grinding wheel in hard-to-reach places and convenient work with one-hand grinders

APPLICATIONS

- Concrete grinding

BASE MATERIALS

- Concrete

Rawlplug code	External	Internal	High	Box weight	Outer weight
	[mm]	[mm]	[mm]	kg	kg
RT-DGC-125	125	22.23	10	0.39	19.50

RT-DGT DIAMOND COATED DISC FOR GRINDING CERAMIC MATERIALS AND TILES

NEW

Diamond coated disc for grining ceramic tiles

CERTIFICATE

FEATURES AND BENEFITS

- The grinding wheel is covered with diamond on both sides, thanks to this it is possible to finish work on the first side, change for second side and continue your work.
- The discs are adapted to work with the maximum speed of 12000 RPM grinders.
- They are adapted for direct attachment to grinders with M14 thread available on the market.

APPLICATIONS

- [Diamond coated disc designed for grinding ceramic materials and tiles

BASE MATERIALS

- Ceramics
- Gres

Rawlplug code	External diameter	Inside diameter	Segment height	Quantity	Inner box weight
	[mm]	[mm]	[mm]	[pcs]	[kg]
RT-DGT-125	125	M14	0,2	1	1.23

ABRASIVE CUTTING AND GRINDING WHEELS

The hardness of the R-disc is suitable for cutting hard steel including stainless steel

The thickness of the wheel is ideally suited for fast and efficient cutting

High-quality European electrocorundum increases the service life of the wheel

Compensation grooves cool the discs allowing for dry and wet work

High ring provides extra time for work

High-quality connection between the ring and the disc increases the service life

The special shape of the segment enables the cutting of hard materials

High-quality laser connection between the segments and the disc increases the service life and the cutting efficiency

The European diamond ensures **high cutting quality**

The thin cross section of the blade with a reinforced mid-section allows for precise cutting

Special, patented process of connecting segments with a disc core, reduce vibrations, increasing safety and work efficiency

RT-CDA CUTTING WHEELS FOR ALUMINIUM

NEW

Corundum cutting wheels designed for fast cutting of aluminum

CERTIFICATE

EAC

FEATURES AND BENEFITS

- High-quality European electrocorundum increases the service life of the wheel
- The hardness of the disc is suitable for cutting without burns, aluminum materials and profiles
- The thickness of the wheel is ideally suited for fast and efficient cutting
- The resin binder is reinforced with 2 layers of mesh to protect the disc at high speed
- The internal bore of 22.23 mm allows the use of all angle grinders available on the market
- Manufacture in Poland guarantees high quality

APPLICATIONS

- Designed for fast cutting of aluminum

Rawlplug code	External	Internal	Thickness	Quantity	Inner box weight
	[mm]	[mm]	[mm]	[pcs]	[kg]
RT-CDA-125/16	125	22.23	1.6	25	2.65
RT-CDA-230/25	230	22.23	2.5	25	12.25

RT-CDI CUTTING WHEELS FOR STAINLESS STEEL

Angle grinder wheels for fast cutting of steel and stainless steel

CERTIFICATE

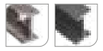
EAC

FEATURES AND BENEFITS

- High-quality European electrocorundum increases the service life of the wheel
- The hardness of the R-disc is suitable for cutting hard steel including stainless steel
- The thickness of the wheel is ideally suited for fast and efficient cutting
- The resin binder is reinforced with 2 layers of mesh to protect the disc at high speed
- The internal bore of 22.23 mm allows the use of all angle grinders available on the market
- Manufacture in Poland guarantees high quality

APPLICATIONS

- Designed for fast cutting of steel and stainless steel



Rawlplug code	External	Internal	Thickness	Quantity	Inner box weight
	[mm]	[mm]	[mm]	[pcs]	[kg]
RT-CDI-115/1	115	22.23	1	25	0.76
RT-CDI-125/1	125	22.23	1	25	1.01
RT-CDI-230/19	230	22.23	1.9	25	4.86

RT-GDI GRINDING WHEELS FOR STAINLESS STEEL

Angle grinder wheels for grinding stainless steel

CERTIFICATE

EAC

FEATURES AND BENEFITS

- High-quality European electrocorundum increases the service life of the wheel
- The hardness of the Q-discs is suitable for grinding hard steel including stainless steel
- The thick wheels are ideally suited to efficient grinding
- The resin binder is reinforced with 2 layers of mesh to protect the disc at high speed
- The internal bore of 22,23 mm allows for use with all angle grinders available on the market
- Manufacture in Poland guarantees high quality

APPLICATIONS

- Designed for grinding stainless steel

Rawlplug code	External	Internal	Thickness	Quantity	Inner box weight
	[mm]	[mm]	[mm]	[pcs]	[kg]
RT-GDI-115/6	115	22.23	6	10	1.52
RT-GDI-125/6	125	22.23	6	10	1.75

RT-CDS CUTTING WHEELS FOR STONE

Angle grinder wheels for fast cutting of stone

CERTIFICATE

EAC

FEATURES AND BENEFITS

- High-quality European carbide increases the service life of the wheels
- The hardness of the R-disc is suitable for cutting hard stone
- The thickness of the wheel is ideally suited for fast and efficient cutting
- The resin binder is reinforced with 2 layers of mesh to protect the disc at high speed
- The internal bore of 22.23 mm allows the use of all angle grinders available on the market
- Manufacture in Poland guarantees high quality

APPLICATIONS

- Designed for fast cutting of stone

Rawlplug code	External	Internal	Thickness	Quantity	Inner box weight
	[mm]	[mm]	[mm]	[pcs]	[kg]
RT-CDS-115/25	115	22.23	2.5	25	1.46
RT-CDS-125/25	125	22.23	2.5	25	1.89
RT-CDS-230/32	230	22.23	3.2	25	6.85

RT-GDS GRINDING WHEELS FOR STONE

Angle grinder wheels for grinding stone

CERTIFICATE

EAC

FEATURES AND BENEFITS

- High-quality European carbide increases the service life of the wheels
- The hardness of Q-discs is suitable for grinding stone
- The thick wheels are ideally suited to efficient grinding
- The resin binder is reinforced with 2 layers of mesh to protect the disc at high speed
- The internal bore of 22,23 mm allows for use with all angle grinders available on the market
- Manufacture in Poland guarantees high quality

APPLICATIONS

- Designed for grinding stone and concrete

Rawlplug code	External	Internal	Thickness	Quantity	Inner box weight
	[mm]	[mm]	[mm]	[pcs]	[kg]
RT-GDS-115/6	115	22.23	6	10	1.43
RT-GDS-125/6	125	22.23	6	10	1.69

RT-CDM CUTTING WHEELS FOR STEEL

Angle grinder wheels for fast cutting of construction steel

CERTIFICATE

EAC

FEATURES AND BENEFITS

- High-quality European electrocorundum increases the service life of the wheel
- The hardness of T-disc is suitable for fast cutting of hard construction steel
- The thickness of the wheel is ideally suited for fast and efficient cutting
- The resin binder is reinforced with 2 layers of mesh to protect the disc at high speed
- The internal bore of 22,23 mm allows for use with all angle grinders available on the market
- Manufacture in Poland guarantees high quality

APPLICATIONS

- Designed for fast cutting of construction steel

Rawlplug code	External	Internal	Thickness	Quantity	Inner box weight
	[mm]	[mm]	[mm]	[pcs]	[kg]
RT-CDM-115/1	115	22.23	1	25	0.76
RT-CDM-125/1	125	22.23	1	25	0.83
RT-CDM-230/19	230	22.23	1.9	25	4.99

RT-CDM CUTTING WHEELS FOR STEEL WITH LARGE CROSS SECTIONS

Corundum wheels for cutting structural steel with large cross-sections

CERTIFICATE

EAC

FEATURES AND BENEFITS

- High-quality European electrocorundum increases the service life of the wheel
- The hardness of T-disc is suitable for fast cutting of hard construction steel with large cross sections
- The thickness of the wheel is ideally suited for fast and efficient cutting
- The resin binder is reinforced with 3 layers of mesh to protect the disc at high speed
- The internal bore of 32 mm allows the use of the majority of low-speed stationary cutters
- Manufacture in Poland guarantees high quality

APPLICATIONS

- Designed for cutting structural steel with large cross-sections

Rawlplug code	External	Internal	Thickness	Quantity	Inner box weight
	[mm]	[mm]	[mm]	[pcs]	[kg]
RT-CDM-300/32	300	32	3.2	10	5.50
RT-CDM-350/35	350	32	3.5	10	8.26
RT-CDM-350/3R	350	25.4	3.5	10	5.50
RT-CDM-400/40	400	32	4	10	11.88

RT-GDM GRINDING WHEELS FOR STEEL

Angle grinder wheels for grinding construction steel

CERTIFICATE

EAC

FEATURES AND BENEFITS

- High-quality European electrocorundum increases the service life of the wheel
- The hardness of S-discs is suitable for grinding structural steel
- The thick wheels are ideally suited to efficient grinding
- The resin binder is reinforced with 2 layers of mesh to protect the disc at high speed
- The internal bore of 22,23 mm allows for use with all angle grinders available on the market
- Manufacture in Poland guarantees high quality

APPLICATIONS

- Designed for grinding construction steel

Rawlplug code	External	Internal	Thickness	Quantity	Inner box weight
	[mm]	[mm]	[mm]	[pcs]	[kg]
RT-GDM-115/6	115	22.23	6	10	1.67
RT-GDM-125/6	125	22.23	6	10	1.89

RT-FDI ZIRCONIUM FLAP DISCS FOR GRINDING STAINLESS STEEL

Zirconium flap discs for grinding steel and stainless steel

CERTIFICATE

EAC

FEATURES AND BENEFITS

- High quality, European, zirconium grain allows grinding stainless steel
- High concentration of evenly spread flaps enhances durability and affects the quality of the material that is being finished
- High-quality adhesive that hold the flaps increases the flap disc durability
- Diverse grit size of the paper allows you to grind the surface precisely
- Designed to work without the need to cool them with water
- The internal bore of 22,23 mm allows for use with all angle grinders available on the market
- Manufacture in Poland guarantees high quality

APPLICATIONS

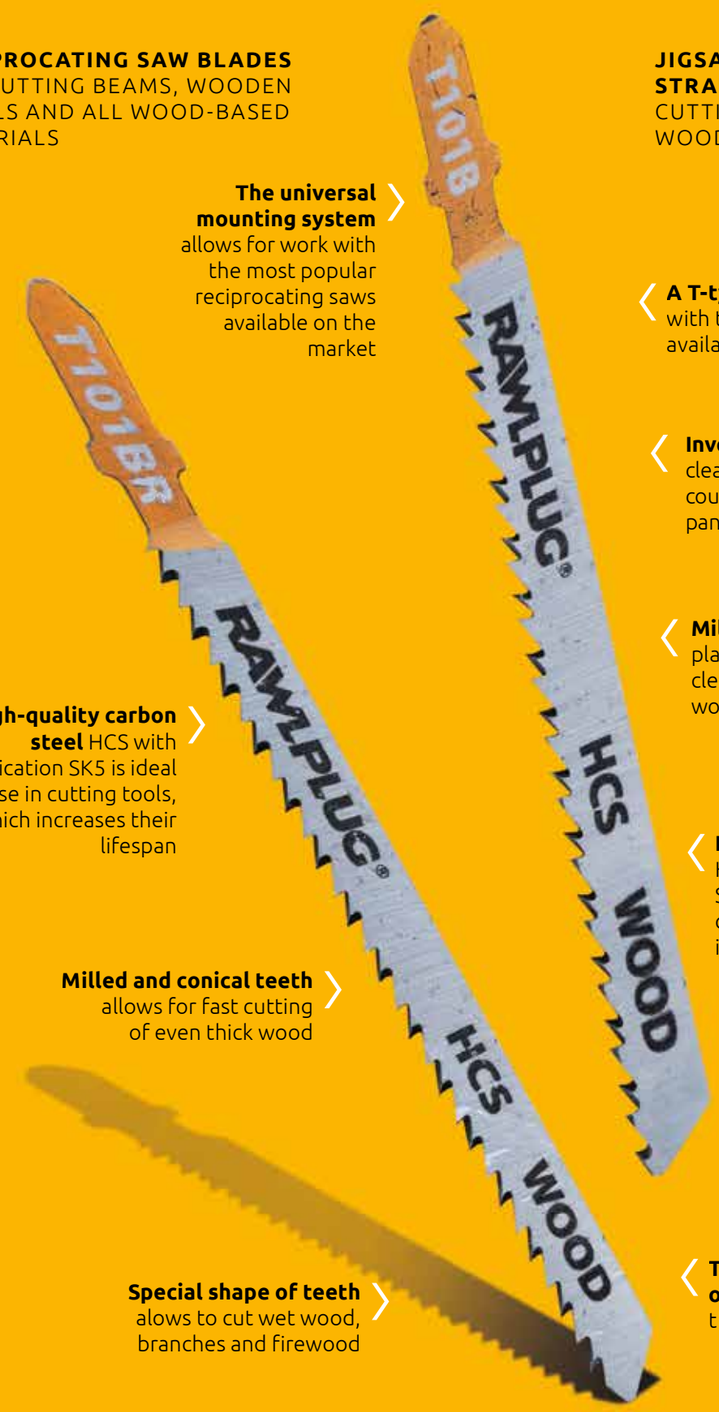
- Designed for grinding stainless steel

Rawlplug code	Size	Diameter	Internal	Quantity	Inner box weight
		[mm]	[mm]	[pcs]	[kg]
RT-FDI-125/40	40	125	22.23	10	0.72
RT-FDI-125/60	60	125	22.23	10	0.72
RT-FDI-125/80	80	125	22.23	10	0.90
RT-FDI-125/100	100	125	22.23	10	0.90
RT-FDI-125/120	120	125	22.23	10	0.90

CUTTING ACCESSORIES

RECIPROCATING SAW BLADES FOR CUTTING BEAMS, WOODEN PANELS AND ALL WOOD-BASED MATERIALS

JIGSAW BLADES FOR STRAIGHT AND PRECISE CUTTING OF WOOD AND WOOD-BASED MATERIALS



The universal mounting system allows for work with the most popular reciprocating saws available on the market

A T-type grip allows working with the majority of jigsaws available on the market

Inverted teeth allow clean cutting of kitchen countertops and furniture panels, without chipping

Milled and alternately placed teeth adapted for clean cutting of wood and wood-based materials

High-quality carbon steel HCS with specification SK5 is ideal for use in cutting tools, which increases their lifespan

High-quality carbon steel HCS with specification SK5 is ideal for use in cutting tools, which increases their lifespan

Milled and conical teeth allows for fast cutting of even thick wood

Special shape of teeth alows to cut wet wood, branches and firewood

The blade length of 240 mm allows cutting thick materials

RT-JSB-W

JIGSAW BLADES FOR WOOD CUTTING

Jigsaw blades for straight and fast cutting of wood and wood-based materials

FEATURES AND BENEFITS

- A T-type grip allows working with the majority of jigsaws available on the market
- High-quality carbon steel HCS with specification SK5 is ideal for use in cutting tools, which increases their lifespan
- Milled and conical teeth designed for fast cutting of wood and wood-based materials

APPLICATIONS

- Straight and fast cutting of wood and wood-based materials

Rawlplug code	Length	Working length	Quantity	Tooth spacing	Cutting	Inner box weight
	mm	mm	pcs	mm		kg
RT-JSB-W4C	100	75	5	4	10-50	0.05
RT-JSB-W2M	100	75	5	2.5	3-30	0.05
RT-JSB-W4U	100	75	5	4	4-50	0.04
RT-JSB-W3RC	100	75	5	3	4-50	0.05
RT-JSB-W2VF	77	50	5	2	2-15	0.03

RT-JSB-W2F

JIGSAW BLADES FOR WOOD CUTTING

Jigsaw blades for precise and clean cutting of wood and wood-based materials

FEATURES AND BENEFITS

- A T-type grip allows working with the majority of jigsaws available on the market
- High-quality carbon steel HCS with specification SK5 is ideal for use in cutting tools, which increases their lifespan
- Milled and alternately placed teeth adapted for clean cutting of wood and wood-based materials
- The narrow width of the blade allows for cutting along curves
- The perpendicular arrangement of the teeth enables clean cutting of wood without fray

APPLICATIONS

- Precise and clean curved cutting of wood and wood-based materials

Rawlplug code	Length	Working length	Quantity	Tooth spacing	Cutting	Inner box weight
	mm	mm	pcs	mm		kg
RT-JSB-W2F	77	50	5	1.4	3-20	0.03

RT-JSB-W2MR

JIGSAW BLADES FOR FURNITURE PANELS CUTTING

Jigsaw blades with inverted teeth for straight and clean cutting of kitchen countertops and furniture panels

FEATURES AND BENEFITS

- A T-type grip allows working with the majority of jigsaws available on the market
- Inverted teeth allow clean cutting of kitchen countertops and furniture panels, without chipping
- High-quality carbon steel HCS with specification SK5 is ideal for use in cutting tools, which increases their lifespan
- Milled and alternately placed teeth adapted for clean cutting of wood and wood-based materials

APPLICATIONS

- Straight and clean cutting of kitchen countertops and furniture panels

RT-JSB-W2MR

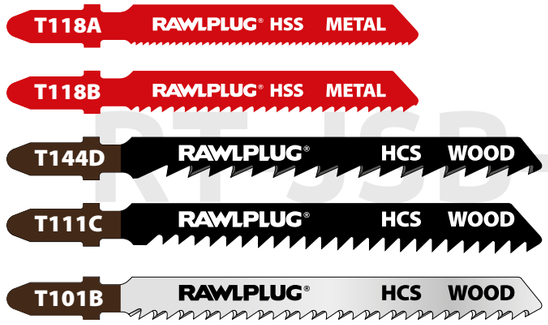
JIGSAW BLADES FOR FURNITURE PANELS CUTTING (cont.)

Rawlplug code	Length	Working length	Quantity	Tooth spacing	Cutting	Inner box weight
	mm	mm	[cs	mm		kg
RT-JSB-W2MR	100	75	5	2.5	3-30	0.04

RT-JSB-MW1AS

JIGSAW BLADES SET

A set of jigsaw blades designed for cutting wood, wood-based materials, ferrous and non-ferrous metals



FEATURES AND BENEFITS

- A T-type grip allows working with the majority of jigsaws available on the market
- Specially hardened high speed steel HSS is ideally suited for cutting metal, aluminum and non-ferrous metals
- Milled and corrugated teeth are ideal for straight cutting of metal
- High-quality carbon steel HCS with specification SK5 is ideal for use in cutting tools, which increases their lifespan
- Milled and conical teeth designed for fast cutting of wood and wood-based materials

APPLICATIONS

- A set of blades designed for cutting wood, wood-based materials, ferrous and non-ferrous metals

Rawlplug code	Carton quantity	Inner box weight
	pcs	kg
RT-JSB-MW1AS	5	0.04

RT-JSB-M

JIGSAW BLADES FOR METAL CUTTING

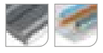
Jigsaw blades for easy cutting of sheet metal, ferrous and non-ferrous metals

FEATURES AND BENEFITS

- A T-type grip allows working with the majority of jigsaws available on the market
- Specially hardened high speed steel HSS is ideally suited for cutting metal, aluminum and non-ferrous metals
- Milled and corrugated teeth are ideal for straight cutting of metal

APPLICATIONS

- For easy cutting of sheet metal, ferrous and non-ferrous metals

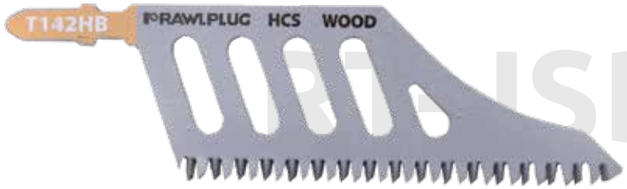


Rawlplug code	Length	Working length	Quantity	Tooth spacing	Cutting	Inner box weight
	mm	mm	pcs	mm		kg
RT-JSB-M07VF	77	50	5	0.8	0.7-2.0	0.04
RT-JSB-M12F	77	50	5	1.2	1.5-3.0	0.04
RT-JSB-M2M	77	50	5	2.0	>2.5	0.04

RT-JSB-B112

JIGSAW BLADE FOR CLEAN AND FINISHING WOOD CUTTING

Jigsaw blade for straight, clean and finishing cutting of wood and wood-based materials



FEATURES AND BENEFITS

A T-type grip allows working with the majority of jigsaws available on the market

- High-quality carbon steel HCS with specification SK5 is ideal for use in cutting tools, which increases their lifespan
- Milled and alternately placed teeth adapted for clean cutting of wood and wood-based materials
- High ridge of blades allows straight and finishing cutting of wood in hard to reach areas

APPLICATIONS

- Straight, clean and finishing cutting of wood and wood-based materials

Rawlplug code	Length	Working length	Quantity	Tooth spacing	Cutting	Weight
	mm	mm	pcs	mm		kg
RT-JSB-B112	110	80	1	2.3	10-50	0.08

RT-JSB-W

RECIPROCATING SAW BLADES

Reciprocating saw blades for cutting beams, planks, wooden panels and all wood-based materials

FEATURES AND BENEFITS

- High-quality carbon steel HCS with specification SK5 is ideal for use in cutting tools, which increases their lifespan
- Milled and conical teeth allows for fast cutting of even thick wood
- The universal mounting system allows for work with the most popular reciprocating saws available on the market

APPLICATIONS

- For cutting beams, planks, wooden panels and all wood-based materials
- For cutting beams, planks and all wood-based materials
- For cutting wet wood, branches and firewood

Rawlplug code	Length	Working length	Quantity	Tooth spacing	Cutting	Weight
	[mm]	[mm]	[pcs]	[mm]		kg
RT-JSB-W150M	152	132	5	4	6-100	0.11
RT-JSB-W225C	225	210	5	8.5	20-175	0.20
RT-JSB-W240P	240	220	5	5	20-175	0.20

RT-JSB-M150C

RECIPROCATING SAW BLADES

Reciprocating saw blades for easy cutting of sheet metal, ferrous and non-ferrous metals

FEATURES AND BENEFITS

- Milled and corrugated teeth are ideal for straight cutting of metal
- The universal mounting system allows for work with the most popular reciprocating saws available on the market
- Bimetal blade allows cutting steel and non-ferrous metals

APPLICATIONS

- For easy cutting of sheet metal, ferrous and non-ferrous metals

Rawlplug code	Length	Working length	Quantity	Tooth spacing	Cutting	Weight
	[mm]	[mm]	[pcs]	[mm]		kg
RT-JSB-M150C	150	130	5	2.5	5-10	0.11

RT-JSB-M150M

RECIPROCATING SAW BLADES

Reciprocating saw blades for easy cutting of sheet metal, ferrous and non-ferrous metals

FEATURES AND BENEFITS

- Milled and corrugated teeth are ideal for straight cutting of metal
- The universal mounting system allows for work with the most popular reciprocating saws available on the market
- Bimetal blade allows cutting steel and non-ferrous metals

APPLICATIONS

- For easy cutting of sheet metal, ferrous and non-ferrous metals

Rawlplug code	Length	Working length	Quantity	Tooth spacing	Cutting	Weight
	[mm]	[mm]	[pcs]	[mm]		kg
RT-JSB-M150M	150	130	5	1.8	3-8	0.11

RT-RSB-AB

RECIPROCATING SAW BLADES FOR CUTTING AERATED CONCRETE

Reciprocating saw blades for cutting cellular concrete blocks, aerated concrete and airbricks

FEATURES AND BENEFITS

- HM carbide teeth and tooth spacing of 12.7 mm allows for the efficient cutting of porous concrete and bricks
- High ridge of blade allows straight cutting of materials
- The universal mounting system allows for work with the most popular reciprocating saws available on the market
- The length of the blade allows cutting most popular block sizes

APPLICATIONS

- For cutting cellular concrete blocks, aerated concrete and airbricks

Rawlplug code	Length	Working length	Quantity	Tooth spacing	Cutting	Weight
	[mm]	[mm]	[pcs]	[mm]		kg
RT-RSB-AB305	305	255	1	12.7	250	0.10
RT-RSB-AB455	455	405	1	12.7	400	0.12

Direct and Manual Fastening Systems

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WW90 Gas solution for wood	149
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Gluing system	178

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METAL

GAS ACTUATED TOOLS

R-SC40II

STEEL AND CONCRETE NAILER

INSTALLATION GUIDE

APPLICATIONS

CONSUMABLES

NAILS WITH FUEL CELLS FOR CONCRETE AND STEEL

CLIPS PLASTIC AND METAL

CLEANING KIT

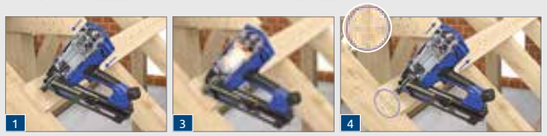
WOOD

GAS ACTUATED TOOLS

R-WW90II

WOOD FRAMING NAILER

INSTALLATION GUIDE



APPLICATIONS

CONSUMABLES

NAILS FOR WOOD

FUEL CELL

CLEANING KIT

WOOD

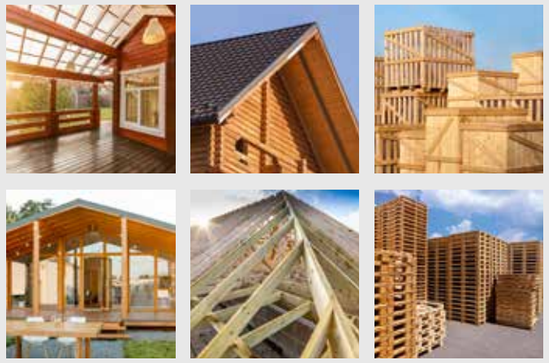
PNEUMATIC TOOLS

PAPER STRIP NAILERS
& COIL NAILERS

PAPER STRIP NAILER

COIL NAILER

APPLICATIONS



CONSUMABLES

COLLATED NAILS R-GDP WIRE / R-GPG PLASTIC

OIL LUBRICATED COMPRESSORS

G A S A C T U A T E D T O O L S

SC40II GAS POWERED NAILER

FOR STEEL AND CONCRETE

New cleaning and maintenance mechanism extends nailer lifespan by **40%**

Lithium-ion battery **up to 8000 fixings per charge**

Fast charging **2 minutes +200 fixings**

Improved **distribution mas, limits forearm overload** and provides work comfort

One of the **lowest weights** in the market

Stand-by mode after **10 minutes** of inactivity **saves battery power**

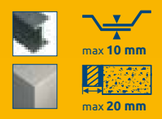
Tool-free comfort depth adjustment nail seating in 2 modes ensures **quick use**

Dedicated barrel's **magnet holder** positions and keeps steel washers and clips during installation

ACCESSORIES SELECTION GUIDE

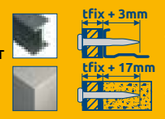
STEP 1 DETERMINE THE SUBSTRATE

STEP 3 CONFIRM FIXTURE'S THICKNESS



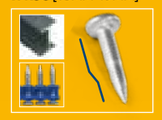
STEP 2 CHOOSE THE FIXTURE

STEP 4 SELECT RIGHT LENGTH OF NAILS

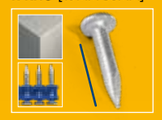


COLLATED NAILS

R-KSC [15MM-19MM]



R-KNC [19MM-38MM]



CLEANING KIT R-KIT-WW90/SC40

R-SC40II

GAS POWERED STEEL AND CONCRETE NAILER

Gas powered nailer for steel and concrete

FEATURES AND BENEFITS

- Pin range from 15mm to 38mm provides wide range of application
- Simplified depth adjustment design provides the end user with easy but accurate depth of drive control.
- Removable magnetic nose tip for attaching metal clips and ceiling hangers. User can safely and comfortably perform in all overhead applications
- Compact and ergonomic design allows the operator to achieve great accessibility and freedom of operation
- Rear loading lightweight plastic magazine with a capacity of 30 pins provides durability and acessibility
- Sequential firing mode for operators safety and fixing precision
- Low weight provides end user with high level of comfort and working experience.
- Quick release mechanism provides easy access to the magazine for removing obstructions and performing routine maintenance
- Lithium-Ion technology along with energy saving features ensures high capacity and performance of the system

EQUIPMENT

- R-SC40II Gas powered nailer and case
- 1 battery
- AC power supply cable
- Charger base
- Operating and Safety manual
- Safety glasses and ear plugs

BASE MATERIALS

- Concrete C20/25-C50/60
- Concrete Slab
- Unreinforced concrete
- Concrete
- Structural Steel

APPLICATIONS

- Cable conduits and wires installation
- Applicable for fixing steel and aluminium profiles in drywall structures
- Installation of all types of M&E clips and clamps
- Securing wire mesh as plaster reinforcement using special thrust washer

CORRESPONDING PRODUCTS

- R-KNC plastic collated pins for concrete with fuel cells
- R-KSC plastic collated pins for steel with fuel cells
- R-GP5
- R-KIT-WW90/SC40

CERTIFICATE

Rawlplug code	type of packaging / batteries	Fastener length range [mm]	Fuel cell type	Magazine capacity [nails]	Shots per charge	Weight [kg]
R-SC40II-XS	cardboard packaging without batteries	15-38	R-GP5	30	8000	3.5
R-SC40II-XS1	cardboard packaging - 1 battery	15-38	R-GP5	30	8000	3.8
R-SC40II-XL1	Rawlcase packaging - 1 battery	15-38	R-GP5	30	8000	5.2
R-SC40II-XL2	Rawlcase packaging - 2 batterys	15-38	R-GP5	30	8000	5.9

R-BAT-07

BATTERY 7,2V LI-ION FOR SC40II AND WW90II

7.2V Li-Ion battery for fast charging and the highest energy density

FEATURES AND BENEFITS

- Modern lithium-ion technology ensures high efficiency of the battery
- Fast charging reduces downtime during operation
- The use of one type of battery for several devices increases the convenience of use and reduces costs
- The electronic system for deep discharge protection allows you to extend the battery life

CORRESPONDING PRODUCTS

- R-SC40II Gas powered steel and concrete nailer
- R-WW90II Gas powered framing nailer

APPLICATIONS

- Designed to power Rawlplug series power tools
- Designed for use with Rawlplug series chargers

Rawlplug code	Battery capacity []	Battery voltage [V]	Carton quantity [pcs]	Box weight [kg]	Outer weight [kg]	EAN
R-BAT-072501	2.5	7.2	1	0.30	9.60	5906675488097
R-BAT-073001	3.0	7.2	1	0.45	14.40	5906675496832

R-CHR-072001

BATTERY CHARGER SC40II WW90II 7,2V-8,4V

Intended for use with Rawlplug series batteries

FEATURES AND BENEFITS

- Fast charging reduces downtime during operation
- The use of one type of battery and charger for several devices increases the convenience of use and reduces costs
- The electronic stabilization of the charging process allows to extend the battery life

CORRESPONDING PRODUCTS

- R-SC40II Gas powered steel and concrete nailer
- R-WW90II Gas powered framing nailer

APPLICATIONS

- Intended for use with Rawlplug series batteries

Rawlplug code	Battery capacity	Weight	Carton quantity	Box weight	Outer weight	EAN
	[Ah]	[g]	[pcs]	[kg]	[kg]	
R-CHR-072001	7.2-8.4	380	1	0.35	5.60	5906675488103

R-S1-SC40-MH/MHC-25/2

MAGNET HOLDER FOR SC40 GAS NAILER

NEW

Magnet holder for the barrel of the R-SC40II nailer

R-S1-SC40-MH-25/2

R-S1-SC40-MHC-25/2

FEATURES AND BENEFITS

- Allows for magnetic holding of steel elements before and during serial installation, which makes assembly on scaffoldings or with difficult access to the ground simple and comfortable
- Perfectly suited to the barrel of the SC40II nailer
- Simple installation by placing the ring on the barrel

APPLICATIONS

- Serial assembly of steel holders - MH
- Serial assembly of steel mesh using a nail with a steel washer - MHC

Rawlplug code	Diameter	Internal diameter	Carton quantity
	[mm]	[mm]	[pcs]
R-S1-SC40-MH-25/2	23	12	1
R-S1-SC40-MHC-25/2	23	12	1

R-KIT-WW90/SC40

Cleaning kit for gas powered tools

FEATURES AND BENEFITS

- Contains cleaning detergent, lubricating oil, cloth, gloves and cleaning guide for gas tools
- Allows to perform a standard cleaning and maintenance of the tool
- Provide send user with means to keep the tools in perfect working conditions
- The kit is not included with the tool

CORRESPONDING PRODUCTS

- All gas powered framing nailer

Rawlplug code	Content	Quantity [pcs]
R-KIT-WW90/SC40	Cleaning detergent, Lubricating oil, Cleaning cloth, Gloves, Cleaning guide	1

CONSUMABLES FOR GAS ACTUATED TOOLS

NYLON AND METAL CLIPS, WASHERS

nylon

metal

R-SC40-PCR PIPE AND CABLE PLASTIC CLIP

Single plastic clip for M&E applications

FEATURES AND BENEFITS

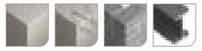
- The clip allows to use it in multiple applications thanks to adjustable diameter
- Equiped with countersink cavity allowing to place it firmly onto the nose piece of the tool and perform one hand over head installation
- Possibility to use the clip for hot water pipes thanks to special groove in the clip base and an installation railing
- Suitable for installing metric, copper, steel, multilayer, PE, PP, PB and stainles pipes
- Product compatible with majority of the gas powered tools available on the market, which allows to match accessories with your equipment

APPLICATIONS

- Fixing pipes and cables in HVAC systems
- Installing cables in pipes and corrugated conduits
- Installation of metal and plastic pipes in all pipework installations

BASE MATERIALS

- Concrete
- Concrete block
- Cracked concrete
- Steel



CORRESPONDING PRODUCTS

- R-SC40II Gas powered steel and concrete nailer
- R-KNC nails for concrete and steel
- R-KSC nails for steel

ADDITIONAL

HALOGEN FREE SILICONE FREE

Rawlplug code	Bag quantity	Description	Diameter range	Dimensions	Box Weight
	[pcs]		[mm]	[mm]	[kg]
R-SC40-PCR-18	60	Adjustable pipe and cable clip	18	20x24x35,6	0.69
R-SC40-PCR-25	40	Adjustable pipe and cable clip	25	20X29X45,5	0.49
R-SC40-PCR-32	25	Adjustable pipe and cable clip	32	20x36x53,6	0.60
R-SC40-PCR-42	20	Adjustable pipe and cable clip	42	24x45x66,4	0.46

R-SC40-PCO PIPE AND CABLE PLASTIC CLIP

Plastic brackets for pipes and conduits for applications in electrical installations, water and sewage systems, and HVAC

FEATURES AND BENEFITS

- Easy to install with the possibility of setting on the nail gun barrel, and one-hand assembly
- Possibility of joining grips in larger sections with special locks on the sides of the handle
- Can be used in heating systems using installation rail
- Special socket design ensures compatibility with most nail guns available on the market
- The range of the offer provides the ability to handle most plumbing applications
- The hole in the base allows mounting the bracket using the traditional method

APPLICATIONS

- Installing cables in pipes and corrugated conduits
- Fixing pipes and cables in HVAC systems
- Pipe installation in plumbing

BASE MATERIALS

- Concrete C20/25-C50/60
- Unreinforced concrete
- Concrete block
- Steel

CORRESPONDING PRODUCTS

- R-SC40II Gas powered steel and concrete nailer
- R-KNC nails for concrete and steel
- R-KSC nails for steel

ADDITIONAL

HALOGEN FREE SILICONE FREE

Rawlplug code	Bag quantity	Description	Diameter range	Dimensions	Box Weight
	[pcs]		[mm]	[mm]	[kg]
R-SC40-PCO16	100	Adjustable pipe and cable clip	16	10x23x23,5	0.40
R-SC40-PCO-20	100	Adjustable pipe and cable clip	20	10x25x29,5	0,45
R-SC40-PCO-25	90	Adjustable pipe and cable clip	25	10x30x34	0.55
R-SC40-PCO-32	50	Adjustable pipe and cable clip	32	10x38x42	0.41
R-SC40-PCO-40	35	Adjustable pipe and cable clip	40	10x46x50	0.49

R-SC40-PC NYLON CLIPS DOUBLE AND SINGLE

Double and simple plastic clip for M&E applications

R-SC40-PCD

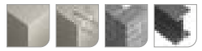
R-SC40-PCS

FEATURES AND BENEFITS

- Designed to be used for fixing installation pipes ex. underfloor heating
- Applicable for electrical installations on technical floors, walls and ceilings
- Product compatible with majority of the gas powered tools available on the market, which allows to match accessories with your equipment
- Thanks to its special design, it provides secure fixing of installed parts
- Special slot for tools nose peice provides good positioning and precision of fixing

BASE MATERIALS

- Concrete
- Concrete block
- Cracked concrete
- Steel



APPLICATIONS

- Pipework installation
- Underfloor heating installation

CORRESPONDING PRODUCTS

- R-SC40II Gas powered steel and concrete nailer
- R-KNC nails for concrete and steel
- R-KSC nails for steel

ADDITIONAL

HALOGEN FREE

Rawlplug code	Internal diameter	Carton quantity	Box Weight
	[mm]	[pcs]	[kg]
R-SC40-PCD Plastic clip - double			
R-SC40-PCD -16	16	60	0.52
R-SC40-PCD -20	20	50	0.66
R-SC40-PCD -25	25	30	0.72
R-SC40-PCS Plastic clip - single			
R-SC40-PCS-16	16	100	0.23
R-SC40-PCS-18	18	80	0.47
R-SC40-PCS-20	20	80	0.50
R-SC40-PCS-22	22	70	0.55
R-SC40-PCS-25	25	60	0.58
R-SC40-PCS-28	28	50	0.80
R-SC40-PCS-32	32	50	0.80

R-SC40-CB NYLON CABLE BOW DOUBLE AND SINGLE

Double and single plastic cable bow for wiring and electrical installations

R-SC40-CBD

R-SC40-CBS

FEATURES AND BENEFITS

- Thanks to special design it is possible to expand or reduce the number of cables without dismantleing the clip
- Precise fixing thanks to pre-moulded markers on the base of the clasp
- Product compatible with most of the gas tools available on the market which allows matching accesories with your equipment
- Applicable for electrical installations on technical floors, walls and ceilings
- Eqiped with a special socket for tools nose piece for one-hand operation overhead

BASE MATERIALS

- Concrete
- Concrete block
- Cracked concrete
- Steel

APPLICATIONS

- Installation of cables in industrial and commercial applications, where frequent rerouting is expected

R-SC40-CB NYLON CABLE BOW DOUBLE AND SINGLE cont.

CORRESPONDING PRODUCTS

- R-SC40II Gas powered steel and concrete nailer
- R-KNC nails for concrete and steel
- R-KSC nails for steel

ADDITIONAL

Rawlplug code	Carton quantity	Width	Box Weight
	[pcs]	[mm]	[kg]
R-SC40-CBD Double plastic clip			
R-SC40-CBD	20	76.5	0.63
R-SC40-CBS SIngle plastic clip			
R-SC40-CBS	40	76.5	0.50

R-SC40-TC NYLON CLIP FOR TWIN AND EARTH CABLE

Plastic clip for installing twin and earth cable

R-SC40-TCD

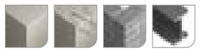
R-SC40-TCS

FEATURES AND BENEFITS

- Equiped with countersink cavity allowing to place it firmly onto the nose piece of the tool and perform one hand over head installation
- Manufactured in accordance to RoHS from halogene free PA6
- Applicable for electrical installations on technical floors, walls and ceilings
- Product compatible with majority of the gas powered tools available on the market, which allows to match accessories with your equipment
- Quick assembly with the use of gas nailer is an cost effective alternative to all other installation methods

BASE MATERIALS

- Concrete
- Concrete block
- Cracked concrete
- Steel



APPLICATIONS

- Installation of twin and earth flat cables of width up to 25.5mm using a SC40 gas nailer

CORRESPONDING PRODUCTS

- R-SC40II Gas powered steel and concrete nailer
- R-KNC nails for concrete and steel
- R-KSC nails for steel

ADDITIONAL

Rawlplug code	Carton quantity	Width	Box Weight
	[pcs]	[mm]	[kg]
R-SC40-TCD Plastic clip - double			
R-SC40-TCD	90	25.5	0.60
R-SC40-TCS Plastic clip - simple			
R-SC40-TCS	100	17.5	0.80

R-SC40-HEX PLASTIC UNIVERSAL CABLE/CONDUIT TIE HOLDER

Universal cable/conduit tie holder for electrical cables, flexible and rigid electrical conduits

FEATURES AND BENEFITS

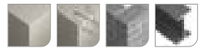
- Designed for fixing cables and pipes using cable ties. Perfect in places with difficult acces for drilling
- Can hold multiple cable ties in six surfaces
- Equiped with countersunk cavity allowing to place it firmly onto the nose piece of the tool and perform one hand over head installation
- Product compatible with majority of the gas powered tools available on the market, which allows to match accessories with your equipment

APPLICATIONS

- Fixing single cables and bunched cables
- Installing cables in pipes and corrugated conduits
- Installation of metal and plastic pipes in all pipework installations
- Pipe installation in plumbing

BASE MATERIALS

- Concrete
- Concrete block
- Cracked concrete
- Structural steel



CORRESPONDING PRODUCTS

- R-SC40II Gas powered steel and concrete nailer
- R-KNC nails for concrete and steel
- R-KSC nails for steel

ADDITIONAL

Rawlplug code	Bag quantity	Diameter range	Box Weight
	[pcs]	[mm]	[kg]
R-SC40-HEX	100	31	0.81

R-SC40-MC METAL CLIP DOUBLE AND SINGLE

NEW

Double and single metal clip for low voltage electric installations

R-SC40-MCD

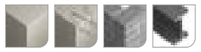
R-SC40-MCS

FEATURES AND BENEFITS

- A minimum of 5 microns of zinc coating for better corrosion protection
- Product compatible with most of the gas tools available on the market which allows matching accesories with your equipment

BASE MATERIALS

- Concrete
- Concrete block
- Cracked concrete
- Structural Steel



APPLICATIONS

- Fastening electric cables
- Fastening flexible and rigid wiring pipes
- Fastening plumbing and heating pipes
- Attachment of injection hoses

CORRESPONDING PRODUCTS

- R-SC40II Gas powered steel and concrete nailer
- R-KNC nails for concrete and steel
- R-KSC nails for steel

Rawlplug code	Product description	Carton quantity	Internal diameter
			[mm]
R-SC40-MCS			
R-SC40-MCS-6	Metal clip simple 6mm	100	6
R-SC40-MCS-8	Metal clip simple 8mm	100	8
R-SC40-MCS-10	Metal clip simple 10mm	100	10
R-SC40-MCS-12	Metal clip simple 12mm	100	12
R-SC40-MCS-16	Metal clip simple 16 mm	100	16
R-SC40-MCS-20	Metal clip simple 20mm	100	20
R-SC40-MCS-25	Metal clip simple 25mm	50	25
R-SC40-MCS-32	Metal clip simple 32mm	50	32

Rawlplug code	Product description	Carton quantity	Internal diameter
			[mm]
R-SC40-MCD			
R-SC40-MCD-6	Metal clip double 6mm	100	6
R-SC40-MCD-8	Metal clip double 8mm	100	8
R-SC40-MCD-10	Metal clip double 10mm	100	10
R-SC40-MCD-12	Metal clip double 12mm	100	12
R-SC40-MCD-16	Metal clip double 16mm	100	16
R-SC40-MCD-20	Metal clip double 20mm	100	20
R-SC40-MCD-25	Metal clip double 25mm	50	25
R-SC40-MCD-32	Metal clip double 32mm	50	32

R-SC40-MW-25 METAL WASHER

NEW

Steel washer for mounting the concealed steel mesh

FEATURES AND BENEFITS

- Compatible with the magnetic holder of the barrel for the R-SC40II nailer
- A zinc coating with a minimum thickness of 5 microns provides optimal protection against corrosion
- Compatible with most gas nailers on the market
- The large pressure surface ensures a wide range of applications and the best parameters

BASE MATERIALS

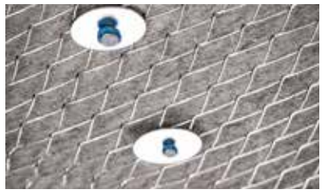
- Concrete
- Concrete block
- Steel

APPLICATIONS

- Installation of the metal concealed mesh

CORRESPONDING PRODUCTS

- R-SC40II Gas powered steel and concrete nailer
- R-KNC nails for concrete and steel
- R-KSC nails for steel



Rawlplug code	Material	Carton quantity	Diameter	Thickness	Finish	Box Weight
		[pcs]	[mm]	[mm]		[kg]
R-SC40-MW-25	Steel	200	25	1	Silver Galvanised	0.45
R-SC40-MW-25-1000	Steel	1000	25	1	Silver Galvanised	2.25

R-MTC-10M / R-MTP-10M MOUNTING TAPE - PERFORATED

Perforated mounting tape for hanging and fastening cables, pipes, ducts or other large items

R-MTC-10M

R-MTP-10M

FEATURES AND BENEFITS

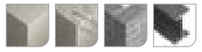
- Easy to cut, bend or twist, widely used for electricians, plumbers, HVAC fitters
- Easy to install thanks to evenly distributed holes
- Supplied on a 10m roll with possibility to customize to the required length
- Versatile fixing made of galvanized steel

APPLICATIONS

- Fastening pipes and cables on floors and ventilation ducts to ceilings

BASE MATERIALS

- Concrete
- Concrete block
- Cracked concrete
- Structural Steel



Rawlplug code	Carton quantity	Width	Box Weight
	[pcs]	[mm]	[kg]
R-MTC-10M Perforated mounting tape			
R-MTC-10M	1	12	0.484
R-MTP-10M Perforated mounting tape, coated in plastic cover			
R-MTP-10M	1	14	0.6

R-MTPY-10M POLYESTER MOUNTING TAPE

NEW

Textile tape for attaching cables and pipes to floors

FEATURES AND BENEFITS

- Easy to cut, bend or twist the tape widely used by electricians, plumbers, HVAC installers, pipe fitters
- Fast and cost-effective clamping of pipes and tubes cable
- Supplied in a 10m roll with the option adaptation to the required length
- The tape absorbs the entire nail stroke, and additionally suppresses the sound of the shot, reducing the risk of an accident
- The rounded edges of the tapes prevent damage to the fastened materials

APPLICATIONS

- Fastening pipes to floors in installations plumbing and heating
- Fixing of cable conduits to the floor

BASE MATERIALS

- Concrete C20/25-C50/60
- Concrete Slab
- Unreinforced concrete
- Structural Steel

CORRESPONDING PRODUCTS

- R-SC40II Gas powered steel and concrete nailer
- R-KNC plastic collated concrete pins with fuel cells
- R-KSC plastic collated pins for steel with fuel cells

ATTENTION

Rawlplug code	Diameter	Material	Box weight
	[mm]		[kg]
R-MTPY-10M	19	Polyester	0.30

R-MTPP-10M POLYPROPYLENE MOUNTING TAPE

NEW

Textile tape for attaching cables and pipes to floors

FEATURES AND BENEFITS

- Easy to cut, bend or twist the tape widely used by electricians, plumbers, HVAC installers, pipe fitters
- Fast and cost-effective clamping of pipes and tubes cable
- Supplied in a 10m roll with the option adaptation to the required length
- The tape absorbs the entire nail stroke, and additionally suppresses the sound of the shot, reducing the risk of an accident
- The rounded edges of the tapes prevent damage to the fastened materials

APPLICATIONS

- Fastening pipes to floors in installations plumbing and heating
- Fixing of cable conduits to the floor

BASE MATERIALS

- Concrete C20/25-C50/60
- Concrete Slab
- Unreinforced concrete
- Structural Steel

CORRESPONDING PRODUCTS

- R-SC40II Gas powered steel and concrete nailer
- R-KNC plastic collated concrete pins with fuel cells
- R-KSC plastic collated pins for steel with fuel cells

ATTENTION

Rawlplug code	Diameter	Material	Box weight
	[mm]		[kg]
R-MTPP-10M	15	Polypropylene	0.20

R-MTT-10M

MOUNTING TAPE - TEXTILE

NEW

Textile tape for cable and conduit fastenings on floors

FEATURES AND BENEFITS

- Easy to cut with a wide range of applications for electricians and plumbers
- Quick, cost-efficient fastening
- Supplied on a 10m roll with possibility to customize to the required length

APPLICATIONS

- Fastening electrical conduits on floors
- Fastening pipes on floors in plumbing and heating installation work

BASE MATERIALS

- Concrete
- Concrete block
- Cracked concrete
- Structural Steel

Rawlplug code	Diameter	Material	Box weight
	[mm]		[kg]
R-MTT-10M	19	Polyester	0.30

R-GP5

FUEL CELL FOR USE WITH R-SC40II

NEW

Fuel cell for use in R-SC40II gas powered nailer

FEATURES AND BENEFITS

- Clean Propane & Butane mixiture reduces carbon residue
- High quality propellant for increased performance
- Contains a fully synthetic oil for lubricating the tool
- Functions from + 5°C to + 35°C to elongate the work site capability of the system
- Compatible with leading manufactures tools

APPLICATIONS

- Powering gas powered steel and concrete nailers

Rawlplug code	Fuel type	Lubrication	Size	Weight	Operating temperatures	Efficiency
			[mm]	[g]	[°C]	[shots]
R-GP5/R-RAWL-GP5	Propane & Butane	Yes	100	30	from +5 to +35	min. 500 shots

R-KNC

PLASTIC COLLATED CONCRETE PINS WITH FUEL CELLS

Smooth shank galvanised pins for concrete applications and for lightweight steel applications

CERTIFICATE

- ITB-KOT-2019/1111

FEATURES AND BENEFITS

- Ballistic point increases performance into the base material. This special design is responsible for providing best load bearing values for this type of fixing.
- Smooth shank and hardness of 55 - 60 HRC provide great penetration ability and give best result in hard concrete - C20/25-C50/60
- Plastic collation provides protection from deterioration by weather conditions or high humidity
- Compatible with leading manufactures tools present on the marketplace
- Full round head for a secure fixing with the highest performance achieved

APPLICATIONS

- Fixing steel or aluminium profiles into concrete in drywall systems
- Fixing electrical boxes, sanitary ware, cable trunking, etc.
- Cable conduits and wires installation

CORRESPONDING PRODUCTS

- R-SC40II Gas powered steel and concrete nailer
- plastic clips
- metal clips

BASE MATERIALS

- Concrete
- Concrete block
- Cracked concrete

Also suitable for (after site testing):

- Steel

Rawlplug code	Length	Head type	Shank type	Finish	Protection	Shank hardness [Hrc]	Fasteners per strip	Carton quantity	Fuel cells per carton	Box Weight
	mm						[pcs]	[pcs]	[pcs]	kg
R-KNC-6/17/500	17	Full Round	Smooth	Electro galvanised	Up to 4 microns	55 - 60	10	500	1	0.67
R-KNC-6/19/500	19	Full Round	Smooth	Electro galvanised	Up to 4 microns	55 - 60	10	500	1	0.67
R-KNC-6/22/500	22	Full Round	Smooth	Electro galvanised	Up to 4 microns	55 - 60	10	500	1	0.75
R-KNC-6/25/500	25	Full Round	Smooth	Electro galvanised	Up to 4 microns	55 - 60	10	500	1	0.83
R-KNC-6/27/500	27	Full Round	Smooth	Electro galvanised	Up to 4 microns	55 - 60	10	500	1	0.86
R-KNC-6/32/500	32	Full Round	Smooth	Electro galvanised	Up to 4 microns	55 - 60	10	500	1	0.97
R-KNC-6/38/500	38	Full Round	Smooth	Electro galvanised	Up to 4 microns	55 - 60	10	500	1	1.12

R-KSC

PLASTIC COLLATED PINS FOR STEEL WITH FUEL CELLS

Smooth shank galvanised pins for steel applications

CERTIFICATE

- ITB-KOT-2019/1111

FEATURES AND BENEFITS

- The stepped shank nail tip increases performance in steel. This special design influences how well a nail is able to penetrate the substrate
- Stepped shank, hardness of 57 - 60 HRC and great ductility to bend provides nails to be driven successfully even in hard material
- Plastic collation provides protection from deterioration by weather conditions or high humidity
- Compatible with leading manufactures tools present on the marketplace
- Full round head for a secure fixing with the highest perfomance acheived

APPLICATIONS

- Fixing steel or aluminium profiles into concrete in drywall systems
- Fixing electrical boxes, sanitary ware, cable trunking, etc.
- Cable conduits and wires installation

CORRESPONDING PRODUCTS

- R-SC40II Gas powered steel and concrete nailer
- plastic and metal clips

BASE MATERIALS

- Structural steel

Also suitable for (after site testing):

- Concrete
- Concrete block
- Cracked concrete

Rawlplug code	Length	Head type	Shank type	Finish	Protection	Shank hardness [Hrc]	Fasteners per strip	Carton quantity	Fuel cells per carton	Box Weight
	mm						[pcs]	[pcs]	[pcs]	kg
R-KSC-6/15/500	15	Full Round	step	Electro galvanised	Up to 4 microns	57 - 60	10	500	1	0.58
R-KSC-6/17/500	17	Full Round	step	Electro galvanised	Up to 4 microns	57 - 60	10	500	1	0.63
R-KSC-6/19/500	19	Full Round	step	Electro galvanised	Up to 4 microns	57 - 60	10	500	1	0.68

G A S A C T U A T E D T O O L S

R-WW90II GAS POWERED FRAMING NAILER

Increased energy 104 J ensures **best** performance parameters in all base materials and applications

Modified tool design, easier cleaning and maintenance, with **minimised** failure rate

Lithium-ion battery. Up to 8000 fixings per charge - double the efficiency

Keyless depth adjustment convenient, reliable and **accurate** fixing

Improved design and ergonomics less fatigue and great **user experience**

Convenient rafter hook ensures high **user comfort**

Fast 2min charging+200 fixings

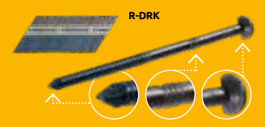
No mark nose protective cap. Protects wood surface against damage and **minimises** material loss

STEP 1 SELECT USE CONDITIONS

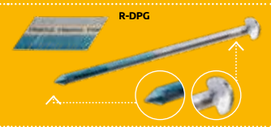
TYPE OF INSTALLATION	APPLICATIONS	
EXTERNAL USE exposed to weather conditions	• arbours • fences • decking	GALVANIZED
INTERNAL USE hidden from weather conditions	• roof construction (battens and sheating) • timber framing	BRIGHT

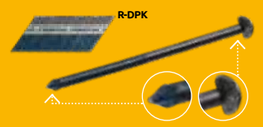
STEP 1 SELECT PULL OUT FORCE

HIGH PULL OUT FORCE — RING SHANK



LOW PULL OUT FORCE — SMOOTH SHANK





R-WW90II GAS POWERED FRAMING NAILER

High performance gas powered framing nailer for timber framing and roofing applications

FEATURES AND BENEFITS

- Nails range from 50mm to 90mm provides wide range of application
- Lithium technology alongside with energy saving features ensures high capacity and performance of the system
- Compact and ergonomic design allows the operator to achieve great accessibility and freedom of operation
- Low failure rate provides low runnig cost of the system
- Rear loading magazine with a capacity of 60 nails. Quick and simple to load thanks to one hand operation feeder spring. A safety clip at the rear prevents the nails from falling out and ensures safe reloading
- Retractable rafter hook ensures safe storage of the tool when not in use. Can also be hung from a tool belt for complete maneuverability
- Simplified depth adjustment design provides the end user with easy but accurate depth of drive control.
- Sequential firing mode for operators safety and fixing precision
- Removable no mark nose for protecting the timber surface. Especially important when securing timber cladding or façades
- Tool free depth adjustment. The operator can easily adjust the depth that the nail is driven into timber to produce a precise fixing

CORRESPONDING PRODUCTS

- R-GP6
- R-DRG-V paper collated nails
- R-DPG-V paper collated nails
- R-DRK-V paper collated nails
- R-DPK-V paper collated nails
- R-KIT-WW90/SC40

CERTIFICATE

BASE MATERIALS

- Timber
- Chipboard
- Plywood
- Wood

APPLICATIONS

- Timber frame stud work in timber framing industry
- Installation of battens and sheating in roof construction
- Manufacturing of timber standarised structure like Timber frame houses or roof elements
- Installation of soffits and other roof finishing elements
- Installation of wooden façades and other external trim
- Installation of timber flooring and terraces

SET INCLUDES

- R-WW90II gas powered nailer
- 2.5 Ah 7.2 V Li-Ion battery
- Power adapter
- Charger
- Operation manual
- Safety goggles and hearing protectors

The package contains

- Cleaning set

Rawlplug code	Type of packaging / batteries	Fastener length range	Fuel cell type	Magazine capacity	Shots per charge	Weight
		[mm]		[nails]		[kg]
R-WW90II-XS	cardboard packaging without batteries	50-90	R-GP6	60	8000	3.5
R-WW90II-XS1	cardboard packaging - 1 battery	50-90	R-GP6	60	8000	3.7
R-WW90II-XL1	Rawlcase packaging- 1 battery	50-90	R-GP6	60	8000	5.2
R-WW90II-XL2	Rawlcase packaging- 2 battery	50-90	R-GP6	60	8000	5.9

R-BAT-07 BATTERY 7,2V LI-ION FOR SC40II AND WW90II

7.2V Li-Ion battery for fast charging and the highest energy density

FEATURES AND BENEFITS

- Modern lithium-ion technology ensures high efficiency of the battery
- Fast charging reduces downtime during operation
- The use of one type of battery for several devices increases the convenience of use and reduces costs
- The electronic system for deep discharge protection allows you to extend the battery life

CORRESPONDING PRODUCTS

- R-SC40II Gas powered steel and concrete nailer
- R-WW90II Gas powered framing nailer

APPLICATIONS

- Designed to power Rawlplug series power tools
- Designed for use with Rawlplug series chargers

Rawlplug code	Battery capacity	Battery voltage	Carton quantity	Box weight	Outer weight
	[]	[V]	[pcs]	[kg]	[kg]
R-BAT-072501	2.5	7.2	1	0.30	9.60
R-BAT-073001	3.0	7.2	1	0.45	14.40

R-CHR-072001

BATTERY CHARGER SC40II WW90II 7,2V-8,4V

Intended for use with Rawlplug series batteries

FEATURES AND BENEFITS

- Fast charging reduces downtime during operation
- The use of one type of battery and charger for several devices increases the convenience of use and reduces costs
- The electronic stabilization of the charging process allows to extend the battery life

CORRESPONDING PRODUCTS

- R-SC40II Gas powered steel and concrete nailer
- R-WW90II Gas powered framing nailer

APPLICATIONS

- Intended for use with Rawlplug series batteries

Rawlplug code	Battery capacity	Weight	Carton quantity	Box weight	Outer weight	EAN
	[Ah]	[g]	[pcs]	[kg]	[kg]	
R-CHR-072001	7.2-8.4	380	1	0.35	5.60	5906675488103

R-RAWL-GMC38

GAS POWERED JOIST HANGER NAILER

Efficient and durable gas powered metal connectors nailer

FEATURES AND BENEFITS

- Nail range from 35 to 60mm provides broad range of applications
- Sequential firing mode for operators safety and fixing precision
- Nose with probe mechanism tip locates in the pre-drilled hole for a precise and quick fixing. Easy to operate even in limited access areas
- Capable of accepting both paper and plastic collated nails for freedom of choice
- Rear loading magazine with a capacity of 60 nails. Quick and simple to load thanks to one hand operation feeder spring. A safety clip at the rear prevents the nails from falling out and ensures safe reloading

CORRESPONDING PRODUCTS

- R-RAWL-GP1
- R-HDGT paper collated nails
- R-KIT-WW90/SC40

CERTIFICATE

BASE MATERIALS

- Timber
- Oriented Strand Board
- Plywood
- Wood

APPLICATIONS

- Installation of all types of metal connectors
- Installation of truss supports and angled joints
- Installation of perforated steel tapes

SET INCLUDES

- R-RAWL-GMC38 Gas powered joist hanger nailer
- 2 batteries
- Charger base
- AC power supply cable
- Operating and Safety manual

Rawlplug code	Fastener type	Fuel cell type	Magazine capacity	Battery charge	Shots per charge	Noise level	Weight	Dimensions	Fastener length range	Substrate	Box Weight	Outer Weight
			[nail]	[h]		[dB]	[kg]	[mm]	[mm]		[kg]	[kg]
R-RAWL-GMC38	34° paper laminated	GP1	30	2	4000	94	3.8	355x108x393	35 - 60	Timber	11.00	22.00

R-RAWL-A2064

GAS POWERED SECOND FIX NAILER

Gas powered angled brad nailer for all second fix applications

FEATURES AND BENEFITS

- 16 gauge Brad range from 32mm to 64mm for broad range of applications
- Tool free depth adjustment. The operator can easily adjust the depth that the nail is driven into timber to produce a precise fixing
- Quick release mechanism for clearing obstructions and jams without the use of any tools. Allows also to perform simple maintenance
- Removable no mark nose for protecting the timber surface. Especially important in all second fix applications in which undamaged elements will be visible. A spare nose tip cover is stored on the back of the magazine
- LED display for monitoring battery status and preventing battery depletion

CORRESPONDING PRODUCTS

- BRADS20 angled brad nails
- R-GP4
- R-KIT-WW90/SC40

CERTIFICATE

BASE MATERIALS

- Timber
- Plywood
- Chipboard
- Wood

APPLICATIONS

- Installation of wooden façades
- Installation of soffits and other roof finishing elements
- Installation of skirting, architraves and other internal trim
- Manufacturing of furniture, wooden packaging and timber trim

SET INCLUDES

- R-RAWL-A2064 gas powered brad nailer
- 2 batteries
- Charger base
- AC power supply cable
- Operating and Safety manual

Rawlplug code	Fastener length range	Fastener type	Substrate	Dimensions	Fuel cell type	Weight	Magazine capacity	Battery charge	Shots per charge	Noise level	Box Weight	Outer Weight
	[mm]			[mm]		[kg]	[nail]	[h]		[dB]	[kg]	[kg]
R-RAWL-A2064	32 - 64	16 gauge angled brad	Timber	320x280x86	GP4	2.15	100	2	4500	92	5.06	10.12

R-RAWL-B1664

GAS POWERED SECOND FIX NAILER

Gas powered straight brad nailer for all second fix applications

FEATURES AND BENEFITS

- 16 gauge Brad range from 19mm to 64mm
- Tool free depth adjustment. The operator can easily adjust the depth that the nail is driven into timber to produce a precise fixing
- Quick release mechanism for clearing obstructions and jams without the use of any tools. Allows also to perform simple maintenance
- Removable no mark nose for protecting the timber surface. Especially important in all second fix applications in which undamaged elements will be visible. A spare nose tip cover is stored on the back of the magazine
- LED display for monitoring battery status and preventing battery depletion

CORRESPONDING PRODUCTS

- Straight brad nails
- R-GP4
- R-KIT-WW90/SC40

CERTIFICATE

BASE MATERIALS

- Timber
- Plywood
- Chipboard
- Wood

APPLICATIONS

- Installation of wooden façades
- Installation of soffits and other roof finishing elements
- Installation of skirting boards and architraves
- Manufacturing of furniture, wooden packaging and timber trim

SET INCLUDES

- R-RAWL-B1664 Straight brad nailer
- 2 batteries
- Charger base
- AC power supply cable
- Operating and Safety manual

Rawlplug code	Fastener length range	Fastener type	Substrate	Dimensions	Fuel cell type	Weight	Magazine capacity	Battery charge	Shots per charge	Noise level	Box Weight	Outer Weight
	[mm]			[mm]		[kg]	[nail]	[h]		[dB]	[kg]	[kg]
R-RAWL-B1664	19 - 64	16 gauge straight brad	Timber	315x274x86	GP4	2.15	100	2	4500	92	5.06	10.12

CONSUMABLES FOR GAS ACTUATED TOOLS

FUEL CELLS, NAILS & BRADS

Synthetic oil content ensures trouble-free and long-lasting machine operation

Resistance of the gas to a wide temperature range from +5°C to +35°C allows you to extend the working season of installation works

Rawlplug's unique high-energy gas mix provides the highest single-shot energy, allowing you to nail in the 50-90mm range in the hard wood

Propane-butane of the **highest purity class** prevents the formation of dirt in the machine and prolongs trouble-free operation of the nailer

Waxed paper prevents the tape from soaking up and being damaged in difficult weather conditions

Precise nail connection is a guarantee of no jams and failures during operation

Special blue Rawlplug coating ensures easier nail insertion and greater pull-out strength

R-GP6 FUEL CELL FOR USE IN R-WW90II

NEW

Fuell cell with green ring around valve for use with WW90II gas powered nailer

FEATURES AND BENEFITS

- Clean Propane & Butane mixture reduces carbon residue
- High quality propellant for increased performance
- Contains a fully synthetic oil for lubricating the tool
- Functions from +5°C to +35°C to elongate the work site capability of the system
- Compatible with leading manufactures tools

APPLICATIONS

- Powering gas powered timber framing nailers

CORRESPONDING PRODUCTS

- Gas powered framing nailer R-WW90II

Rawlplug code	Fuel type	Lubrication	Volume	Weight	Operating temperatures	Efficiency
			[ml]	[g]	[°C]	[shots]
R-GP6	Propane & Butane	Sintetic Oil	165	40	from +5 to +35	min.1000

R-GP4 / R-RAWL-GP1 FUEL CELL

NEW

Fuel cell x2 for use in R-RAWL-A2064 or R-RAWL-B1664 second fix nailers

FEATURES AND BENEFITS

- Clean Propane & Butane mixiture reduces carbon residue
- High quality propellant for increased performance
- Contains a fully synthetic oil for lubricating the tool
- Functions from +5°C to +35°C to elongate the work site capability of the system
- Manufactured in accordance with European Regulations
- Compatible with leading manufactures tools

APPLICATIONS

- Powering gas powered second fixt timber brad nailers

CORRESPONDING PRODUCTS

R-GP4 is recommended for:

- R-RAWL-A2064 Gas powered second fix nailer
- R-RAWL-B1664 Gas powered second fix nailer

SP-RAWL-GP1 is recommended for:

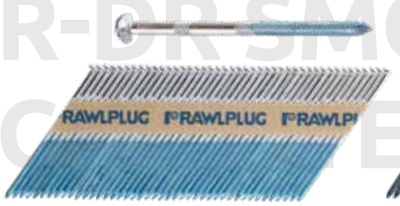
- R-RAWL-WW90CH

Rawlplug code	Fuel type	Lubrication	Volume	Weight	Operating temperatures	Efficiency
			[ml]	[kg]	[°C]	[shots]
R-GP4	Propane & Butane	Yes	100	20	from +5 to +35	min. 1000 shots
R-RAWL-GP1	Propane & Butane	Yes	165	40	from +5 to +35	min. 1000

RING SHANK PAPER COLLATED NAILS

WITH FUEL CELLS

Ring shank nails for timber framing, roofing and other timber applications



GALVANIZED

BRIGHT

RING | FULL HEAD | CLIPPED HEAD | GALVANIZED | BRIGHT

FEATURES AND BENEFITS

- A wide variety of combinations of nail coatings and finishes allows everyone to find the right solution for a particular application
- Full head design increases pull-through capacity
- 34° angle collation ensures the nail is compatible with all leading manufactures tools
- Special coating at the base of the shank improves the drive of the nail and ensures a secure fixing
- Diamond point prevents the timber from splitting
- Waxed paper collation avoids deterioration in wet conditions
- Paper tape collation ensures that no collating material is left on the work site
- Minimum of 10 microns zinc coating provides great corrosion protection
- Packed with green ring valve for R-WW90II

APPLICATIONS

- Timber frame stud work in timber framing industry
- Installation of battens and sheating in roof construction
- Installation of soffits and other roof finishing elements
- Installation of wooden façades
- Installation of timber flooring and terraces
- Manufacturing of timber standarised structure like timber frame houses or roof elements

BASE MATERIALS

- Timber
- Plywood
- Chipboard
- Wood

CERTIFICATE

CE

CORRESPONDING PRODUCTS

- Gas powered framing nailer R-WW90II

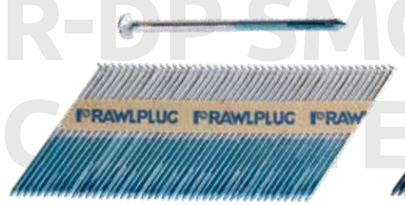
Rawlplug code		Fastener diameter	Length	Shank type	Finish	Protection	Fasteners per strip	Carton quantity	Suitable for use with	Fuel cells per carton		Box weight
										Gas	Quantity per carton	
Clipped head	Full head	[mm]	[mm]			microns		[pcs]		[pcs]	[pcs]	[kg]
R-DRG-V Ring collated nails with fuel and two type of valves in box - galvanised												
R-DRG-2851-V	R-FRG-2851*	2.8	51	Ring	Silver Galvanised	Minimum 10µm	44	3300	R-WW90II/R-RAWL-90CH	GP6	3	9.13
R-DRG-2863-V	R-FRG-2863*	2.8	63	Ring	Silver Galvanised	Minimum 10µm	44	3300	R-WW90II/R-RAWL-90CH	GP6	3	11.14
R-DRG-2870-V	R-FRG-2870*	2.8	70	Ring	Silver Galvanised	Minimum 10µm	44	3300	R-WW90II/R-RAWL-90CH	GP6	3	12.12
R-DRG-2875-V	R-FRG-2875*	2.8	75	Ring	Silver Galvanised	Minimum 10µm	44	3300	R-WW90II/R-RAWL-90CH	GP6	3	12.88
R-DRG-3163-V	R-FRG-3163*	3.1	63	Ring	Silver Galvanised	Minimum 10µm	44	3300	R-WW90II/R-RAWL-90CH	GP6	3	8.99
R-DRG-3175-V	R-FRG-3175*	3.1	75	Ring	Silver Galvanised	Minimum 10µm	44	2200	R-WW90II/R-RAWL-90CH	GP6	2	10.42
R-DRG-3190-V	R-FRG-3190*	3.1	90	Ring	Silver Galvanised	Minimum 10µm	44	2200	R-WW90II/R-RAWL-90CH	GP6	2	12.71
R-DRK-V Ring collated nails with fuel and two type of valves in box - bright												
R-DRK-2851-V	R-FRK-2851*	2.8	51	Ring	Bright	-	44	3300	R-WW90II/R-RAWL-90CH	GP6	3	9.26
R-DRK-2863-V	R-FRK-2863*	2.8	63	Ring	Bright	-	44	3300	R-WW90II/R-RAWL-90CH	GP6	3	11.15
R-DRK-2870-V	R-FRK-2870*	2.8	70	Ring	Bright	-	44	3300	R-WW90II/R-RAWL-90CH	GP6	3	12.09
R-DRK-2875-V	R-FRK-2875*	2.8	70	Ring	Bright	-	44	3300	R-WW90II/R-RAWL-90CH	GP6	3	12.98
R-DRK-3163-V	R-FRK-3163*	3.1	63	Ring	Bright	-	44	3300	R-WW90II/R-RAWL-90CH	GP6	3	13.34
R-DRK-3175-V	R-FRK-3175*	3.1	75	Ring	Bright	-	44	2200	R-WW90II/R-RAWL-90CH	GP6	2	10.33
R-DRK-3190-V	R-FRK-3190*	3.1	90	Ring	Bright	-	44	2200	R-WW90II/R-RAWL-90CH	GP6	2	12.27

* Suitable for use with R-WW90II only.

SMOOTH SHANK PAPER COLLATED NAILS

WITH FUEL CELLS

Smooth shank nails for timber framing, roofing and other timber applications



GALVANIZED

BRIGHT

SMOOTH | FULL HEAD | CLIPPED HEAD | GALVANIZED | BRIGHT

FEATURES AND BENEFITS

- A wide variety of combinations of nail coatings and finishes allows everyone to find the right solution for application
- Full head design increases pull-through capacity
- 34° angle collation ensures the nail is compatible with all leading manufactures tools
- Special coating at the base of the shank improves the drive of the nail and ensures a secure fixing
- Diamond point prevents the timber from splitting
- Waxed paper collation avoids deterioration in wet conditions
- Paper tape collation ensures that no collating material is left on the work site
- Packed with green ring valve for R-WW90II

APPLICATIONS

- Timber frame stud work in timber framing industry
- Installation of battens and sheating in roof construction
- Installation of soffits and other roof finishing elements
- Installation of wooden façades
- Installation of timber flooring and terraces
- Manufacturing of timber standa-rised structure like Timber frame houses or roof elements

BASE MATERIALS

- Timber
- Plywood
- Chipboard
- Wood

CERTIFICATE

CE

CORRESPONDING PRODUCTS

- Gas powered framing nailer R-WW90II

Rawlplug code		Fastener diameter	Length	Shank type	Finish	Protection	Fasteners per strip	Carton quantity	Suitable for use with	Fuel cells per carton		Box weight
										Gas	Quantity per carton	
Clipped head	Full head	[mm]	[mm]			microns		[pcs]		[pcs]	[pcs]	[kg]
R-DPG-V Smooth collated nails with fuel and two type of valves in box - galvanised												
R-DPG-2863-V	R-FPG-2863*	2.8	63	Smooth	Silver Galvanised	Minimum 10µm	44	3300	R-WW90II/R-RAWL-90CH	GP6	3	11.58
R-DPG-3163-V	R-FPG-3163*	3.1	63	Smooth	Silver Galvanised	Minimum 10µm	44	3300	R-WW90II/R-RAWL-90CH	GP6	3	13.38
R-DPG-3175-V	R-FPG-3175*	3.1	75	Smooth	Silver Galvanised	Minimum 10µm	44	2200	R-WW90II/R-RAWL-90CH	GP6	2	10.61
R-DPG-3190-V	R-FPG-3190*	3.1	90	Smooth	Silver Galvanised	Minimum 10µm	44	2200	R-WW90II/R-RAWL-90CH	GP6	2	12.35
R-DPK-V Smooth collated nails with fuel and two type of valves in box - bright												
R-DPK-2851-V	R-FPK-2851*	2.8	51	Smooth	Bright	-	44	3300	R-WW90II/R-RAWL-90CH	GP6	3	9.56
R-DPK-2863-V	R-FPK-2863*	2.8	63	Smooth	Bright	-	44	3300	R-WW90II/R-RAWL-90CH	GP6	3	11.47
R-DPK-2870-V	R-FPK-2870*	2.8	70	Smooth	Bright	-	44	3300	R-WW90II/R-RAWL-90CH	GP6	3	12.48
R-DPK-2875-V	R-FPK-2875*	2.8	75	Smooth	Bright	-	44	3300	R-WW90II/R-RAWL-90CH	GP6	3	13.20
R-DPK-3163-V	R-FPK-3163*	3.1	63	Smooth	Bright	-	44	3300	R-WW90II/R-RAWL-90CH	GP6	3	13.25
R-DPK-3175-V	R-FPK-3175*	3.1	75	Smooth	Bright	-	44	2200	R-WW90II/R-RAWL-90CH	GP6	2	10.34
R-DPK-3190-V	R-FPK-3190*	3.1	90	Smooth	Bright	-	44	2200	R-WW90II/R-RAWL-90CH	GP6	2	12.38

* Suitable for use with R-WW90II only.

R-HDGT-3838 PAPER COLLATED JOIST HANGER NAILS

Twist shank galvanised nails for metal connector applications

CERTIFICATE

CE

FEATURES AND BENEFITS

- 34° angle collation with a clipped head ensures the nail is compatible with all leading manufactures tools
- Waxed paper collation avoids deterioration in wet conditions
- Paper tape collation ensures that no collating material is left on the work site
- Diamond point prevents the timber from splitting
- Twisted shank eases driving the nail into timber and provides better performance
- Full round head provides a secure fixing and high pull through value
- Tapered shank at the nail head provides tight fitting of the metal connector

APPLICATIONS

- Fixing all types of metal wood conectors

CORRESPONDING PRODUCTS

- R-RAWL-GMC38 Gas powered joist hanger nailer

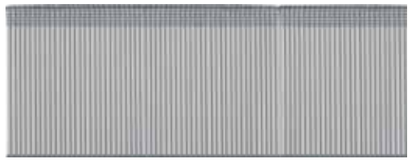
BASE MATERIALS

- Timber
- Plywood
- Wood
- Chipboard

Rawlplug code	Fastener diameter [mm]	Length [mm]	Head type	Head diameter [mm]	Shank type	Finish	Collation	Carton quantity [pcs]	Pallet quantity	Box Weight [kg]
R-HDGT-3838	3.8	38	Full Round	8.5	Twist	Hot Dip Galvanised	Paper collated	2200	50	3.44

STRAIGHT BRAD NAILS

16 gauge straight brad nails for all second fix applications



FEATURES AND BENEFITS

- Smooth nail shank for low penetration resistance
- Chisel point to prevent timber from splitting
- T type head provides a concealed fixing
- The glue laminated collation ensures a lack of residue in the tool and on the work surface
- Available in galvanised or stainless steel for higher corrosion protection
- Compatible with all leading manufactures 16ga tools

APPLICATIONS

- Installation of woodan façades and other external trim applications
- Installation of soffits and other roof finishing elements
- Installation of timber decorative elements on façades and other timber structures

CORRESPONDING PRODUCTS

- Gas powered second fix nailer R-RAWL-B1664

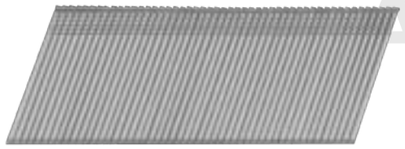
BASE MATERIALS

- Timber
- Plywood
- Chipboard
- Wood

Rawlplug code	Gauge	Length [mm]	Finish	Collation	Fasteners per strip [pcs]	Carton quantity [pcs]	Fuel cells per carton [pcs]	Box Weight [kg]
BRADS1619	16 Gauge	19	Galvanised	0° glue laminated	50	2000	2	0.78
BRADS1625	16 Gauge	25	Galvanised	0° glue laminated	50	2000	2	0.94
BRADS1625SS	16 Gauge	25	Stainless Steel	0° glue laminated	50	2000	2	0.94
BRADS1632	16 Gauge	32	Galvanised	0° glue laminated	50	2000	2	1.14
BRADS1638	16 Gauge	38	Galvanised	0° glue laminated	50	2000	2	1.30
BRADS1638SS	16 Gauge	38	Stainless Steel	0° glue laminated	50	2000	2	1.32
BRADS1645	16 Gauge	45	Galvanised	0° glue laminated	50	2000	2	1.50
BRADS1650	16 Gauge	50	Galvanised	0° glue laminated	50	2000	2	1.63
BRADS1650SS	16 Gauge	50	Stainless Steel	0° glue laminated	50	2000	2	1.68
BRADS1664	16 Gauge	64	Galvanised	0° glue laminated	50	2000	2	2.04

ANGLED BRAD NAILS

16 gauge angled brad nails for all second fix applications



FEATURES AND BENEFITS

- Smooth nail shank for low penetration resistance
- Chisel point to prevent timber from splitting
- T type head provides a concealed fixing
- The glue laminated collation ensures a lack of residue in the tool and on the work surface
- Available in galvanised or stainless steel for higher corrosion protection
- Compatible with all leading manufactures 16ga tools

APPLICATIONS

- Installation of woodan façades and other external trim applications
- Installation of soffits and other roof finishing elements
- Installation of timber decorative elements on façades and other timber structures

CORRESPONDING PRODUCTS

- Gas powered second fix nailer R-RAWL-A2064
- Gas powered second fix nailer R-RAWL-B1664

BASE MATERIALS

- Timber
- Plywood
- Chipboard
- Wood

Rawlplug code	Gauge	Length mm	Finish	Collation	Fasteners per strip [pcs]	Carton quantity [pcs]	Fuel cells per carton [pcs]	Box Weight [kg]
BRADS2032	16 Gauge	32	Galvanised	20° glue laminated	50	2000	2	0.3
BRADS2038	16 Gauge	38	Galvanised	20° glue laminated	50	2000	2	0.3
BRADS2045	16 Gauge	45	Galvanised	20° glue laminated	50	2000	2	0.4
BRADS2050	16 Gauge	50	Galvanised	20° glue laminated	50	2000	2	0.4
BRADS2050SS	16 Gauge	50	Stainless Steel	20° glue laminated	50	2000	2	0.5
BRADS2064	16 Gauge	64	Galvanised	20° glue laminated	50	2000	2	0.5

PAPER STRIP NAILERS & COIL NAILERS

PNEUMATIC ACTUATED TOOLS

Pneumatic coil nailer

Magazine capacity of up to 400 nails provides less time needed for reloading

Pneumatic plastic strip nailer

Simplicity of tool design ensures low maintenance and high reliability

PNEUMATIC ACTUATED TOOLS
HIGH POWER AND DURABILITY WITH LIMITED MOBILITY

PNEUMATIC SOLUTIONS

PNEUMATIC COIL NAILER

Best for:
- manufacturing pallets,
- wooden packaging,
- all timber applications

Wire collated nails R-GDP

PNEUMATIC STRIP NAILERS

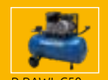
Paper collated nails SPG-DR/SPG/DP

RING	SMOOTH
SPG-DRG (GALVANIZED)	SPG-DPG (GALVANIZED)
SPG-DRK (BRIGHT)	SPG-DPK (BRIGHT)

Plastic collated nails R-GPG

OIL LUBRICATED COMPRESSOR

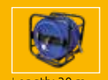
MAXIMUM PREASSURE **8 BAR**



R-RAWL-C50

R-RAWL-C24

HOSE REEL



Length: 30 m

MAXIMUM PREASSURE **10 BAR**

R-RAWL-C20-PRO

R-RAWL-C50

R-RAWL-C100-P

R-RAWL-PN-3490 PNEUMATIC FRAMING NAILER

Pneumatic paper strip nailer for timber framing, roofing and other timber applications

FEATURES AND BENEFITS

- Nail range from 50mm to 90mm for wide range of applications
- Adjustable exhaust port is an improtant safety feature when operating in areas where other persons amy be affected by the exhausted air and particles
- Depth of drive adjustment provides fine tuning installation depth in an type of substrate material and application
- Removable no mark nose for protecting the timber surface. Especially important when securing timber cladding or façades
- More powerfull than gas powered equivalent of the same specification. Up to 10% more power ensures outstanding performance in all applications and timber types

CORRESPONDING PRODUCTS

- SPG-DPK paper collated nails without fuel cells
- SPG-DRG paper collated nails without fuel cells
- SPG-DRK paper collated nails without fuel cells

CERTIFICATE

CE

BASE MATERIALS

- Timber
- Plywood
- Chipboard
- Wood

APPLICATIONS

- Timber frame stud work in timber framing industry
- Installation of battens and sheating in roof construction
- Installation of wooden façades
- Installation of timber flooring and terraces

SET INCLUDES

- R-RAWL-PN-3490 Pneumatic framing nailer
- Spare gasket set
- Operating and Safety manual
- Safety glasses and ear plugs
- Case

Rawlplug code	Power source	Magazine type	Magazine capacity	Magazine angle	Weight	Fastener diameter range	Fastener length range	Noise level	Maximum pressure	Operating pressure	Fastener type	Dimensions	Box Weight	Outer Weight
			[nail]	[degree]	[kg]	[mm]	[mm]	[dB]	[bar]	[bar]		[mm]	[kg]	[kg]
R-RAWL-PN-3490	Pneumatic	Strip	88	34	3.8	2.8 - 3.4	50 - 90	94	8	5-7	D head nail	420x125x370	7.19	14.37

R-RAWL-PNP-130 PNEUMATIC FRAMING NAILER

Pneumatic plastic strip nailer for timber framing, roofing and other timber applications

FEATURES AND BENEFITS

- Nail range from 90mm to 130 mm widens the range of typical applications
- Removable no mark nose for protecting the timber surface. Especially important when securing timber cladding or façades
- Magazine capacity of 50 nails provides less time needed for reloading
- Adjustable exhaust port is an improtant safety feature when operating in areas where other persons amy be affected by the exhausted air and particles
- Depth adjustment allows the operator to easily adjust the deptj that the nail is driven into timber to produce a precise and secure fixing
- Simplicity of tool design ensures low maintenance and high reliability

CORRESPONDING PRODUCTS

- R-GPG plastic collated nails
- R-RAWL-C50 or C50-10 Oil lubricated compressor
- R-RAWL-C100-P Oil lubricated compressor

CERTIFICATE

CE

BASE MATERIALS

- Timber
- Plywood
- Chipboard
- Wood

APPLICATIONS

- Timber frame stud work in timber framing industry
- Installation of battens and sheating in roof construction
- Installation of wooden façades
- Manufacturing of timber standarised structure like Timber frame houses or roof elements

SET INCLUDES

- R-RAWL-PNP-130 Pneumatic framing nailer
- Spare gasket set
- Operating and Safety manual
- Safety glasses

Rawlplug code	Power source	Magazine type	Magazine capacity	Magazine angle	Weight	Fastener diameter range	Fastener length range	Noise level	Maximum pressure	Operating pressure	Box Weight	Outer Weight
			[nail]	[degree]	[kg]	[mm]	[mm]	[dB]	[bar]	[bar]	[kg]	[kg]
R-RAWL-PNP-130	Pneumatic	Strip	50	21	5.6	3.3 - 4.2	90 - 130	94	9	5-7	7.92	7.92

R-RAWL-PMC-38 PNEUMATIC JOIST HANGER NAILER

Compact pneumatic positive placement nailer for quick installation of metal connectors

FEATURES AND BENEFITS

- Compatible with all 38 twist shank nails present on the market for freedom of choice
- Nose tip with probe mechanism locates the tool in the pre drilled hole for a precise and quick fixing. Easy to operate even in areas with limited access
- Extremely lightweight and manouverable which is an advantege when operating in areas with limited access
- Reduced risk of hand injury thanks to low recoil and low weight
- Magazine capacity 30 nails enables to limit the time needed for reloading
- Rotary belt hook provides safety and comfort during daily operation
- 360 degree rotary air connector allows for great accessibility in tight spaces

CORRESPONDING PRODUCTS

- R-DPCG paper collated nails
- R-RAWL-C24 Oil lubricated compressor
- R-RAWL-C50 Oil lubricated compressor

CERTIFICATE

CE

BASE MATERIALS

- Timber
- Wood

APPLICATIONS

- Installation of all types of metal connectors
- Installation of truss supports and angled joints
- Installation of perforated steel tapes

SET INCLUDES

- R-RAWL-PMC-38 Pneumatic positive placement nailer
- Spare gasket set
- Operating and Safety manual
- Safety glasses and ear plugs
- Case

Rawlplug code	Power source	Magazine type	Magazine capacity	Magazine angle	Weight	Fastener diameter range	Fastener length range	Noise level	Maximum pressure	Operating pressure	Box Weight	Outer Weight
			[nail]	[degree]	[kg]	[mm]	[mm]	[dB]	[bar]	[bar]	[kg]	[kg]
R-RAWL-PMC-38	Pneumatic	Strip	29	34	2.5	3.3 - 4.1	38	94	8	5-7	4.64	23.19

R-RAWL-PN PNEUMATIC COIL NAILER

Pneumatic coil nailer for manufacturing pallets, wooden packaging and othe timber product

FEATURES AND BENEFITS

- Nail range from 25mm to 57mm widens the range of typical applications
- Adjustable exhaust port is an improtant safety feature when operating in areas where other persons amy be affected by the exhausted air and particles
- Ergonomic design and well balanace for higher comfort of daily use and reduced risk of injury
- Nail cover from magazine to nose for safety of operation
- Very low recoil value provides great improvement in operators comfort of using the tool
- Magazine capacity up to 400 nails significantly reduces reload time

CORRESPONDING PRODUCTS

- R-GDP wire collated nails
- R-RAWL-C24 Oil lubricated compressor
- R-RAWL-C50 Oil lubricated compressor

CERTIFICATE

CE

BASE MATERIALS

- Timber
- Plywood
- Chipboard
- Wood

APPLICATIONS

- Manufacturing pallets, packaging and external trim
- Installation of timber flooring and terraces

SET INCLUDES

- R-RAWL-PN-57 Pneumatic coil nailer
- Spare gasket set
- Operating and Safety manual
- Safety glasses

Rawlplug code	Power source	Magazine type	Magazine capacity	Magazine angle	Weight	Fastener diameter range	Fastener length range	Noise level	Maximum pressure	Operating pressure	Dimensions	Box Weight	Outer Weight
			[nail]	[degree]	[kg]	[mm]	[mm]	[dB]	[bar]	[bar]	[mm]	[kg]	[kg]
R-RAWL-PN-57	Pneumatic	Coil	300 - 400	16	2.5	2.1 - 2.3	25 - 57	94	8	5-7	285x135x285	3.63	18.14
R-RAWL-PN-70	Pneumatic	Coil	225 - 300	16	3.6	2.5 - 2.9	45 - 70	99	8	5-7	318x125x320	4.98	19.93
R-RAWL-PN-83	Pneumatic	Coil	225 - 300	16	3.7	2.5 - 3.3	50 - 83	101	8	5-7	349x129x313	5.38	21.54
R-RAWL-PN-90	Pneumatic	Coil	300 - 400	16	4.32	2.5 - 3.3	50 - 90	95.1	8	5 - 7	350x130x360	4.30	17.20

R-RAWL-PRN-45 PNEUMATIC ROOFING NAILER

Pneumatic coil nailer for manufacturing pallets, wooden packaging and othe timber product

FEATURES AND BENEFITS

- Nail range from 22mm to 45mm provides wide range of application
- Very low recoil value provides great improvement in operators comfort of using the tool
- Tool free depth adjustment. The operator can easily adjust the depth that the nail is driven into timber to produce a precise fixing
- Ergonomic design and well balanace for higher comfort of daily use and reduced risk of injury
- Extremely lightWeight and manouverable which is an advantege when operating in areas with limited access
- Guide plate ensures the perpendicularity of the tool against the roof surface

CORRESPONDING PRODUCTS

- R-RAWL-C50 Oil lubricated compressor
- R-RAWL-C50-10 oil lubricated air compressor

CERTIFICATE

CE

BASE MATERIALS

- Timber
- Plywood
- Wood
- Chipboard

APPLICATIONS

- Installation of felt roofing
- Installation of roofing foil and breather membranes

SET INCLUDES

- R-RAWL-PRN-45 Pneumatic roofing nailer
- Spare gasket set
- Operating and Safety manual
- Safety glasses

Rawlplug code	Power source	Magazine type	Magazine angle	Weight	Fastener diameter range	Fastener length range	Noise level	Maximum pressure	Operating pressure	Magazine capacity	Dimensions	Box Weight	Outer Weight
			[degree]	[kg]	[mm]	[mm]	[dB]	[bar]	[bar]	[nail]	[mm]	[kg]	[kg]
R-RAWL-PRN-45	Pneumatic	Coil	16	2.6	3.05	22 - 45	95.6	8	5-7	120	283x118x269	3.58	17.88

SPG-DPG PAPER COLLATED NAILS WITHOUT FUEL CELLS

Smooth shank galvanised nails for timber framing, roofing and other timber applications

FEATURES AND BENEFITS

- 34° angle collation with a clipped head ensures the nail is compatible with all leading manufactures tools
- Waxed paper collation avoids deterioration in wet conditions
- Paper tape collation ensures that no collating material is left on the work site
- Special coating at the base of the shank improves the drive of the nail and ensures a secure fixing
- Diamond point prevents the timber from splitting
- Minimum of 10 microns zinc coating provides great corrosion protection
- A wide variety of combinations of nail coatings and finishes allows everyone to find the right solution for a particular application

CORRESPONDING PRODUCTS

- R-RAWL-PN-3490

CERTIFICATE

CE

BASE MATERIALS

- Timber
- Plywood
- Chipboard
- Wood

APPLICATIONS

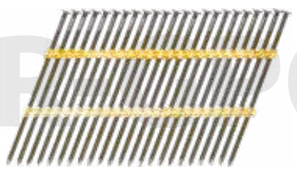
- Timber frame stud work in timber framing industry
- Installation of battens and sheating in roof construction
- Installation of soffits and other roof finishing elements
- Installation of wooden façades

SPG-DPG PAPER COLLATED NAILS WITHOUT FUEL CELLS

Rawlplug code	Fastener diameter [mm]	Length [mm]	Head type	Shank type	Finish	Protection microns	Fasteners per strip [pcs]	Carton quantity [pcs]	Box Weight [kg]	Outer Weight [kg]
SPG-DPG										
SPG-DPG-2875	2.8	75	Clipped head	Smooth	Silver Galvanised	Minimum 10µm	44	3300	28.71	28.71
SPG-DPG-3163	3.1	63	Clipped head	Smooth	Silver Galvanised	Minimum 10µm	44	3300	13.38	13.38
SPG-DPG-3175	3.1	75	Clipped head	Smooth	Silver Galvanised	Minimum 10µm	44	2200	10.61	10.61
SPG-DPG-3190	3.1	90	Clipped head	Smooth	Silver Galvanised	Minimum 10µm	44	2200	12.20	12.20
SPG-DPGH										
SPG-DPGH-3190	3.1	90	Clipped head	Smooth	Silver Galvanised	Minimum 10µm	44	1100	6.1	6.1
SPG-DPK										
SPG-DPK-2851	2.8	51	Clipped head	Smooth	Bright	-	44	3300	9.08	9.08
SPG-DPK-2863	2.8	63	Clipped head	Smooth	Bright	-	44	3300	11.09	11.09
SPG-DPK-2875	2.8	75	Clipped head	Smooth	Bright	-	44	3300	12.96	12.96
SPG-DPK-3175	3.1	75	Clipped head	Smooth	Bright	-	44	2200	10.27	10.27
SPG-DPK-3190	3.1	90	Clipped head	Smooth	Bright	-	44	2200	12.17	12.17
SPG-DRG										
SPG-DRG-2851	2.8	51	Clipped head	Ring	Silver Galvanised	Minimum 10µm	44	3300	8.74	8.74
SPG-DRG-2863	2.8	63	Clipped head	Ring	Silver Galvanised	Minimum 10µm	44	3300	10.77	10.77
SPG-DRG-3163	3.1	63	Clipped head	Ring	Silver Galvanised	Minimum 10µm	44	3300	18.68	18.68
SPG-DRG-2875	2.8	75	Clipped head	Ring	Silver Galvanised	Minimum 10µm	44	3300	12.71	12.71
SPG-DRG-3175	3.1	75	Clipped head	Ring	Silver Galvanised	Minimum 10µm	44	2200	10.27	10.27
SPG-DRG-3190	3.1	90	Clipped head	Ring	Silver Galvanised	Minimum 10µm	44	2200	12.22	12.22
SPG-DRK										
SPG-DRK-2851	2.8	51	Clipped head	Ring	Bright	-	44	3300	8.84	8.84
SPG-DRK-2863	2.8	63	Clipped head	Ring	Bright	-	44	3300	10.85	10.85
SPG-DRK-2875	2.8	70	Clipped head	Ring	Bright	-	44	3300	12.53	12.53
SPG-DRK-3163	3.1	63	Clipped head	Ring	Bright	-	44	2200	18.68	18.68
SPG-DRK-3175	3.1	75	Clipped head	Ring	Bright	-	44	2200	10.32	10.32
SPG-DRK-3190	3.1	90	Clipped head	Ring	Bright	-	44	2200	12.07	12.07

R-GPG PLASTIC COLLATED NAILS

Smooth shank bright nails for timber framing, roofing and other timber applications



FEATURES AND BENEFITS

- 21° degree collation angle ensures the nail is compatible with all leading manufacturers tools
- Plastic collation provides protection from deterioration by weather conditions or high humidity
- Full round head provides a secure fixing and high pull through value
- Diamond point prevents the timber from splitting

CORRESPONDING PRODUCTS

- R-RAWL-PNP-130
- R-RAWL-PN-3490
- R-RAWL-PMC-38

CERTIFICATE

CE

Rawlplug code	Fastener diameter [mm]	Length [mm]	Head type	Head diameter [mm]	Shank type	Finish	Collation	Carton quantity [pcs]	Pallet quantity	Box Weight [kg]	Outer Weight [kg]
R-GPG-38100	3.8	100	Full Round	8.5	Smooth	Bright	Plastic strip	1250	50	9.04	9.04
R-GPG-38120	3.8	120	Full Round	8.5	Smooth	Bright	Plastic strip	1250	50	13.69	13.69
R-GPG-38130	3.8	130	Full Round	8.5	Smooth	Bright	Plastic strip	1250	50	14.87	14.87
R-GPS-38100	3.8	100	Full Round	8.5	Twist	Bright	Plastic strip	1250	50	9.15	9.15
R-GPS-38120	3.8	120	Full Round	8.5	Twist	Bright	Plastic strip	1250	50	12.89	12.89
R-GPS-38130	3.8	130	Full Round	8.5	Twist	Bright	Plastic strip	1250	50	13.88	13.88

R-GDP WIRE COLLATED NAILS

Ring shank bright nails for timber framing, roofing and other timber applications

FEATURES AND BENEFITS

- 16° angle of collation ensures the nail is compatible with all leading manufacturers tools
- Full round head provides a secure fixing and high pull through value
- Diamond point prevents the timber from splitting

CORRESPONDING PRODUCTS

- R-RAWL-PN-57
- R-RAWL-PN-70
- R-RAWL-PN-83

CERTIFICATE

CE

BASE MATERIALS

Timber

- Wood
- Plywood
- Chipboard

APPLICATIONS

- Fencing & gates manufacturing and installation
- Wooden pallets and packaging manufacturing

Rawlplug code	Fastener diameter [mm]	Length [mm]	Head type	Head diameter [mm]	Shank type	Finish	Collation	Carton quantity [pcs]	Pallet quantity	Box Weight [kg]	Outer Weight [kg]
R-GDP-2132	2.1	32	Full round	6.1	Ring	Bright	Wire welded	16800	30	13.73	13.73
R-GDP-2138	2.1	38	Full round	6.1	Ring	Bright	Wire welded	12600	30	13.23	13.23
R-GDP-2155	2.1	55	Full round	6.1	Ring	Bright	Wire welded	10500	30	14.02	14.02
R-GDP-2555	2.5	55	Full round	6.1	Ring	Bright	Wire welded	9000	30	20.32	20.32
R-GDP-2560	2.5	60	Full round	6.1	Ring	Bright	Wire welded	7200	30	17.80	17.80
R-GDP-2570	2.5	70	Full round	6.1	Ring	Bright	Wire welded	7200	30	17.17	17.17
R-GDP-2880	2.8	80	Full round	7.5	Ring	Bright	Wire welded	4500	30	18.21	18.21
R-GDP-2880P	2.8	80	Full round	7.5	Ring	Bright	Wire welded	4500	135000	4.05	4.05
R-GDP-2890	2.8	90	Full round	7.5	Ring	Bright	Wire welded	4500	135000	4.50	4.50

R-RAWL-C100-P OIL LUBRICATED COMPRESSOR

100 litre portable air compressor tank for professional and industrial applications

10 BAR

FEATURES AND BENEFITS

- Best quality electronic components ensure stable working conditions and low operating cost
- Brushless motor with a power of 3 HP provides the best performance and low maintenance. Brushless technology is the most reliable drive type used in powe rtools and mobile equipment providing low damage risk and maintenance cost
- Oil lubricated pump with direct drive provides high performance and stable operation of the compressor
- Built in intake filter to avoid damage in transport and storage
- Robust wheels and additional rubber feet for better stability

CORRESPONDING PRODUCTS

- R-RAWL-PMC-38 Pneumatic joist hanger nailer
- R-RAWL-PN-3490 Pneumatic framing nailer
- R-RAWL-PN-57 Pneumatic coil nailer

CERTIFICATE

CE

APPLICATIONS

- Powering nailers, wrenches and other pneumatic tools
- Suitable for all applications requiring increased amount of compressed air
- Proffesional and industrial applications like powering torque wrenches or high power nailers

Rawlplug code	Air output [L/min]	Cord length [m]	Lubrication	Maximum pressure [bar]	Noise level [dB]	Operating pressure [bar]	Operating temperatures [°C]	Power [HP]	Tank size [L]	Box Weight [kg]	Outer Weight [kg]
R-RAWL-C100-P	360	3	Yes	10	95	5 - 7	0 - +35	3	100	66.00	66.00

R-RAWL-C20-PRO OIL LUBRICATED COMPRESSOR

Oil lubricated compressor R-RAWL-C20-PRO for demanding construction applications

10 BAR

FEATURES AND BENEFITS

- Best quality electronic components ensure stable working conditions and low operating cost
- Brushless motor with a power of 2,5 HP provides the best performance and low maintenance. Brushless technology is the most reliable drive type used in powe rtools and mobile equipment providing low damage risk and maintenance cost
- Oil lubricated pump with direct drive provides high performance and stable operation of the compressor
- Built in intake filter to avoid damage in transport and storage
- Robust wheels and additional rubber feet for better stability
- Stabile output air parameters thanks to tank pressure manometer and precise pressure adjust regulator
- Provides high efficiency thanks to durable 10 Bar max pressure pump and double standard 3/8" quick coupling
- High efficiency pump and durable design can be used to power more than one tool at the same time

CERTIFICATE

CE

APPLICATIONS

- Powering nailers, wrenches and other pneumatic tools
- Suitable for all applications requiring increased amount of compressed air
- Proffesional and industrial applications like powering torque wrenches or high power nailers

CORRESPONDING PRODUCTS

- R-RAWL-PMC-38 Pneumatic joist hanger nailer
- R-RAWL-PN-3490 Pneumatic framing nailer
- R-RAWL-PN-57 Pneumatic coil nailer
- R-RAWL-PN-70 Pneumatic coil nailer
- R-RAWL-PN-83 Pneumatic coil nailer
- R-RAWL-PN-90 Pneumatic coil nailer
- R-RAWL-PNP-130 Pneumatic framing nailer

Index	Air output	Cord length	Lubrication	Maximum pressure	Noise level	Operating pressure	Operating temperatures	Power	Tank size	Box Weight	Outer Weight
	[L/min]	[m]		[bar]	[dB]	[bar]	[°C]	[HP]	[L]	[kg]	[kg]
R-RAWL-C20-PRO	300	3	Yes	10	72	5-8	0 - +35	1,8	20	21.00	22.00

R-RAWL-C50 OIL LUBRICATED COMPRESSOR

50 litre portable air compressor tank for semi professional and DIY applications

FEATURES AND BENEFITS

- Best quality electronic components ensure stable working conditions and low operating cost
- Brushless motor with a power of 2.25 HP. Brushless technology is the most reliable drive type used in powe rtools and mobile equipment providing low damage risk and maintenance cost
- Oil lubricated pump with direct drive provides high performance and stable operation of the compressor
- Built in intake filter to avoid damage in transport and storage. The design prevents the most frequent type of damage and reduces service cost
- Robust wheels and additional rubber feet for better stability

CERTIFICATE

CE

APPLICATIONS

- Supplying proffesional equipment with compressed air
- Craftsman and DIY applications requireing increased amount of compressed air
- Dedicated to DIY applications like inflating bike or car tires

CORRESPONDING PRODUCTS

- R-RAWL-PN-3490 Pneumatic framing nailer
- R-RAWL-PSC40 Pneumatic steel and concrete nailer
- R-RAWL-PMC-38 Pneumatic joist hanger nailer

SET INCLUDES

- R-RAWL-C50 Oil lubricated compressor
- Operating and Safety manual

Rawlplug code	Tank size	Lubrication	Power	Air output	Noise level	Weight	Box Weight	Outer Weight
	[L]		[HP]	[L/min]	[dB]	[kg]	[kg]	[kg]
R-RAWL-C50	50	Oil lubricated	2,25	200	95	34	33.22	33.22

R-RAWL-C50-10 OIL LUBRICATED COMPRESSOR

50 litre portable air compressor tank for professional applications

10 BAR

FEATURES AND BENEFITS

- Best quality electronic components ensure stable working conditions and low operating cost
- Brushless motor with a power of 2.5 HP. Brushless technology is the most reliable drive type used in powe rtools and mobile equipment providing low damage risk and maintenance cost
- Oil lubricated pump with direct drive provides high performance and stable operation of the compressor
- Built in intake filter to avoid damage in transport and storage
- Robust wheels and additional rubber feet for better stability

CERTIFICATE

CE

APPLICATIONS

- Powering nailers, wrenches and other pneumatic tools
- Suitable for all applications requiring increased amount of compressed air
- Proffesional and industrial applications like powering torque wrenches or high power nailers

CORRESPONDING PRODUCTS

- R-RAWL-PMC-38 Pneumatic joist hanger nailer
- R-RAWL-PN-3490 Pneumatic framing nailer
- R-RAWL-PN-57 Pneumatic coil nailer

Rawlplug code	Air output	Cord length	Lubrication	Maximum pressure	Noise level	Operating pressure	Operating temp.	Power	Tank size	Box Weight	Outer Weight
	[L/min]	[m]		[bar]	[dB]	[bar]	[°C]	[HP]	[L]	[kg]	[kg]
R-RAWL-C50-10	244	3	Yes	10	95	5 - 7	0 - +35	3	50	50.00	50.00

HOSE REEL

FEATURES AND BENEFITS

- Rigid steel construction ensures that the product will withstand toughest conditions that may occur on a work site.
- Reinforced poli-urethane hose provides stability of parameters especially while working long distance from a compressor.
- Hose reel construction makes it ideal to store and transport and being very efficient on a building site.
- Standard 3/8' quick coupling connector provides compatibility to most of the compressed air tools one can find on the market.

CERTIFICATE

CE

APPLICATIONS

- Air supply connection between a compressor and the tool

Rawlplug code	Description	Dimensions [mm]	Hose material	Hose length [m]	Hose diameters [mm]	Quick release coupling	Weight [kg]
R-COMP-HOSEREEL	Hose reel for pneumatic tools	340 x 300 x 375	Reinforced poliurethane	30	8/12	3/8"	9

STAPLERS & STAPLES

Two-component non-slip handle **increases productivity and comfort**

6 in 1 heavy duty **for all types of staples and pins** (RL53, RL13, RL140, RL36, RL8, RL9)

Two position driving force adjustment allows to precisely **set the depth of the staple in various materials**

Folding handle for **easy transport**

Compact aluminium body **for increased impact resistance**

Flat spring **extends life and reduces recoil**

Bottom cartridge belt with clip lock allows for the **quick reloading of staples**

A view on the staple count allows you to **quickly check the number of staplesin the clip**

Galvanized zinc coating protects the staple from corrosion

Hardened wire used to manufacture staples ensures trouble-free installation in hard surfaces

STAPLING GUIDE

STEP 1 SELECT STAPLES
STEP 2 CHOOSE YOUR STAPLER

STEP 1 SELECT STAPLES

1 THIN FINEWIRES

RL53 6-14 mm | RL13 6-14 mm

To decoration and less demanding activities

2 FLAT WIRES

RL140 6-14 mm

To more demanding jobs

3 CABLES

RL36 10-14 mm

For low voltage cables

SELECTION OF LENGTH

MATERIAL THICKNESS X 3

FASTENING OF SMALLCOR THIN MATERIALS (FOIL,FABRIC TEXTILE ETC.)

Recommended staple of 4 mm longer than the base material thickness

FASTENING OF WOOD OR OTHER SOLID MATERIALS

Recommended staple: twice longer than fasten material thickness

STEP 2 CHOOSE YOUR STAPLER

HAND STAPLERS

- perfect for projects where there is **no need using a large amount of staples**
- used by professionals, house decoration passionates and homework users

HAMMER TACKER

- recommended **for quick jobs on larger areas** where stapling precision is not the most crucial requirement
- recommended for fixing building materials such as roofing felt, shingles and plastic insulation

RT-KGR0162 HAND STAPLER, 6 IN1 HEAVY DUTY

Durable and comfortable stapler for various applications

FEATURES AND BENEFITS

- Compact aluminium body for increased impact resistance
- Two position driving force adjustment allows to precisely set the depth of the staple in various materials
- Folding handle for easy transport
- Two-component non-slip handle increases productivity and comfort
- Bottom cartridge belt with clip lock allows for the quick reloading of staples
- A view on the staple count allows you to quickly check the number of staples in the clip
- Flat spring prolongs life and reduces recoil
- „Try me" packaging allows free access to all the features

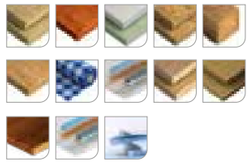
CORRESPONDING PRODUCTS

- RT-KSS1400 Staples RL 140 -box
- RT-KSS140 Staples RL 140
- RT-KSS140 Stainless steel staples RL 140
- RT-KSS00814 RL8 Nails 14 mm
- RT-KSS00914 RL9 Pins 14 mm
- RT-KSS53 Staples RL 53

PACKAGING

BASE MATERIALS

- Chipboard
- Exotic Wood
- Plasterboard
- Oriented Strand Board
- Timber
- Wood
- Fabric
- PVC Profile
- Plywood
- Cardboard
- Laminate
- Plastic
- Paper



APPLICATIONS

- Designed for difficult tasks that require comprehensive tools, offering both stapling and nailing
- Used for upholstery and decorative work
- Temporary fixings
- Construction and industrial appplications

APPLICATIONS

Rawlplug code	Range [mm]	Quantity			Weight	Packaging type
		Units in set [pcs]	Inner [pcs]	Outer [pcs]	Unit [kg]	
RT-KGR00162	6-14	1	10	10	0.75	Double blister

RT-KGR0010 HAND STAPLER - STANDARD, 6-10 MM

Heavy duty stapler for fine wire staples; Type 13; 6-10 mm

FEATURES AND BENEFITS

- Steel body for increased impact resistance
- Folding handle for easy transport
- Two-component non-slip handle increases productivity and comfort
- Bottom cartridge belt with clip lock allows reloading staples quickly
- A view on the staple count allows quickly checking the number of staples in the clip
- Flat spring prolongs life and reduces recoil
- „Try me" packaging allows free access to all the features

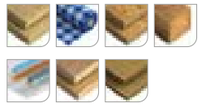
CORRESPONDING PRODUCTS

- RT-KSS013 Staples RL 13

PACKAGING

BASE MATERIALS

- Chipboard
- Fabric
- Oriented Strand Board
- Wood
- Timber
- PVC Profile
- Plywood
- Cardboard



APPLICATIONS

- Used for upholstery and decorative work

Rawlplug code	Range [mm]	Quantity [units]		Weight [kg]	Packaging type
		Units in set [pcs]	Inner [pcs]	Unit	
RT-KGR0010	6-10	1	10	0.78	Double blister

RT-KGR0014 HAND STAPLER – TRADE, 6-10 MM

Lightweight stapler for flat wire staples; Professional line; Type 140; 6-10 mm

FEATURES AND BENEFITS

- Folding handle for easy transportation
- Two-component non-slip handle increases productivity and comfort
- Steel body for increased impact resistance
- Bottom cartridge belt with clip lock allows for the quick reloading of staples
- A view on the staple count allows you to quickly check the number of staples in the clip
- Flat spring prolongs life and reduces recoil
- „Try me" packaging allows free access to all the features

CORRESPONDING PRODUCTS

- RT-KSS1400 Staples RL 140 -box
- RT-KSS140 Staples RL 140
- RT-KSS140 Stainless steel staples RL 140

PACKAGING

BASE MATERIALS

- Chipboard
- Exotic Wood
- Plasterboard
- Oriented Strand Board
- Timber
- Wood

APPLICATIONS

- For heavy-duty carpentry, construction and finishing work

Rawlplug code	Range [mm]	Quantity [units]			Weight [kg]	Packaging type
		Units in set [pcs]	Inner [pcs]	Outer [pcs]	Unit	
RT-KGR0014	6-10	1	10	40	0.48	Double blister

RT-KGR0024 HAND STAPLER – UNIVERSAL TRADE 3 IN 1, 6-14 MM

Heavy duty stapler for flat wire staples; Professional line; Type 140; 6-14 mm

FEATURES AND BENEFITS

- Wide range of uses: 6-14 mm staples, 14 mm nails, 14 mm pins
- Folding handle for easy transportation
- Two-component non-slip handle increases productivity and comfort
- Smoothly adjustable punching force allows for adjusting the driving force to the type of material
- Steel body for increased impact resistance
- Bottom cartridge belt with clip lock allows for the quick reloading of staples
- A view on the staple count allows you to quickly check the number of staples in the clip
- Flat spring prolongs life and reduces recoil

CORRESPONDING PRODUCTS

- RT-KSS00814 RL8 Nails 14 mm
- RT-KSS00914 RL9 Pins 14 mm
- RT-KSS140 Staples RL 140
- RT-KSS1400 Staples RL 140 – box
- RT-KSS140 Stainless steel staples RL 140

PACKAGING

BASE MATERIALS

- Chipboard
- Plasterboard
- Oriented Strand Board
- Timber
- Wood
- Plywood

APPLICATIONS

- For heavy-duty carpentry, construction and finishing work

Rawlplug code	Range [mm]	Quantity [units]			Weight [kg]	Packaging type
		Units in set [pcs]	Inner [pcs]	Outer [pcs]	Unit	
RT-KGR0024	6-14	1	10	20	0.78	Double blister

RT-KGR0029 HAND STAPLER – POWERFUL EASY SHOT 3 IN 1, 6-14 MM

Durable stapler for fine wire staples with unique pre-tension trigger mechanism and aluminium body; Universal line; Type 53; 6-14 mm

FEATURES AND BENEFITS

- Trigger switch allows for shooting with a trigger
- Wide range of use: 6-14 mm staples, 14 mm nails, 14 mm pins
- Folding handle for easy transport
- Two-component non-slip handle increases productivity and comfort
- Two-step adjustable punching force allows for adjusting the driving force to the type of aterial
- Aluminum body, lightweight, impact--resistant housing
- Bottom cartridge belt with clip lock allows for the quick reloading of staples
- A view on the staple count allows you to quickly check the number of staples in the clip

CORRESPONDING PRODUCTS

- RT-KSS00814 RL8 Nails 14 mm
- RT-KSS00914 RL9 Pins 14 mm
- RT-KSS53 Staples RL 53

PACKAGING

BASE MATERIALS

- Oriented Strand Board
- Plywood
- Fabric
- Timber
- Plastic
- Chipboard

APPLICATIONS

- Designed for difficult tasks that require comprehensive tools, offering both stapling and nailing
- Used for upholstery and decorative work

Rawlplug code	Range [mm]	Quantity [units]			Weight [kg]	Packaging type
		Units in set [pcs]	Inner [pcs]	Outer [pcs]	Unit	
RT-KGR0029	6-14	1	10	20	0.84	Double blister

RT-KGR0030

HAND STAPLER - EASY SHOT 3 IN 1, 6-14 MM

Lightweight stapler for fine wire staples with unique pre-tension trigger mechanism and strong plastic body; Universal line; Type 53; 6-14 mm

FEATURES AND BENEFITS

- Trigger switch allows shooting with a trigger
- Wide range of use: 6-14 mm staples, 14mm nails , 14 mm pins
- Folding handle for easy transport
- Two-component non-slip handle increases productivity and comfort
- Two-step adjustable punching force allows adjusting the driving force to the type of material
- Bottom cartridge belt with clip lock allows reloading staples quickly
- A view on the staple count allows quickly checking the number of staples in the clip
- Flat spring prolongs life and reduces recoil
- „Try me" packaging allows free access to all the features

CORRESPONDING PRODUCTS

- RT-KSS00914 RL9 Pins 14 mm
- RT-KSS00814 RL8 Nails 14 mm
- RT-KSS53 Staples RL 53

PACKAGING

BASE MATERIALS

- Oriented Strand Board
- PVC Profile
- Plywood
- Timber
- Chipboard
- Fabric
- Cardboard

APPLICATIONS

- Designed for difficult tasks that require comprehensive tools offering both stapling and nailing
- Used for upholstery and decorative work

Rawlplug code	Range [mm]	Quantity [units]		Weight [kg]	Packaging type
		Units in set [pcs]	Inner [pcs]	Unit	
RT-KGR0030	6-14	1	10	0.91	Double blister

RT-KGR0031

HAND STAPLER – 3 IN 1, 6-14 MM

Heavy duty stapler for fine wire staples, suitable for pins and brads; Universal line; Type 53; 6-14 mm

FEATURES AND BENEFITS

- Wide range of uses: 6-14 mm staples, 14 mm nails, 14 mm pins
- Folding handle for easy transportation
- Two-component non-slip handle increases productivity and comfort
- Smoothly adjustable punching force allows for adjusting the driving force to the type of material
- Steel body for increased impact resistance
- Bottom cartridge belt with clip lock allows for the quick reloading of staples
- A view on the staple count allows you to quickly check the number of staples in the clip
- Flat spring prolongs life and reduces recoil

CORRESPONDING PRODUCTS

- RT-KSS00814 RL8 Nails 14 mm
- RT-KSS00914 RL9 Pins 14 mm
- RT-KSS53 Staples RL 53

PACKAGING

BASE MATERIALS

- Laminate
- Plastic
- Plywood
- Timber
- Wood
- Fabric

APPLICATIONS

- Designed for difficult tasks that require comprehensive tools, offering both stapling and nailing
- Used for upholstery and decorative work

Rawlplug code	Range [mm]	Quantity [units]			Weight [kg]	Packaging type
		Units in set [pcs]	Inner [pcs]	Outer [pcs]	Unit	
RT-KGR0031	6-14	1	10	20	0.91	Double blister

RT-KGR0032

HAND STAPLER – HOUSEHOLD, 6-14 MM

Heavy duty stapler for fine wire staples; Universal line; Type 53; 6-14 mm

FEATURES AND BENEFITS

- Folding handle for easy transportation
- Two-component non-slip handle increases productivity and comfort
- Smoothly adjustable punching force allows for adjusting the driving force to the type of material
- Steel body for increased impact resistance
- Bottom cartridge belt with clip lock allows for the quick reloading of staples
- A view on the staple count allows you to quickly check the number of staples in the clip
- Flat spring prolongs life and reduces recoil
- „Try me" packaging allows free access to all the features

CORRESPONDING PRODUCTS

- RT-KSS53 Staples RL 53

PACKAGING

BASE MATERIALS

- Chipboard
- Fabric
- Oriented Strand Board
- Plastic
- Plywood
- Wood

APPLICATIONS

- Designed for difficult tasks
- Used for upholstery and decorative work

Rawlplug code	Range [mm]	Quantity [units]			Weight [kg]	Packaging type
		Units in set [pcs]	Inner [pcs]	Outer [pcs]	Unit	
RT-KGR0032	6-14	1	10	20	0.64	Double blister

RT-KGR0034

HAND STAPLER – COMPACT 3 IN 1, 6-14 MM

Heavy duty stapler for fine wire staples, suitable for pins and brads; Universal line; Type 53; 6-14 mm

FEATURES AND BENEFITS

- Compact steel body for increased impact resistance
- Two-step adjustable punching force allows for adjusting the driving force to the type of material
- Folding handle for easy transport
- Two-component non-slip handle increases productivity and comfort
- Bottom cartridge belt with clip lock allows for the quick reloading of staples
- A view on the staple count allows you to quickly check the number of staples in the clip
- Flat spring prolongs life and reduces recoil
- „Try me" packaging allows free access to all the features

CORRESPONDING PRODUCTS

- RT-KSS00814 RL8 Nails 14 mm
- RT-KSS00914 RL9 Pins 14 mm
- RT-KSS53 Staples RL 53

PACKAGING

BASE MATERIALS

- Laminate
- Plastic
- Plywood
- Timber
- Wood
- Fabric

APPLICATIONS

- Designed for difficult tasks that require comprehensive tools, offering both stapling and nailing
- Used for upholstery and decorative work

Rawlplug code	Range [mm]	Quantity [units]			Weight [kg]	Packaging type
		Units in set [pcs]	Inner [pcs]	Outer [pcs]	Unit	
RT-KGR0034	6-14	1	10	40	0.40	Double blister

RT-KGR0053

HAND STAPLER – EASY SQUEEZE, 6-10 MM

Hand stapler'easy squeeze'rl 53, 6-10 mm

FEATURES AND BENEFITS

- Folding handle for easy transportation
- Bottom cartridge belt with clip lock allows for the quick reloading of staples
- A view on the staple count allows you to quickly check the number of staples in the clip
- Flat spring prolongs life and reduces recoil
- „Try me" packaging allows free access to all the features

CORRESPONDING PRODUCTS

- RT-KSS53 Staples RL 53

PACKAGING

BASE MATERIALS

- Fabric
- Oriented Strand Board
- Plywood and cardboard

APPLICATIONS

- Used for upholstery and decorative work
- For office use

Rawlplug code	Range [mm]	Quantity [units]			Weight [kg]	Packaging type
		Units in set [pcs]	Inner [pcs]	Outer [pcs]	Unit	
RT-KGR0053	6-10	1	10	40	0.23	Double blister

RT-KGR00153

HAND STAPLER – HANDY, 6-10 MM

Heavy duty universal stapler for fine wire staples; Universal line; Type 53; 6-10 mm

FEATURES AND BENEFITS

- Folding handle for easy transportation
- Two-component non-slip handle increases productivity and comfort
- Steel body for increased impact resistance
- Bottom cartridge belt with clip lock allows for the quick reloading of staples
- A view on the staple count allows you to quickly check the number of staples in the clip
- Flat spring prolongs life and reduces recoil
- „Try me" packaging allows free access to all the features

CORRESPONDING PRODUCTS

- RT-KSS53 Staples RL 53

PACKAGING

BASE MATERIALS

- Chipboard, wood and timber
- Fabric
- Oriented Strand Board
- Plastic

APPLICATIONS

- Designed for difficult tasks
- Used for upholstery and decorative work

Rawlplug code	Range [mm]	Quantity [units]			Weight [kg]	Packaging type
		Units in set [pcs]	Inner [pcs]	Outer [pcs]	Unit	
RT-KGR0153	6-10	1	10	40	0.52	Double blister

RT-KGR0027

HAND STAPLER - CABLE TACKER, 14 MM

Specialised professional stapler for parabolic staples; Type 36 ; 14 mm

FEATURES AND BENEFITS

- Bottom cartridge belt with clip lock allows reloading staples quickly
- Steel body for increased impact resistance
- Flat spring prolongs life and reduces recoil
- „Try me" packaging allows free access to all the features
- Folding handle for easy transport
- Two-component non-slip handle increases productivity and comfort
- Two-step adjustable punching force allows adjusting the driving force to the type of material

CORRESPONDING PRODUCTS

- RT-KSS00714 RL36 Staples 14 mm

PACKAGING

BASE MATERIALS

- Chipboard
- Fabric
- Plasterboard
- Oriented Strand Board
- Wood
- Timber
- Cables

APPLICATIONS

- Attaching low voltage cables, up to 24V

Rawlplug code	Range [mm]	Quantity [units]			Weight [kg]	Packaging type
		Units in set [pcs]	Inner [pcs]	Outer [pcs]	Unit	
RT-KGR0027	14	1	10	20	0.64	Double blister

RT-KGR0033

HAND STAPLE - EXTRA LIGHT, 6-14 MM

Extra light stapler for fine wire staples, suitable for home decorating; Universal line; Type 53; 6-14 mm

FEATURES AND BENEFITS

- ABS body, lightweight impact-resistant housing
- Folding handle for easy transport
- Bottom cartridge belt with clip lock allows reloading staples quickly
- A view on the staple count allows quickly checking the number of staples in the clip
- Flat spring prolongs life and reduces recoil
- „Try me" packaging allows free access to all the features
- Two-step adjustable punching force allows adjusting the driving force to the type of material

CORRESPONDING PRODUCTS

- RT-KSS53 Staples RL 53

PACKAGING

BASE MATERIALS

- Fabric
- Oriented Strand Board
- Plywood
- Cardboard
- Timber
- PVC Profile
- Chipboard

APPLICATIONS

- Used for upholstery and decorative work

Rawlplug code	Range [mm]	Quantity [units]			Weight [kg]	Packaging type
		Units in set [pcs]	Inner [pcs]	Outer [pcs]	Unit	
RT-KGR0033	6-14	1	10	40	0.40	Double blister

RT-KGR0055 HAND STAPLER - OFFICE, 6-10 MM

Lightweight stapler for fine wire staples, suitable for office use; Universal line; Type 53; 6-10 mm

FEATURES AND BENEFITS

- A special stand makes it possible to use as an office stapler
- Folding handle for easy transport
- Bottom cartridge belt with clip lock allows reloading staples quickly
- A view on the staple count allows quickly checking the number of staples in the clip
- ABS body, lightweight impact-resistant housing
- Flat spring prolongs life and reduces recoil
- „Try me" packaging allows free access to all the features

CORRESPONDING PRODUCTS

- RT-KSS53 Staples RL 53

PACKAGING

BASE MATERIALS

- Paper
- Chipboard
- Fabric
- Timber
- Wood

APPLICATIONS

- Used for office jobs, upholstery and decorative work

Rawlplug code	Range [mm]	Quantity [units]			Weight [kg]	Packaging type
		Units in set [pcs]	Inner [pcs]	Outer [pcs]	Unit	
RT-KGR0055	6-10	1	10	40	0.40	Double blister

RT-KGR0011 HAMMER TACKER, 6-10 MM

Roofing hammer tacker; Professional line; Type 140; 6-10 mm

FEATURES AND BENEFITS

- Steel body for increased impact resistance
- A view on the staple count allows you to quickly check the number of staples in the clip
- „Try me" packaging allows free access to all the features
- Ergonomic handle increases operator comfort

CORRESPONDING PRODUCTS

- RT-KSS140 Staples RL 140
- RT-KSS1400 Staples RL 140 - box
- RT-KSS140 Stainless steel staples RL 140

PACKAGING

BASE MATERIALS

- Chipboard
- Oriented Strand Board
- Timber
- Wood
- Plasterboard
- Exotic Wood

APPLICATIONS

- Designed for attaching tar paper roofing and fixing foil and roof insulation

Rawlplug code	Range [mm]	Quantity [units]			Weight [kg]	Packaging type
		Units in set [pcs]	Inner [pcs]	Outer [pcs]	Unit	
RT-KGR0011	6-10	1	10	20	1.10	Double blister

RT-KGR0012 TACKER - ROOFING 6-10 MM

Roofing hammer tacker for fine wire staples; Type 13; 6-10 mm

FEATURES AND BENEFITS

- Steel body for increased impact resistance
- A view on the staple count allows quickly checking the number of staples in the clip
- „Try me" packaging allows free access to all the features
- Ergonomic handle increases operator comfort

CORRESPONDING PRODUCTS

- RT-KSS140 Staples RL 140
- RT-KSS1400 Staples RL 140 - box
- RT-KSS140 Stainless steel staples RL 140

PACKAGING

BASE MATERIALS

- Chipboard
- Oriented Strand Board
- Timber
- Wood
- Plasterboard

APPLICATIONS

- Designed for attaching tar paper roofing and fixing foil and roof insulation

Rawlplug code	Range [mm]	Quantity [units]			Weight [kg]	Packaging type
		Units in set [pcs]	Inner [pcs]	Outer [pcs]	Unit	
RT-KGR0012	6-10	1	10	20	1.10	Double blister

RT-KGR0013 HAMMER TACKER – ROOFING PRO 6-14 MM

Heavy duty hammer tacker for flat wire staples; Professional line; Type 140; 6-14 mm

FEATURES AND BENEFITS

- Ergonomic handle increases operator comfort
- Steel body for increased impact resistance
- A view on the staple count allows you to quickly check the number of staples in the clip
- „Try me" packaging allows free access to all the features

CORRESPONDING PRODUCTS

- RT-KSS140 Staples RL 140
- RT-KSS1400 Staples RL 140 – box
- RT-KSS140 Stainless steel staples RL 140

PACKAGING

BASE MATERIALS

- Oriented Strand Board
- Timber
- Wood
- Plasterboard
- Exotic Wood

APPLICATIONS

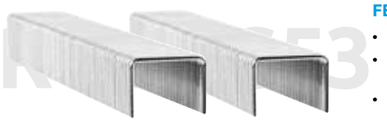
- Designed for attaching tar paper roofing and fixing foil and roof insulation

Rawlplug code	Range [mm]	Quantity [units]			Weight [kg]	Packaging type
		Units in set [pcs]	Inner [pcs]	Outer [pcs]	Unit	
RT-KGR0013	6-14	1	10	10	0.90	Double blister

Size [mm]	RL53 6-14 mm	RL13 6-10 mm	RL140 6-14 mm	RL36 14 mm	RL8 14 mm	RL9 14 mm
	For decorative and upholstery applications.	For hand staple guns.	For securing membranes and plastic sheating in construction industry	For securing low voltage cables – up to 24 volts	For decorative and second fix applications	For decorative and second fix applications
A	11,3	11,3	10,5	7,7	2	1
B	6-14	6-10	6-14	14	14	14
C	0,75	0,7	1,25	1,25	1,25	1,25

RT-KSS53 STAPLES RL 53

The most popular fine wire staples; Universal line; Type 53; Ideal for working with textiles



FEATURES AND BENEFITS

- Galvanized corrosion-resistant surface
- Made of tempered wire, prevents benting when applied to hard surfaces
- Narrow staple with a thickness 0.75 mm, not visible while fixing fabric and carpets

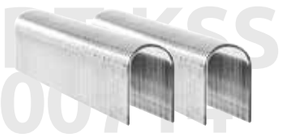
APPLICATIONS

- Narrow staple for decorative and upholstery work

Rawlplug code	Type	Body size			Quantity			Packaging type
		Height	Length	Depth	Units in set	Inner	Outer	
		[mm]			[pcs]			
RT-KSS05306	RL53	6	11.3	0.75	1000	6	120	Double blister
RT-KSS053065000	RL53	6	11.3	0.75	5000	1	10	Paper box
RT-KSS05308	RL53	8	11.3	0.75	1000	6	120	Double blister
RT-KSS053085000	RL53	8	11.3	0.75	5000	1	10	Paper box
RT-KSS05310	RL53	10	11.3	0.75	1000	6	120	Double blister
RT-KSS053105000	RL53	10	11.3	0.75	5000	1	10	Paper box
RT-KSS05312	RL53	12	11.3	0.75	1000	6	120	Double blister
RT-KSS053125000	RL53	12	11.3	0.75	5000	1	10	Paper box
RT-KSS05314	RL53	14	11.3	0.75	1000	6	120	Double blister
RT-KSS053145000	RL53	14	11.3	0.75	5000	1	10	Paper box

RT-KSS00714 RL36 STAPLES 14 MM

Parabolic staples for cables



FEATURES AND BENEFITS

- Galvanized corrosion-resistant surface
- Made of tempered wire, prevents benting when applied to hard surfaces

APPLICATIONS

- Designed for attaching low voltage cables max. 24 V

Rawlplug code	Type	Body size			Quantity			Packaging type
		Height	Length	Depth	Units in set	Inner	Outer	
		[mm]			[pcs]			
RT-KSS00714	RL36	14	7.7	1.25	1500	6	60	Double blister

RT-KSS140 STAPLES RL 140

Stainless steel flat wire staples; Professional line; Type 140; Ideal for working with insulation material in wet areas

FEATURES AND BENEFITS

- Wide 1.25 mm staple does not cut the stapled material at ideal pressure
- Made of tempered wire, prevents benting when applied to hard surfaces
- Galvanized corrosion-resistant surface

APPLICATIONS

- Professional wide staple for roofers designed for repairs and construction work

Rawlplug code	Type	Body size			Quantity		Weight	Packaging type
		Height	Length	Depth	Box	Outer	Box	
		[mm]			[pcs]		[kg]	
RT-KSS140 - Stainless steel staples								
RT-KSS14010SS	RL140	10	10	1.25	1500	60	0.19	Double blister

RT-KSS140 STAPLES RL 140 (cont.)

Rawlplug code	Type	Body size			Quantity		Packaging type
		Height	Length	Depth	Box	Outer	
		[mm]			[pcs]		
RT-KSS140 - Galvanized steelstaples							
RT-KSS140061	RL140	6	10,5	1.25	1000	6	Double blister
RT-KSS140065040	RL140	6	10,5	1.25	5040	6	Paper box
RT-KSS140081	RL140	8	10,5	1.25	1000	6	Double blister
RT-KSS140085040	RL140	8	10,5	1.25	5040	6	Paper box
RT-KSS140101	RL140	10	10,5	1.25	1000	6	Double blister
RT-KSS140105040	RL140	10	10,5	1.25	5040	6	Paper box
RT-KSS140121	RL140	12	10,5	1.25	1000	6	Double blister
RT-KSS140125040	RL140	12	10,5	1.25	5040	6	Paper box
RT-KSS140141	RL140	14	10,5	1.25	1000	6	Double blister
RT-KSS140145040	RL140	14	10,5	1.25	5040	6	Paper box

RT-KSS013 STAPLES RL 13

Staples of thin wire; Type 13, ideal for decorating

FEATURES AND BENEFITS

- Made of tempered wire, which prevents bending when applied to hard surfaces
- Narrow staple, with a thickness of 0.7 mm, is not visible when fixing fabric and carpets.

APPLICATIONS

- Narrow staple for decorative and upholstery work

Rawlplug code	Type	Body size			Quantity		Packaging type
		Height	Length	Depth	Units in set	Outer	
		[mm]			[pcs]		
RT-KSS01306	RL13	6	11.3	0.7	1000	10	Double blister
RT-KSS013062500	RL13	6	11.3	0.7	2500	10	Paper box
RT-KSS01308	RL13	8	11.3	0.7	1000	10	Double blister
RT-KSS013082500	RL13	8	11.3	0.7	2500	10	Paper box
RT-KSS01310	RL13	10	11.3	0.7	1000	10	Double blister
RT-KSS013102500	RL13	10	11.3	0.7	2500	10	Paper box

RT-KSS00814 RL8 NAILS 14 MM

Brad nails for quick installation

FEATURES AND BENEFITS

- Galvanized corrosion-resistant surface
- Made of tempered wire, prevents benting when applied to hard surfaces

APPLICATIONS

- Suitable for mounting panels and skirting boards

Rawlplug code	Type	Body size			Quantity			Packaging type
		Height	Length	Depth	Units in set	Inner	Outer	
		[mm]			[pcs]			
RT-KSS00814	RL8	14	2	1.25	1000	6	60	Double blister

RT-KSS00914 RL9 PINS 14 MM

Pins for connecting thin strips

FEATURES AND BENEFITS

- Galvanized corrosion-resistant surface
- Made of tempered wire, prevents benting when applied to hard surfaces

APPLICATIONS

- Pins for finishing work: nailing strips, boards, soffits, etc.

Rawlplug code	Type	Body size			Quantity			Packaging type
		Height	Length	Depth	Units in set	Inner	Outer	
		[mm]			[pcs]			
RT-KSS00914	RL9	14	1	1000	1000	6	60	Double blister

DURABLE GLUE GUNS

PROFESSIONAL GLUE GUNS

Designed for 11-12 mm adhesives

Mechanical feeding of adhesive with adjustable trigger stroke allows for precise adjustment of the glue feed

Balance hook keeps the gun nozzle down when the gun is hanging loose

4-finger trigger ensures precise glue application

The dual heating system ensures a very short warm-up time and high performance

Replaceable nozzles for different operating modes

The wide stand ensures a very stable position when the gun is not in use

The switch provides more security and comfort of use

RT-GG-180 PROFESSIONAL GLUE GUN 180W

A durable glue gun with fast warm-up and high efficiency

180 WAT

FEATURES AND BENEFITS

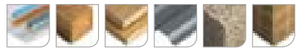
- Designed for 11-12 mm adhesives
- Mechanical feeding of adhesive with adjustable trigger stroke allows for precise adjustment of the glue feed
- Balance hook keeps the gun nozzle down when the gun is hanging loose
- 4-finger trigger ensures precise glue application
- The switch provides more security and comfort of use
- The dual heating system ensures a very short warm-up time and high performance
- Replaceable nozzles for different operating modes
- The wide stand ensures a very stable position when the gun is not in use

CORRESPONDING PRODUCTS

- RT-GS-C Glue sticks for bonding cardboard
- RT-GS-E Extra strong glue sticks
- RT-GS-G Glue sticks with glitter
- RT-GS-K Color glue sticks
- RT-GS-P Glue sticks for bonding plastic

BASE MATERIALS

- Plastic
- Wood
- Plywood
- Metal Sheet & Profiles
- Natural Stone
- Ceramics



APPLICATIONS

- Production line
- Packing
- Installing pipe insulation
- Installation works
- Installation
- Repairs

WARRANTY

CE 3 YEARS WARRANTY

Rawlplug code	Quantity [units]			Packaging type
	Units in set [pcs]	Inner [pcs]	Outer [pcs]	
RT-GG-180	1	1	6	Box
RT-GG-180-UK	1	1	6	Box

RT-GG-080 UNIVERSAL GLUE GUN 80W

A durable glue gun with fast warm-up and high efficiency

80 WAT

FEATURES AND BENEFITS

- Designed for 11-12 mm adhesives
- Mechanical feeding of adhesive allows for the precise dosage
- Balance hook keeps the gun nozzle down when the gun is hanging loose
- 4-finger trigger ensures precise glue application
- Wide folding stand provides greater stability for the gun while standing
- Special nozzle prevents leakage of adhesive
- Silicone lining along the nozzle prevents burns

CORRESPONDING PRODUCTS

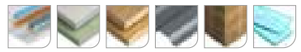
- RT-GS-W Glue sticks for bonding wood
- RT-GS-U Universal glue sticks
- RT-GS-S Glue sticks for sanitary use
- RT-GS-P Glue sticks for bonding plastic
- RT-GS-M Set of universal and extra strong glue sticks

WARRANTY

3 YEARS WARRANTY

BASE MATERIALS

- Plastic
- Plasterboard
- Plywood
- Metal Sheet & Profiles
- Ceramics
- Glass



APPLICATIONS

- Repairs
- Installation works
- Woodworking
- Installation
- Installing pipe insulation
- Sealing

Rawlplug code	Quantity [units]			Packaging type
	Units in set [pcs]	Inner [pcs]	Outer [pcs]	
RT-GG-080	1	6	12	Double blister
RT-GG-080-UK	1	6	12	Double blister

RT-GG-055 GLUE GUN 55W

Small gun for everyday use and finishing works

55 WAT

FEATURES AND BENEFITS

- Designed for 11-12 mm adhesives
- Mechanical feeding of adhesive allows precise dosage
- Lightweight and ergonomic design makes it easy to use
- Folding stand allows for safe gun placement during work
- Special nozzle prevents leakage of adhesive
- Silicone lining along the nozzle prevents burns

CORRESPONDING PRODUCTS

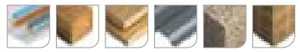
- RT-GS-C Glue sticks for bonding cardboard
- RT-GS-E Extra strong glue sticks
- RT-GS-G Glue sticks with glitter
- RT-GS-K Color glue sticks
- RT-GS-M Set of universal and extra strong glue sticks

WARRANTY

3 YEARS WARRANTY

BASE MATERIALS

- Plastic
- Wood
- Plywood
- Metal Sheet & Profiles
- Natural Stone
- Ceramics



APPLICATIONS

- Installation
- Sealing
- Repairs
- Upholstery
- Decor
- Floral arrangements

Rawlplug code	Quantity [units]			Packaging type
	Units in set [pcs]	Inner [pcs]	Outer [pcs]	
RT-GG-055	1	12	24	Box
RT-GG-055-UK	1	12	24	Box

RT-GS-U UNIVERSAL GLUE STICKS

Universal glue sticks for bonding the majority of commercially available materials

RT-GS-U1 RT-GS-U2 RT-GS-U2B

FEATURES AND BENEFITS

- The diameter of 12mm allows the adhesive to be used in most adhesive guns available on the market
- Short curing time, 30-35 seconds, allows for quick work
- The length of 200 mm allows for a longer operating time on one glue stick
- The length of 100 mm allows gluing in hard to reach places
- Transparent adhesive allows applying in many areas
- Does not emit odor while working
- Resistance to temperature of -5°C enables operation at low temperatures
- Operating temperature of 170-210°C

CORRESPONDING PRODUCTS

- RT-GG-055 Glue gun 55W
- RT-GG-080 Universal glue gun 80W
- RT-GG-180 Professional glue gun 180W

BASE MATERIALS

- Cardboard
- Plastic
- Wood

APPLICATIONS

- Universal glue sticks for bonding the majority of commercially available materials

Rawlplug code	Glue size	Length	Quantity [units]			Packaging type
			Units in set [pcs]	Inner [pcs]	Outer [pcs]	
RT-GS-U1	12	100	12	5	40	Double blister
RT-GS-U2	12	200	44	1	5	Double blister
RT-GS-U2B	12	200	10	1	15	Bag

RT-GS-C GLUE STICKS FOR BONDING CARDBOARD

Glue sticks for bonding cardboard and paper surfaces

RT-GS-C2 RT-GS-C2B

FEATURES AND BENEFITS

- The 12mm diameter allows the adhesive to be used in most adhesive guns available on the market
- Very short curing time, 8-12 seconds, allowing for quick work
- The length of 200 mm allows for a longer operating time on one glue stick
- Milky color of adhesive allows applying in many areas
- Does not emit odor while working
- Resistance to temperature of 0°C, enabling operations at low temperatures
- Melting temperature of 170-210°C

CORRESPONDING PRODUCTS

- RT-GG-055 Glue gun 55W
- RT-GG-080 Universal glue gun 80W
- RT-GG-180 Professional glue gun 180W

BASE MATERIALS

- Cardboard
- Paper

APPLICATIONS

- This glue stick is perfect for bonding cardboard and paper surfaces

Rawlplug code	Glue size	Length	Quantity [units]			Packaging type
			Units in set [pcs]	Inner [pcs]	Outer [pcs]	
RT-GS-C2	12	200	44	1	5	Double blister
RT-GS-C2B	12	200	10	1	15	Bag

RT-GS-P GLUE STICKS FOR BONDING PLASTIC

Dedicated glue sticks for bonding any plastic materials

RT-GS-P2 RT-GS-P2B

FEATURES AND BENEFITS

- The 12mm diameter allows the adhesive to be used in most adhesive guns available on the market
- Very short curing time, 8-12 seconds, allowing for quick work
- The length of 200 mm allows for a longer operating time on one glue stick
- Milky color of adhesive allows applying in many areas
- Does not emit odor while working
- Resistance to temperature of 0°C, enabling operations at low temperatures
- Melting temperature of 170-210°C

CORRESPONDING PRODUCTS

- RT-GG-055 Glue gun 55W
- RT-GG-080 Universal glue gun 80W
- RT-GG-180 Professional glue gun 180W

BASE MATERIALS

- Plastic
- Paper

APPLICATIONS

- This glue stick is perfect for bonding cardboard and paper surfaces

Rawlplug code	Glue size	Length	Quantity [units]			Packaging type
			Units in set [pcs]	Inner [pcs]	Outer [pcs]	
RT-GS-P2	12	200	44	1	5	Double blister
RT-GS-P2B	12	200	10	1	15	Bag

RT-GS-W GLUE STICKS FOR BONDING WOOD

Glue sticks for bonding surfaces of wood, wood-based materials and leather

RT-GS-W2 RT-GS-W2B

FEATURES AND BENEFITS

- The 12 mm diameter allows the adhesive to be used in most adhesive guns available on the market
- Short curing time, 30-35 seconds, allows for quick work
- The length of 200 mm allows for a longer operating time on one glue stick
- Honey color of adhesive allows applying in many areas and layers
- Does not emit odor while working
- Resistant to temperature of -5°C, enabling operation at low temperatures
- Melting temperature of 170-210°C

CORRESPONDING PRODUCTS

- RT-GG-055 Glue gun 55W
- RT-GG-080 Universal glue gun 80W
- RT-GG-180 Professional glue gun 180W

BASE MATERIALS

- Wood
- Plywood
- Chipboard
- Oriented Strand Board

APPLICATIONS

- For bonding wood surfaces, wood-based materials and leather

Rawlplug code	Glue size	Length	Quantity [units]			Packaging type
			Units in set [pcs]	Inner [pcs]	Outer [pcs]	
RT-GS-W2	12	200	44	1	5	Double blister
RT-GS-W2B	12	200	10	1	15	Bag

RT-GS-S GLUE STICKS FOR SANITARY USE

Glue sticks for bonding sanitary materials and products, e.g. appliances, tiles and plastic materials and cables

RT-GS-S2 RT-GS-S2B

FEATURES AND BENEFITS

- The white color of adhesive is ideally suited for use in a sanitary environment
- The diameter of 12mm allows the adhesive to be used in most adhesive guns available on the market
- Short curing time, 25-30 seconds, allows for quick work
- Does not emit odor while working
- The length of 200 mm allows for a longer operating time on one glue stick
- Resistance to temperature of 0°C enables operation at low temperatures
- Operating temperature of 170-210°C

APPLICATIONS

- For bonding sanitary materials and products, e.g. appliances, tiles and plastic materials and cables

Rawlplug code	Glue size	Length	Quantity [units]			Packaging type
			Units in set [pcs]	Inner [pcs]	Outer [pcs]	
RT-GS-S2	12	200	44	1	5	Double blister
RT-GS-S2B	12	200	10	1	15	Bag

RT-GS-E EXTRA STRONG GLUE STICKS

Super strong glue sticks designed for gluing together heavy construction materials and metals

RT-GS-E1 RT-GS-E2 RT-GS-E2B

FEATURES AND BENEFITS

- The diameter of 12mm allows the adhesive to be used in most adhesive guns available on the market
- Short curing time, 35-40 seconds, allows for quick work
- The length of 200 mm allows for a longer operating time on one glue stick
- Honey color of adhesive allows applying in many areas
- Does not emit odor while working
- Resistance to temperature of -15°C enables operation at very low temperatures
- Operating temperature of 170-210°C

APPLICATIONS

- Super strong glue stick allows gluing together heavy construction materials and metals

Rawlplug code	Glue size	Length	Quantity [units]			Packaging type
			Units in set [pcs]	Inner [pcs]	Outer [pcs]	
RT-GS-E1	12	100	12	5	40	Double blister
RT-GS-E2	12	200	44	1	5	Double blister
RT-GS-E2B	12	200	10	1	15	Bag

RT-GS-M SET OF UNIVERSAL AND EXTRA STRONG GLUE STICKS

A set of universal and super strong glue sticks for bonding different materials

FEATURES AND BENEFITS

- The diameter of 12mm allows the adhesive to be used in most adhesive guns available on the market
- Short curing time, 35-40 seconds, allows for quick work
- The length of 200 mm allows for a longer operating time on one glue stick
- Honey and transparent color of adhesive allows applying in many areas
- Does not emit odor while working
- Resistance to temperature of -15°C enables operation at very low temperatures
- Operating temperature of 170-210°C

APPLICATIONS

- A set of universal and super strong glue stick for bonding different materials

Rawlplug code	Glue size	Length	Quantity [units]			Packaging type
			Units in set [pcs]	Inner [pcs]	Outer [pcs]	
RT-GS-M2	12	200	44	1	5	Double blister

Screws

Screws for wood	**186**
Overview of screws for wood	**189**
Construction screws	**190**
Decking screws	**196**
Collated drywall screws	**199**
Screws for curtain walls	**200**

RAWLPLUG®

100 YEARS OF EXPERTISE IN FIXINGS, FASTENERS AND TOOLS

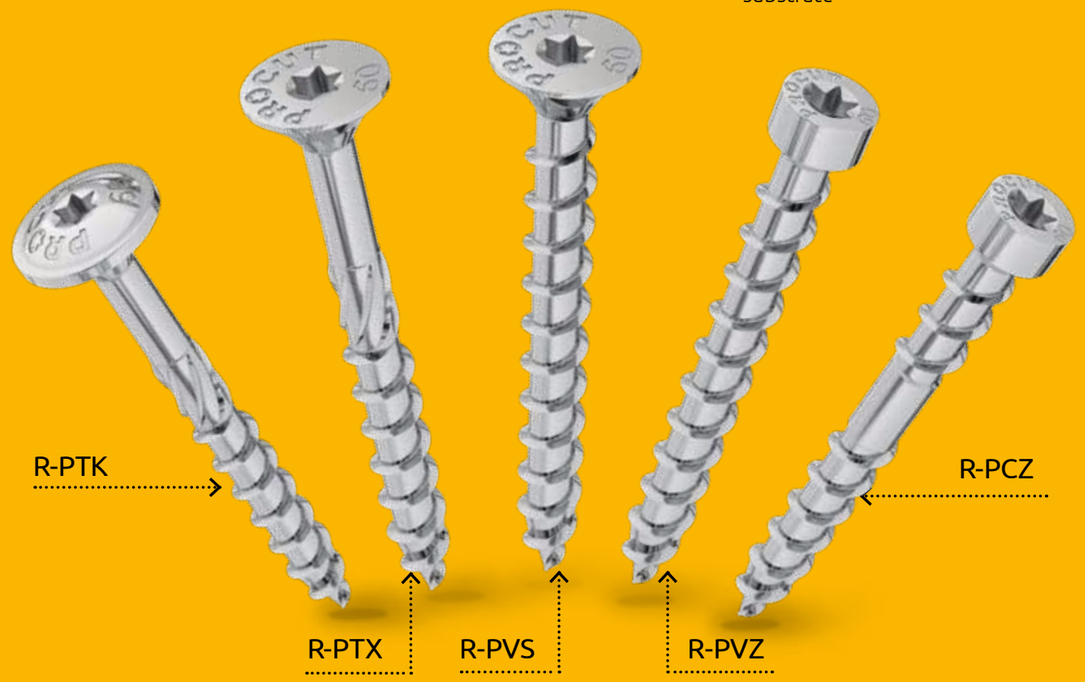
PROCUT CONSTRUCTION SCREWS MADE BY RAWLPLUG®

WOOD SCREWS PROCUT

Oversize wafer head increases **clamping force and pull-through capacity**

Countersunk head with **contoured pockets on the underside** allows smooth countersunk finish

Partial thread with milling point **reduces time** and amount of power required to drive the screw into the substrate

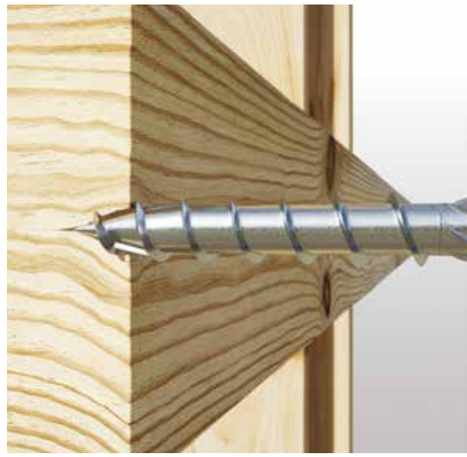


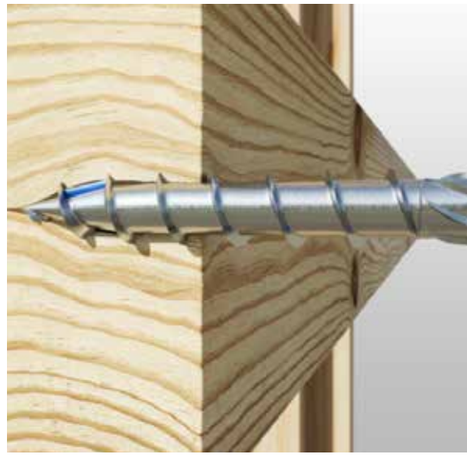
Full thread with increased sharpness **improves anchoring in all wood types** working as a reinforcement

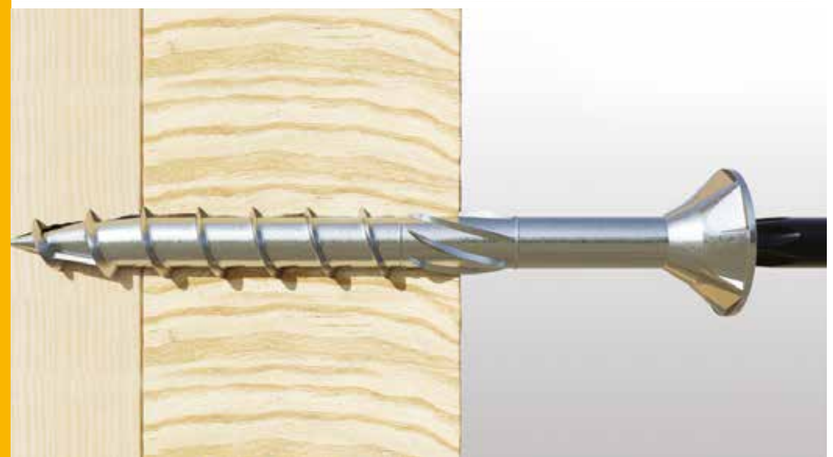
Cylindrical head with threading located directly below for deep installation as a reinforcement

Double thread with different pitch values **increases clamping force** to secure the fixture and substrate together

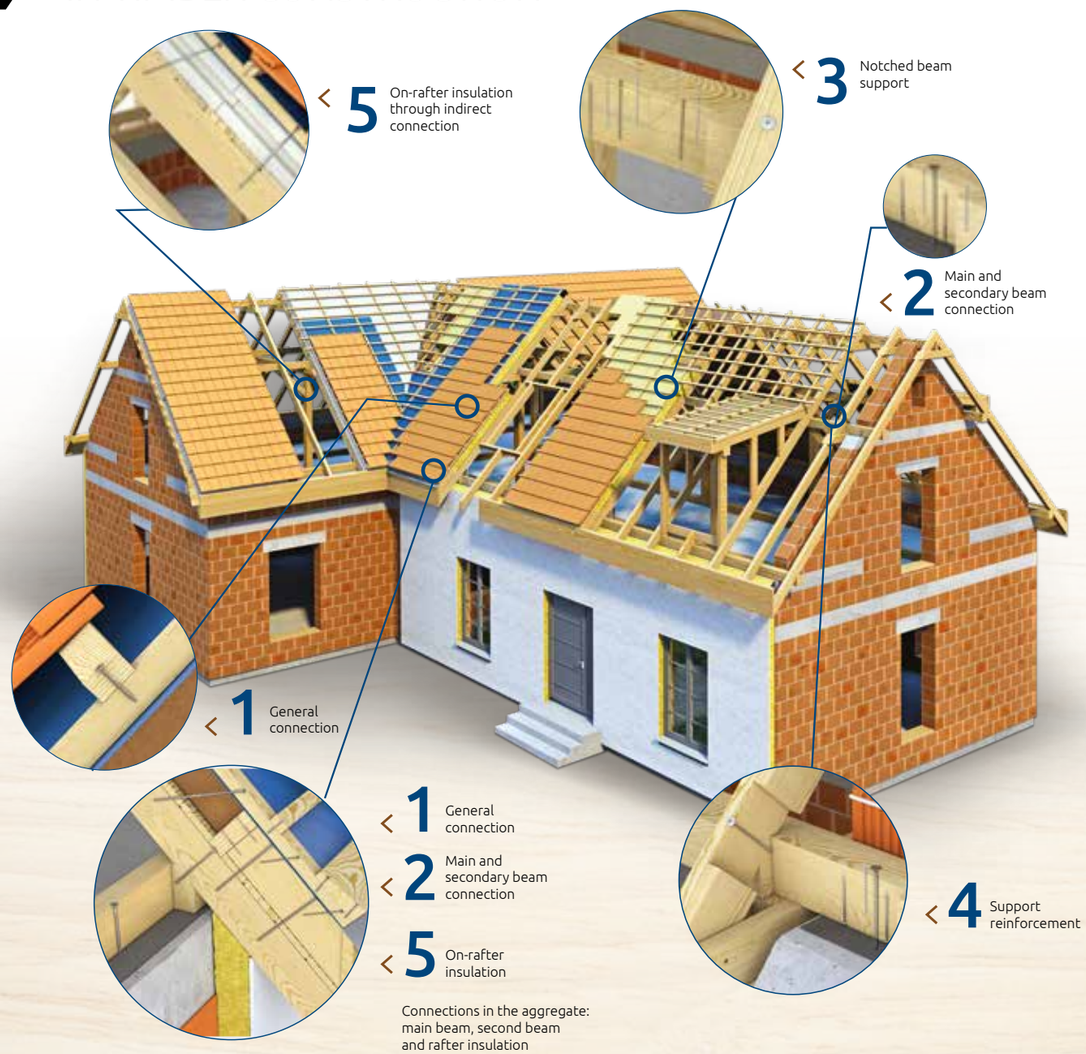
Transverse blades tip ensures quick, smooth and easy installation







CONNECTIONS
IN TIMBER CONSTRUCTION

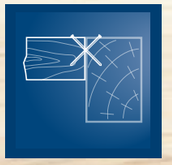


EasyFix

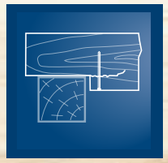
TIMBER CALCULATION SECTION IN EASY-FIX CALCULATION SOFTWARE ALLOWS FOR CALCULATION OF KEY CONNECTIONS IN WOODEN STRUCTURES

1 GENERAL CONNECTION

2 MAIN AND SECONDARY BEAM CONNECTINO



3 NOTCHED BEAM SUPPORT



4 SUPPORT REINFORCEMENT

5 ON RAFTER INSULATION

Overview of our range

	Screws		R-PTX	R-PTK	R-PVS	R-PVZ	R-PCZ	R-DSX
TYPE OF HEAD	COUNTERSUNK, TX DRIVE		V	-	V	-	-	V
	WAFER HEAD, TX DRIVE		-	V	-	-	-	-
	CYLINDRICAL HEAD , TX DRIVE		-	-	-	V	V	-
TYPE OF THREAD	FULL THREAD		-	-	V	V	-	-
	PARTIAL THREAD		V	V	-	-	-	V
	DOUBLE THREAD		-	-	-	-	V	-
TECHNICAL DATA	LENGTH [mm]		20-400	40-400	80-400	80-400	65-400	30-120
	Diameter [mm]		3,0/4,0/4,5 5,0/6,0/8,0	6,0/8,0	6,0/8,0	6,0/8,0	6,5/8,5	4,0/4,5/5,0
SUBSTRATES	WOOD BOARD		V	V	V	V	V	-
	STRUCTURAL TIMBER		V	V	V	V	V	V
	CHIPBOARD		V	V	-	-	-	V
	ORIENTED STRAND BOARD		V	V	-	-	-	-
	PLYWOOD		V	V	-	-	-	V
	DECKING BOARDS		-	-	-	-	-	V
	EXOTIC WOOD		-	-	-	-	-	V
	LAMINATE		-	-	-	-	-	V
	APPROVALS	CE	ETA-21/0797 PN-EN 14592 + A1:2012	ETA-21/0797 PN-EN 14592 + A1:2012	ETA-21/0797	ETA-21/0797	ETA-21/0797	PN-EN 14592 + A1:2012

R-PTX CONSTRUCTION SCREW WITH COUNTERSUNK HEAD AND PARTIAL THREAD

NEW

Construction screw with countersunk head and partial thread

CR6 free

FEATURES AND BENEFITS

- 8 Notches under head slow down the screw and prevent uncontrolled destruction of the surface of the wood, allowing for smooth finish. Ideal also for metal fittings.
- Re-designed TX socket allows for tight conection with the bit
- Precisely rolled tip allows to start drilling immediately
- Crosswide drilling feathers push the wood fibers instead of cutting them, creating a hole of a correct diameter. It prevents from cracking and clogging the thread in the hole
- Milling point with reduced diameter to minimize required torque
- White zinc plating is not harmful for the environment
- TX drive with a unified size across the diameters to limit the quantity of bits required

APPROVALS AND REPORTS

- ETA-21/0797
- PN-EN 14592 + A1:2012

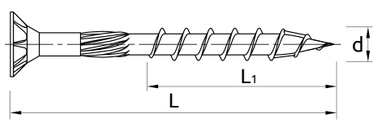
APPLICATIONS

- All applications

BASE MATERIALS

Approved for use in:

- Wood board
- Oriented strand board
- Plywood
- Structural timber
- Solid wood panels



Size	Rawlplug code	Screw			Screw drive	Quantity	
		Diameter	Length			Box small	Box standard
		d	L	L1			
		mm	mm	mm		pcs	
3.0	R-PTX-30020	3	20	12	T10	200	1000
	R-PTX-30025	3	25	15	T10	200	1000
	R-PTX-30030	3	30	17	T10	200	1000
	R-PTX-30035	3	35	21	T10	200	1000
4.0	R-PTX-40060	4	60	35	T25	200	500
	R-PTX-40070	4	70	40	T25	200	500
4.5	R-PTX-45060	4.5	60	35	T25	100	250
	R-PTX-45070	4.5	70	40	T25	100	250
	R-PTX-45080	4.5	80	50	T25	100	250
5.0	R-PTX-50055	5	55	35	T25	100	500
	R-PTX-50060	5	60	35	T25	100	500
	R-PTX-50070	5	70	40	T25	100	200
	R-PTX-50080	5	80	50	T25	100	200
	R-PTX-50090	5	90	50	T25	100	200
	R-PTX-50100	5	100	60	T25	100	200
	R-PTX-50120	5	120	60	T25	100	200
6.0	R-PTX-60060	6	60	35	T25	100	200
	R-PTX-60070	6	70	40	T25	100	200
	R-PTX-60080	6	80	50	T25	100	200
	R-PTX-60090	6	90	50	T25	100	200
	R-PTX-60100	6	100	60	T25	50	100
	R-PTX-60110	6	110	60	T25	50	100
	R-PTX-60120	6	120	60	T25	50	100
	R-PTX-60130	6	130	60	T25	50	100
	R-PTX-60140	6	140	70	T25	50	100
	R-PTX-60150	6	150	70	T25	50	100

Size	Rawlplug code	Screw			Screw drive	Quantity	
		Diameter	Length			Box small	Box standard
		d	L	L1			
		mm	mm	mm		pcs	
6.0	R-PTX-60160	6	160	70	T25	50	100
	R-PTX-60180	6	180	70	T25	50	100
	R-PTX-60200	6	200	70	T25	50	100
	R-PTX-60220	6	220	70	T25	50	100
	R-PTX-60240	6	240	70	T25	50	100
	R-PTX-60260	6	260	70	T25	50	100
	R-PTX-60280	6	280	70	T25	50	100
	R-PTX-60300	6	300	70	T25	50	100
8.0	R-PTX-80080	8*	80	50	T40	25	50
	R-PTX-80100	8*	100	60	T40	25	50
	R-PTX-80120	8*	120	70	T40	25	50
	R-PTX-80140	8*	140	80	T40	25	50
	R-PTX-80160	8*	160	100	T40	25	50
	R-PTX-80180	8*	180	100	T40	25	50
	R-PTX-80200	8*	200	100	T40	25	50
	R-PTX-80220	8*	220	100	T40	20	50
	R-PTX-80240	8*	240	100	T40	20	50
	R-PTX-80260	8*	260	100	T40	20	50
	R-PTX-80280	8*	280	100	T40	20	50
	R-PTX-80300	8*	300	100	T40	15	50
	R-PTX-80320	8*	320	100	T40	15	50
	R-PTX-80340	8*	340	100	T40	15	50
	R-PTX-80360	8*	360	100	T40	15	50
	R-PTX-80380	8*	380	100	T40	15	50
	R-PTX-80400	8*	400	100	T40	15	50

* product with ETA-21/0797

R-PTK CONSTRUCTION SCREW WITH WAFER HEAD AND PARTIAL THREAD

NEW

Construction screw with wafer head and partial thread

CR6 free

FEATURES AND BENEFITS

- Re-designed TX socket allows for tight conection with the bit
- Precisely rolled tip allows to start drilling immediately
- Crosswide drilling feathers push the wood fibers instead of cutting them, creating a hole of a correct diameter. It prevents from cracking and clogging the thread in the hole
- Milling point with reduced diameter to minimize required torque
- White zinc plating is not harmful for the environment
- TX drive with a unified size across the diameters to limit the quantity of bits required

APPROVALS AND REPORTS

- ETA-21/0797
- PN-EN 14592 + A1:2012

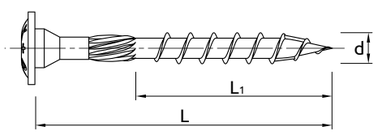
APPLICATIONS

- Insertion of timber construction
- Wall connections in timber framing
- Rafter purlin joints
- Heavy timber construction
- Bowers
- Wooden fences
- Connection wooden elements

BASE MATERIALS

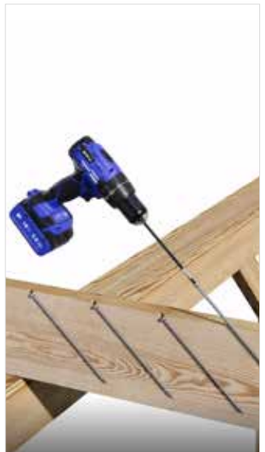
Approved for use in:

- Wood board
- Oriented strand board
- Plywood
- Structural timber
- Solid wood panels



Size	Rawlplug code	Screw			Screw drive	Quantity	
		Diameter	Length			Box small	Box standard
		d	L	L1			
		mm	mm	mm		pcs	
6.0	R-PTK-60040	6	40	25	T30	100	200
	R-PTK-60050	6	50	32	T30	100	200
	R-PTK-60060	6	60	35	T30	100	200
	R-PTK-60070	6	70	40	T30	100	200
	R-PTK-60080	6	80	50	T30	100	200
	R-PTK-60100	6	100	60	T30	50	100
	R-PTK-60120	6	120	60	T30	50	100
	R-PTK-60140	6	140	70	T30	50	100
	R-PTK-60160	6	160	70	T30	50	100
	R-PTK-60180	6	180	70	T30	50	100
	R-PTK-60200	6	200	70	T30	50	100
	R-PTK-60220	6	220	70	T30	50	100
8.0	R-PTK-80080	8*	80	50	T40	25	50
	R-PTK-80100	8*	100	60	T40	25	50
	R-PTK-80120	8*	120	70	T40	25	50
	R-PTK-80140	8*	140	80	T40	25	50
	R-PTK-80160	8*	160	100	T40	25	50
	R-PTK-80180	8*	180	100	T40	25	50
	R-PTK-80200	8*	200	100	T40	25	50
	R-PTK-80220	8*	220	100	T40	25	50
	R-PTK-80240	8*	240	100	T40	25	50
	R-PTK-80260	8*	260	100	T40	25	50
	R-PTK-80280	8*	280	100	T40	25	50
	R-PTK-80300	8*	300	100	T40	15	50
	R-PTK-80320	8*	320	100	T40	15	50
	R-PTK-80340	8*	340	100	T40	15	50
	R-PTK-80360	8*	360	100	T40	15	50
	R-PTK-80380	8*	380	100	T40	15	50
	R-PTK-80400	8*	400	100	T40	15	50

* product with ETA-21/0797



RAWLPLUG® | SCREWS

R-PVZ

CONSTRUCTION SCREW WITH CYLINDER HEAD AND FULL THREAD

NEW

Construction screw with cylinder head and full thread

CR6 free

FEATURES AND BENEFITS

- Redesigned TX drive allows for tight conection with the bit
- Precisely rolled tip allows to start drilling immediately
- Crosswide drilling feathers push the wood fibers instead of cutting them, creating a hole of a correct diameter. It prevents from cracking and clogging the thread in the hole
- White zinc plating is not harmful for the environment

APPROVALS AND REPORTS

- ETA-21/0797

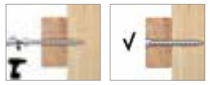
APPLICATIONS

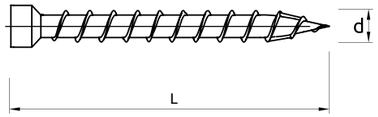
- Structural reinforcements
- For concealed joints

BASE MATERIALS

Approved for use in:

- Structural timber
- Wood board
- Solid wood panels





Size	Rawlplug code	Screw		Screw drive	Quantity	
		Diameter	Length		Box small	Box standard
		d	L			
		mm	mm		pcs	
6.0	R-PVZ-60080	6	80	T30	100	200
	R-PVZ-60100	6	100	T30	50	100
	R-PVZ-60120	6	120	T30	50	100
	R-PVZ-60140	6	140	T30	50	100
	R-PVZ-60160	6	160	T30	50	100
	R-PVZ-60180	6	180	T30	50	100
	R-PVZ-60200	6	200	T30	50	100
	R-PVZ-60220	6	220	T30	50	100
	R-PVZ-60240	6	240	T30	50	100
	R-PVZ-60260	6	260	T30	50	100
	R-PVZ-60280	6	280	T30	50	100
	R-PVZ-60300	6	300	T30	50	100
8.0	R-PVZ-80100	8	100	T40	25	50
	R-PVZ-80120	8	120	T40	25	50
	R-PVZ-80140	8	140	T40	25	50
	R-PVZ-80160	8	160	T40	25	50
	R-PVZ-80180	8	180	T40	25	50
	R-PVZ-80200	8	200	T40	25	50
	R-PVZ-80220	8	220	T40	20	50
	R-PVZ-80240	8	240	T40	20	50
	R-PVZ-80260	8	260	T40	20	50
	R-PVZ-80280	8	280	T40	20	50
	R-PVZ-80300	8	300	T40	15	50
	R-PVZ-80350	8	350	T40	15	50
	R-PVZ-80400	8	400	T40	15	50

RAWLPLUG® | SCREWS

R-PVS

CONSTRUCTION SCREW WITH COUNTERSUNK HEAD AND FULL THREAD

NEW

Construction screw with countersunk head and full thread

CR6 Free

FEATURES AND BENEFITS

- 8 Notches under head slow down the screw and prevent uncontrolled destruction of the surface of the wood, allowing for smooth finish. Ideal also for metal fittings.
- Re-designed TX socket allows for tight conection with the bit
- Precisely rolled tip allows to start drilling immediately
- Crosswide drilling feathers push the wood fibers instead of cutting them, creating a hole of a correct diameter. It prevents from cracking and clogging the thread in the hole
- White zinc plating is not harmful for the environment
- TX drive with a unified size across the diameters to limit the quantity of bits required

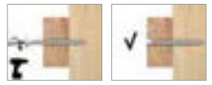
APPLICATIONS

- Structural reinforcements

BASE MATERIALS

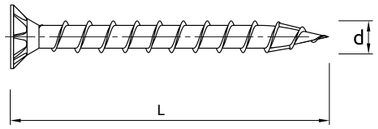
Approved for use in:

- Structural timber
- Wood board
- Solid wood panels



APPROVALS AND REPORTS

- ETA-21/0797



Size	Rawlplug code	Screw		Screw drive	Quantity	
		Diameter	Length		Box small	Box standard
		d	L			
		mm	mm		pcs	
6.0	R-PVS-60080	6	80	T30	100	200
	R-PVS-60100	6	100	T30	50	100
	R-PVS-60120	6	120	T30	50	100
	R-PVS-60140	6	140	T30	50	100
	R-PVS-60160	6	160	T30	50	100
	R-PVS-60180	6	160	T30	50	100
	R-PVS-60200	6	200	T30	50	100
	R-PVS-60220	6	220	T30	50	100
	R-PVS-60240	6	240	T30	50	100
	R-PVS-60260	6	260	T30	50	100
	R-PVS-60280	6	280	T30	50	100
	R-PVS-60300	6	300	T30	50	100
8.0	R-PVS-80100	8	100	T40	25	50
	R-PVS-80120	8	120	T40	25	50
	R-PVS-80140	8	140	T40	25	50
	R-PVS-80160	8	160	T40	25	50
	R-PVS-80180	8	180	T40	25	50
	R-PVS-80200	8	200	T40	25	50
	R-PVS-80220	8	220	T40	20	50
	R-PVS-80240	8	240	T40	20	50
	R-PVS-80260	8	260	T40	20	50
	R-PVS-80280	8	280	T40	20	50
	R-PVS-80300	8	300	T40	15	50
	R-PVS-80350	8	350	T40	15	50
	R-PVS-80400	8	400	T40	15	50

R-DSX GINGER RUSPERT DECKING SCREW

Decking screws for outdoor applications of wood and chipboard

FEATURES AND BENEFITS

- Produced of hardened carbon steel with coating layer to avoid stain in outdoor applications
- No pre-drilling reqiured
- Drilling point to the very top of the screw for fast start
- The partial thread on the shaft of the screw allows multiple elements to be clamped together securely without separation
- Trim countersunk head with cutting ribs for easy countersinking and a precise flush finish
- TX drive quarantees secure transmission of screw-in torque and no pop-out of the bit
- Notched thread and wax coating for reduced friction
- Crack avoidance
- Energy saving screwdriver due to the minimized torque required to fixing the screw.

APPLICATIONS

- Decking
- Wooden elements exposed to water or mist
- Outdoor chipboard constructions
- Laminated wood and exotic wood construction
- Wooden fences

BASE MATERIALS

Approved for use in:

- Decking boards
- Exotic Wood
- Wood
- Chipboard
- Plywood
- Laminate
- PVC Profile

APPROVALS AND REPORTS

- PN-EN 14592 + A1:2012

CE

Installation guide movie

Size	Rawlplug code	Screw				Screw drive	Quantity	
		Diameter	Length	Thread length	Head diameter		Box	Outer
		mm	mm	mm	mm		pcs	pcs
4.0	R-DSX-4030	4.0	30	25	-	T15	200	6 400
	R-DSX-4040	4.0	40	24	4,6	T15	200	3 200
	R-DSX-4050	4.0	50	30	4,6	T15	200	3 200
	R-DSX-4060	4.0	60	36	4,6	T15	200	2 400
4.5	R-DSX-4540	4.5	40	24	4,6	T20	200	3 200
	R-DSX-4550	4.5	50	30	4,6	T20	200	3 200
	R-DSX-4560	4.5	60	36	4,6	T20	200	2 400
	R-DSX-4570	4.5	70	36	4,6	T20	100	1 600
	R-DSX-4580	4.5	80	36	4,6	T20	100	1 200
5.0	R-DSX-5050	5.0	50	30	8,0	T25	100	1 600
	R-DSX-5060	5.0	60	36	8,0	T25	100	1 600
	R-DSX-5070	5.0	70	42	8,0	T25	100	1 600
	R-DSX-5080	5.0	80	48	8,0	T25	100	1 200
	R-DSX-5100	5.0	100	60	8,0	T25	100	1 200
	R-DSX-5120	5.0	120	72	8,0	T25	100	1 200

R-DSX-A2 STAINLESS STEEL DECKING SCREWS

Decking screws for outdoor applications of wood and chipboard

FEATURES AND BENEFITS

- Stainless steel version to sustain mechanical properties for many years
- No pre-drilling reqiured
- Drilling point to the very top of the screw for fast start
- The partial thread on the shaft of the screw allows multiple elements to be clamped together securely without separation
- Trim countersunk head with cutting ribs for easy countersinking and a precise flush finish
- TX drive quarantees secure transmission of screw-in torque and no pop-out of the bit
- Notched thread and wax coating for reduced friction
- Crack avoidance
- Energy saving screwdriver due to the minimized torque required to fixing the screw

APPLICATIONS

- Decking
- Wooden elements exposed to water or mist
- Outdoor chipboard constructions
- Laminated wood and exotic wood construction
- Wooden fences
- Plywood

BASE MATERIALS

Approved for use in:

- Decking boards
- Exotic Wood
- Wood
- Chipboard
- Plywood
- Laminate
- PVC Profile

APPROVALS AND REPORTS

- PN-EN 14592 + A1:2012

CE

Installation guide movie

Size	Rawlplug code	Screw				Screw drive	Quantity	
		Diameter	Length	Thread length	Head diameter		Box	Outer
		mm	mm	mm	mm		pcs	pcs
4.0	R-DSX-4030-A2	4.0	30	25	-	T15	200	6 400
	R-DSX-4040-A2	4.0	40	24	4,6	T15	200	3 200
	R-DSX-4050-A2	4.0	50	30	4,6	T15	200	3 200
	R-DSX-4060-A2	4.0	60	36	4,6	T15	200	2 400
4.5	R-DSX-4540-A2	4.5	40	24	4,6	T20	200	3 200
	R-DSX-4550-A2	4.5	50	30	4,6	T20	200	3 200
	R-DSX-4560-A2	4.5	60	36	4,6	T20	200	2 400
	R-DSX-4570-A2	4.5	70	36	4,6	T20	100	1 600
	R-DSX-4580-A2	4,5	80	36	4,6	T20	100	1 200
5.0	R-DSX-5050-A2	5.0	50	30	8,0	T25	100	1 600
	R-DSX-5060-A2	5.0	60	36	8,0	T25	100	1 600
	R-DSX-5070-A2	5.0	70	42	8,0	T25	100	1 600
	R-DSX-5080-A2	5.0	80	48	8,0	T25	100	1 200
	R-DSX-5100-A2	5.0	100	60	8,0	T25	100	1 200
	R-DSX-5120-A2	5.0	120	72	8,0	T25	100	1 200

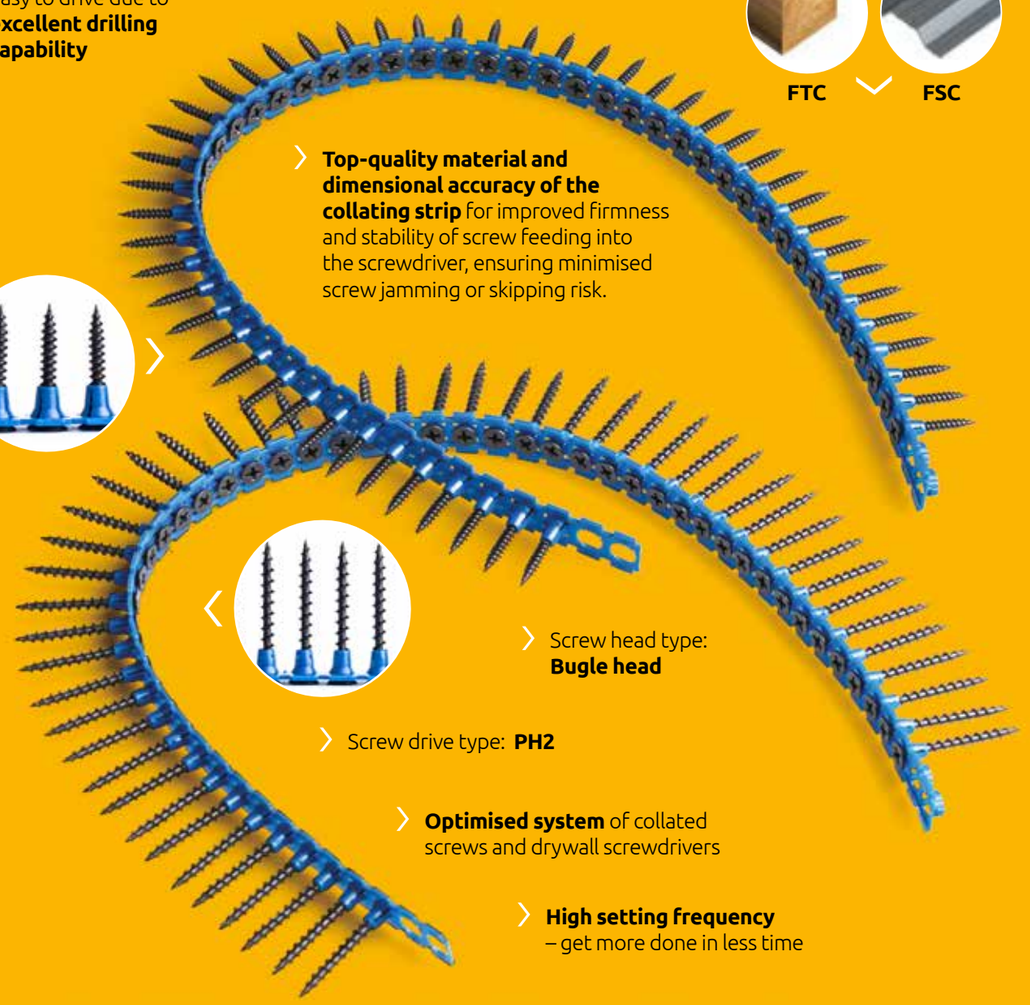
PHOSPHATE-COATED FOR WOOD AND METAL

COLLATED DRYWALL SCREWS

FTC

FSC

- Easy to drive due to **excellent drilling capability**



- **Top-quality material and dimensional accuracy of the collating strip** for improved firmness and stability of screw feeding into the screwdriver, ensuring minimised screw jamming or skipping risk.

- Screw head type: **Bugle head**
- Screw drive type: **PH2**
- **Optimised system** of collated screws and drywall screwdrivers
- **High setting frequency** – get more done in less time

- Designed for **use with the R-PDS18** screwdriver 18V

R-FTC DRYWALL COLLATED SCREWS FOR WOOD

Coarse thread drywall screw for fixing plasterboards to wooden framing

FTC

FEATURES AND BENEFITS

- Top-quality material and dimensional accuracy of the collating strip for improved firmness and stability of screw feeding into the screwdriver, ensuring minimised screw jamming or skipping risk.
- Optimised screw tip geometry - excellent drilling capability
- No pre-drilling required.
- Low-carbon steel with black phosphate finish for increased durability
- Bugle head with PH2 drive designed to finish flush with plasterboard

APPLICATIONS

- Fastening plasterboard walls to wooden framework

BASE MATERIALS

Approved for use in:

- Fastening drywall boards to wood substructures

Rawlplug code	Screw		Fasteners per strip	Quantity	
	Diameter	Length		Box	Pallet
	mm			pcs.	
R-FTC-3525	3.5	25	50	1000	180.000
R-FTC-3535	3.5	35	50	1000	180.000
R-FTC-3538	3.5	38	50	1000	180.000
R-FTC-3545	3.5	45	50	1000	180.000
R-FTC-3555	3.5	55	50	1000	180.000
R-FTC-3935-OC	3.9	35	50	1000	180.000
R-FTC-3938-OC	3.9	38	50	1000	180.000
R-FTC-3945-OC	3.9	45	50	1000	180.000
R-FTC-3955-OC	3.9	55	50	1000	180.000

R-FSC I R-WSC DRYWALL COLLATED SCREWS FOR METAL

Drywall screw with fine thread for plasterboard fixing

FSC

FEATURES AND BENEFITS

- Top-quality material and dimensional accuracy of the collating strip for improved firmness and stability of screw feeding into the screwdriver, ensuring minimised screw jamming or skipping risk.
- Optimised screw tip geometry - excellent drilling capability
- Low-carbon steel with black phosphate finish for increased durability
- Bugle head with PH2 drive designed to finish flush with plasterboard
- No pre-drilling required

APPLICATIONS

- Fastening plasterboard to metal framework (up to 0.88 mm)

BASE MATERIALS

Approved for use in:

- Structural Steel

Rawlplug code	Screw		Fasteners per strip	Quantity	
	Diameter	Length		Box	Pallet
	mm			pcs.	
R-FSC-3525	3.5	25	50	1000	180.000
R-FSC-3538	3.5	38	50	1000	180.000
R-FSC-3545	3.5	45	50	1000	180.000
R-FSC-3935	3.9	35	50	1000	180.000
R-FSC-3945	3.9	45	50	1000	180.000
R-FSC-3955	3.9	55	50	1000	180.000
R-WSC-3535	3.5	35	50	1000	180.000
R-WSC-3545	3.5	45	50	1000	180.000
R-WSC-3555	3.5	55	50	1000	180.000

SCREWS FOR CURTAIN WALLS

Optimised head height for **secure setting in socket and comfortable installation work**

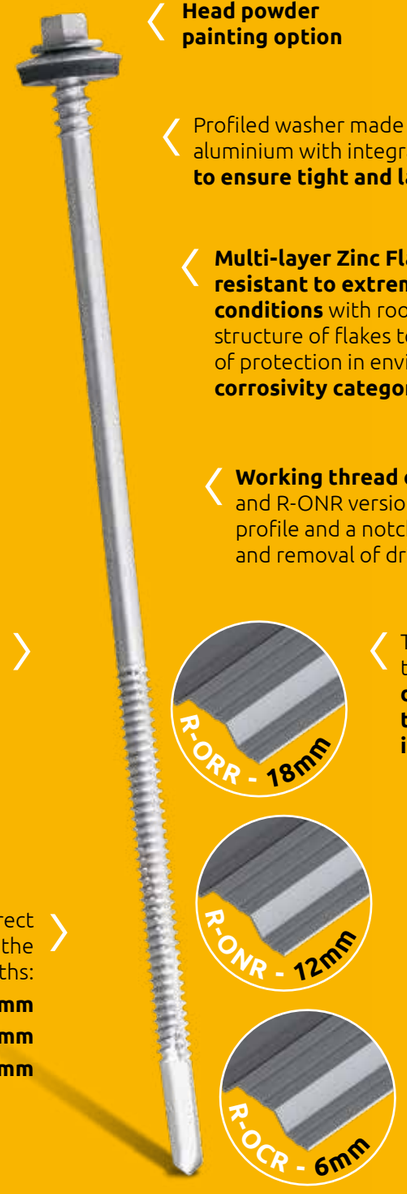
Supporting thread to help in **adequate sealing washer pressing and to minimise the panel lining deflection risk**

Augmented diameter threads in the R-ORR version to **ensure transfer of maximum forces on installation in the thickest steel substrates**

Hardened surface of the fastener **improves its mechanical strength while maintaining its elasticity required to compensate panel lining displacement**

Drilling tip that enables direct installation in substrates with the following maximum depths:

- **R-OCR: 6 mm**
- **R-ONR: 12 mm**
- **R-ORR: 18 mm**



Head powder painting option

Profiled washer made of high-strength aluminium with integrated EPDM layer **to ensure tight and lasting joints**

Multi-layer Zinc Flake coating resistant to extremely corrosive conditions with roof tile-like overlapped structure of flakes to ensure long years of protection in environments of **corrosivity category up to C4**

Working thread of the R-ORR and R-ONR versions with a self-tapping profile and a notch that make cutting and removal of drillings easier

The R-OCR working thread's pitch geometry **dedicated to installation in steel sections**

R-OCR

SELF-DRILLING SCREWS FOR COMPOSITE PANELS, MAX 6MM

Special-design drilling point ensuring fast and effortless fixing to metal structures made of cold-formed sections

R-OCR

FEATURES AND BENEFITS

- Coloured protective polyester coating of 45-50 µm in thickness (RAL, NCS, RR) ensuring additional corrosion protection and perfectly matching the steel decking colour. UV stabilisers guarantee colour stability over a long service life.
- Surface-hardened thread (combined with a core which maintains flexibility). Zinc coating of at least 12 µm in thickness for improved corrosion protection.
- Thread profile and length directly linked with the self-drilling fastener's intended use for fixing composite panels to steel structures.
- Two types of thread: one is intended for fixing to steel structures, and the other one directly under the screw head, having a higher pitch, protects the outer panel lining against dents and helps in sealing the joint.
- Drilling point of specially designed aggressive profile ensuring quick and effortless fixing to steel substrates. It allows you to complete drilling, tapping and fixing of elements together in one go. The sharp drilling point tip prevents the screw from slipping on the fixture surface.
- Self-vulcanising EPDM sealing washer.
- Temperature variation and UV resistant. Thanks to the special washer shape, the sealing material adheres properly to the outer fixture lining which guarantees efficient joint sealing.

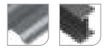
APPLICATIONS

- For fixing of: Composite panels to cold-formed steel structures

BASE MATERIALS

Approved for use in:

- Structural Steel



APPROVALS AND REPORTS

- ETA-17/0518

Size	Rawlplug code	Screw			Head size	Thickness of sandwich panels [mm]	Quantity		
		Diameter		Length			Box	Outer	Pallet
		d1	d						
		mm		mm			pcs		
5.0	R-OCR-55/63090A19	6.3	5.5	90	8	35-70	100	800	25600
	R-OCR-55/63110A19	6.3	5.5	110	8	50-90	100	800	25600
	R-OCR-55/63125A19	6.3	5.5	125	8	55-105	100	800	25600
	R-OCR-55/63150A19	6.3	5.5	150	8	70-130	100	800	25600
	R-OCR-55/63175A19	6.3	5.5	175	8	90-135	100	800	25600
	R-OCR-55/63200A19	6.3	5.5	200	8	110-118	100	800	25600
	R-OCR-55/63230A19	6.3	5.5	230	8	150-210	100	-	28800
	R-OCR-55/63275A19	6.3	5.5	275	8	180-255	100	-	11200

R-ONR

SELF-DRILLING SCREWS FOR COMPOSITE PANELS, MAX 12MM

Drilling point of specially designed aggressive profile ensuring quick and effortless fixing to hot-rolled steel substrates

R-ONR

FEATURES AND BENEFITS

- Coloured protective polyester coating of 45-50 µm in thickness (RAL, NCS, RR) ensuring additional corrosion protection and perfectly matching the steel decking colour.
- UV stabilisers guarantee colour stability over a long service life.
- Surface-hardened thread (combined with a core which maintains flexibility). Zinc coating of at least 12 µm in thickness for improved corrosion protection.
- Thread profile and length directly linked with the self-drilling fastener's intended use for fixing composite panels to steel structures.
- Two types of thread: one is intended for fixing to steel structures, and the other one directly under the screw head, having a higher pitch, protects the outer panel lining against dents and helps in sealing the joint.
- Drilling point of specially designed aggressive profile ensuring quick and effortless fixing to steel substrates. It allows you to complete drilling, tapping and fixing of elements together in one go. The sharp drilling point tip prevents the screw from slipping on the fixture surface.
- Self-vulcanising EPDM sealing washer.
- Temperature variation and UV resistant. Thanks to the special washer shape, the sealing material adheres properly to the outer fixture lining which guarantees efficient joint sealing.

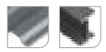
APPLICATIONS

- For fixing of: Composite panels to thick wall hot rolled steel sections
- For fixing of: Composite panels to cold formed sections structures

BASE MATERIALS

Approved for use in:

- Hot-rolled steel section
- Cold-rolled steel section



APPROVALS AND REPORTS

- ETA-17/0518

R-ONR

SELF-DRILLING SCREWS FOR COMPOSITE PANELS, MAX 12MM (cont.)

Size	Rawlplug code	Screw			Head size	Thickness of sandwich panels [mm]	Quantity		
		Diameter		Length			Box	Outer	Pallet
		d1	d						
		mm		mm			pcs		
5.0	R-ONR-55/63101A19	6.3	5.5	101	8	20-70	100	800	25600
	R-ONR-55/63121A19	6.3	5.5	121	8	35-90	100	800	25600
	R-ONR-55/63141A19	6.3	5.5	141	8	55-110	100	800	25600
	R-ONR-55/63161A19	6.3	5.5	161	8	75-125	100	800	25600
	R-ONR-55/63191A19	6.3	5.5	191	8	105-160	100	800	25600
	R-ONR-55/63211A19	6.3	5.5	211	8	125-180	100	800	25600
	R-ONR-55/63241A19	6.3	5.5	241	8	250-310	100	100	28800
	R-ONR-55/63261A19	6.3	5.5	261	8	175-230	100	100	11200
	R-ONR-55/63291A19	6.3	5.5	291	8	200-260	100	100	11200
	R-ONR-55/63341A19	6.3	5.5	341	8	250-310	100	100	11200

R-ORR

SELF-DRILLING SCREWS FOR COMPOSITE PANELS, MAX 18MM

Special zinc flake corrosion-resistant coating for highly effective protection

R-ORR

FEATURES AND BENEFITS

- Hardened screw's thread surface. High quality anti-corrosion coating guarantees resistance of 15 Kesternich cycles.
- Coloured polyester protective coating with a thickness of 45-50 um (RAL, NCS, RR), provides additional protection against corrosion. Various colours available to suit all metal sheet variants. UV stabilizers ensure colour quality over a long period of use.
- The shape of the thread and its height is designed for applications into sandwich panels and steel construction.
- Two types of threads: one designed for mounting into a steel structure, second under head thread, prevents external panel dents and helps to seal the connection.
- Self vulcanizing EPDM washer. Temperature and UV resistant. The special shape of the washer ensures proper seating of the sealing material on the outer cladding material fixture which guarantees a proper seal.
- Special zinc flake corrosion-resistant coating for anti-corrosion protection.

APPLICATIONS

- Composite panels to thick wall hot rolled steel sections

BASE MATERIALS

Approved for use in:

- Hot-rolled steel section

APPROVALS AND REPORTS

- ETA-17/0518

Size	Rawlplug code	Screw			Head size	Thickness of sandwich panels [mm]	Quantity		
		Diameter		Length			Box	Outer	Pallet
		d1	d						
		mm		mm			pcs		
6.3	R-ORR-63/70109A19	7.0	6.3	109	8	40-70	100	100	28800
	R-ORR-63/70129A19	7.0	6.3	129	8	45-90	100	100	28800
	R-ORR-63/70149A19	7.0	6.3	149	8	65-110	100	100	28800
	R-ORR-63/70169A19	7.0	6.3	169	8	80-130	100	100	28800
	R-ORR-63/70179A19	7.0	6.3	179	8	95-140	100	100	28800
	R-ORR-63/70199A19	7.0	6.3	199	8	110-160	100	100	28800
	R-ORR-63/70219A19	7.0	6.3	219	8	135-180	100	100	28800
	R-ORR-63/70249A19	7.0	6.3	249	8	165-210	100	100	11200
	R-ORR-63/70259A19	7.0	6.3	259	8	170-220	100	100	11200
	R-ORR-63/70269A19	7.0	6.3	269	8	180-230	100	100	11200
	R-ORR-63/70309A19	7.0	6.3	309	8	210-260	100	100	11200

R-OTR

SELF-DRILLING SCREWS FOR COMPOSITE PANELS TO CONCRETE AND TIMBER

Special double thread type HiLo with cuts for drilling in wood and for embedding in concrete after pre-drilling.

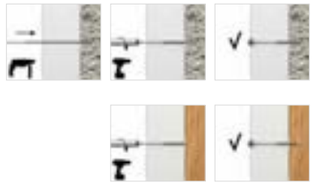
R-OTR

FEATURES AND BENEFITS

- Hardened screw's thread surface. High quality anti-corrosion coating guarantees resistance of 15 Kesternich cycles.
- Shape of the tip facilitating correct turning and allowing penetration in wood and concrete.
- The shape and type of screw's thread is designed specifically for connecting to concrete and wood. The drill point is designed to provide a fast and hassle-free installation. Sharp point of the drill prevents movement of the surface of the fixture.
- Special zinc flake coating for increased corrosion resistance.
- Self vulcanizing EPDM washer. Temperature and UV resistant. The special shape of the washer ensures proper seating of the sealing material on the outer cladding material fixture which guarantees a proper seal.
- Two type of thread : first for fixing in the ground, second with a larger pitch under the head protects against indentation of the outer cladding of the board and helps in sealing the connection.

APPLICATIONS

- Fixing of composite curtain wall cladding to concrete structures
- Fixing of composite curtain wall cladding to wooden structures
- Fixing of composite roofing panels to concrete structures
- Fixing of composite roofing panels to wooden structures



BASE MATERIALS

Approved for use in:

- Concrete C20/25
- Wood
- Timber

APPROVALS AND REPORTS

- ETA-17/0518
- ITB-KOT-2017/0135

Size	Rawlplug code	Screw				Washer size	Drill diameter - concrete	Fixture		Quantity		
		Diameter		Length	Head size			Maximum thickness of el. mounted with washer - wood	Maximum thickness of el. mounted with washer - concrete	Box	Outer	Pallet
		d1	d									
		mm		mm	mm	mm	mm	t_{fix}		pcs		
6.3	R-OTR-63/70095A19	7.0	6.3	95	8	19	5,0	30-55	40-65	100	100	28800
	R-OTR-63/70115A19	7.0	6.3	115	8	19	5,0	50-70	60-80	100	100	28800
	R-OTR-63/70135A19	7.0	6.3	135	8	19	5,0	70-90	80-100	100	100	28800
	R-OTR-63/70155A19	7.0	6.3	155	8	19	5,0	90-110	100-120	100	100	28800
	R-OTR-63/70185A19	7.0	6.3	185	8	19	5,0	110-140	120-150	100	100	28800
	R-OTR-63/70205A19	7.0	6.3	205	8	19	5,0	145-160	155-170	100	100	28800
	R-OTR-63/70235A19	7.0	6.3	235	8	19	5,0	170-200	180-200	100	100	28800
	R-OTR-63/70255A19	7.0	6.3	255	8	19	5,0	190-210	200-220	100	100	11200

Construction Bolts

HV High-Strength Structural Bolting Assemblies for Preloading	207
SB Non-Preloaded Structural Bolting Assemblies	214

RAWLPLUG®

100 YEARS OF EXPERTISE IN FIXINGS, FASTENERS AND TOOLS

CONSTRUCTION BOLTS

RELIABLE and SAFE JOINT

Special coating that **reduces dirt** with molybdenum disulphide

Property grade 8.8 and 10.9 (Heat treatment process according to automotive specification CQI-9)

The only proposition of **assembly torque** on the market for SB (SELF-LOCK)

High fatigue resistance due to lack of ferrite delta

Hot dip galvanization (additionally process in accordance with Deutscher Schraubenverband e.V. requirements)

Full support from the manufacturer in **developing assembly methods**

Full product traceablitiy

Defined and controlled friction properties

Suitable for preloading according to EN 1090-2
K-class: **K1 0.10 ≤ k ≤ 0.16**
K-class: **K2 0.10 ≤ km≤0.23; Vk≤0.06**
and modified method acc. to
DASt - Richtlinie 024 / DIN EN 1993-1-8/NA

Suitable for preloading according to
DASt - Richtlinie 024 / DIN EN 1993-1-8/NA

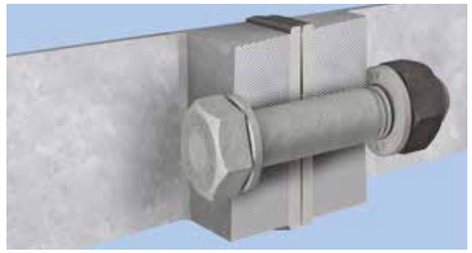
HV

SB

HV HIGH-STRENGTH STRUCTURAL BOLTING ASSEMBLIES FOR PRELOADING

HV Set (Bolt, Nut and Washers) acc. to EN 14399-4 and EN 14399-6

HV Set



FEATURES AND BENEFITS

- The perfect selection of thread fit allows easy by hand assembly.
- Possibility to test bolted connections during assembly, tested according to EN 14399-2.
- The ERP system enables 100% product identification and easy access to test results.
- The unique formula of molybdenum disulphide guarantees compliance with the requirements of k-class K1 and K2. Limiting the dissolution of the coating in water and dirting.
- Transparent label of the product informing about the basic parameters of the product and values required for assembly.
- The strength of the HV and SB sets is confirmed by the CQI-9 certificate
- Reduction of the risk of hydrogen embrittlement by acid-free pre-treatment before hot dip galvanizing.
- Customer support by a team of laboratories, assistance in the selection of assembly methods.
- The possibility of packing assembled sets thanks to the use of a semi-automatic machine.

CATEGORIES OF BOLTED CONNECTIONS

Shear connections:

- Category A: Bearing Type connections
- Category B: Slip-resistant at serviceability limit state
- Category C: Slip-resistant at ultimate limit state

Tension connections:

- Category D: Non-preloaded
- Category E: Preloaded

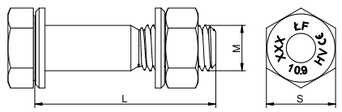
APPLICATIONS

- Halls
- Bridges
- Trading centres
- Roof constructions
- Internal building skeletons with large lateral spread
- Multi-level parkings
- Wind turbines

APPROVALS AND REPORTS

- **DoP Number 2018/06/04/CPR/HV10.9**
- **Certificate no 0045-CPR-1145/2**
- Certificate of Conformity EN 1090-2
- Certificate of Conformity EN 14399
- Certificate of Conformity EN 15048
- Certificate of Conformity IATF 16949
- Certificate of Conformity ISO 9001
- Certificate of Conformity ISO 14001
- Certificate of Conformity AD 2000

CE 0045



Size	Index	Thread	Length	Wrench S	Clamp length Σt	MA	Additional angle of rotatation	Fv	Box	Pallet
			[mm]	[mm]	[mm]	[Nm]	[°]	[kN]	[pcs]	[pcs]
12	EN 14399-4 (HV) - M12x30 - 10.9 HDG	M12	30	22	11 - 16	70	60	59	100	12500
	EN 14399-4 (HV) - M12x35 - 10.9 HDG	M12	35	22	16 - 21	70	60	59	100	10000
	EN 14399-4 (HV) - M12x40 - 10.9 HDG	M12	40	22	21 - 26	70	60	59	100	10000
	EN 14399-4 (HV) - M12x45 - 10.9 HDG	M12	45	22	26 - 31	70	90	59	100	10000
	EN 14399-4 (HV) - M12x50 - 10.9 HDG	M12	50	22	31 - 36	70	90	59	100	7500
	EN 14399-4 (HV) - M12x55 - 10.9 HDG	M12	55	22	36 - 41	70	90	59	100	7500
	EN 14399-4 (HV) - M12x60 - 10.9 HDG	M12	60	22	41 - 46	70	90	59	50	7500
	EN 14399-4 (HV) - M12x65 - 10.9 HDG	M12	65	22	46 - 51	70	90	59	50	6250
	EN 14399-4 (HV) - M12x70 - 10.9 HDG	M12	70	22	51 - 56	70	90	59	50	6250
	EN 14399-4 (HV) - M12x75 - 10.9 HDG	M12	75	22	56 - 61	70	90	59	50	6250
	EN 14399-4 (HV) - M12x80 - 10.9 HDG	M12	80	22	61 - 66	70	90	59	50	6250
	EN 14399-4 (HV) -M12 x85 -10.9 HDG	M12	85	22	66 - 71	70	90	59	50	6250
	EN 14399-4 (HV) -M12 x90 -10.9 HDG	M12	90	22	71 - 76	70	120	59	50	6250
	EN 14399-4 (HV) -M12 x95 -10.9 HDG	M12	95	22	76 - 81	70	120	59	50	6250
	EN 14399-4 (HV) -M12 x100 -10.9 HDG	M12	100	22	81 - 86	70	120	59	50	5000
	EN 14399-4 (HV) -M12 x105 -10.9 HDG	M12	105	22	86 - 91	70	120	59	50	5000

HV HIGH-STRENGTH STRUCTURAL BOLTING ASSEMBLIES FOR PRELOADING

Size	Index	Thread	Length	Wrench S	Clamp length Σt	MA	Additional angle of rotatation	Fv	Box	Pallet
			[mm]	[mm]	[mm]	[Nm]	[°]	[kN]	[pcs]	[pcs]
12	EN 14399-4 (HV) -M12 x110 -10.9 HDG	M12	110	22	91 - 96	70	120	59	50	5000
	EN 14399-4 (HV) -M12 x115 -10.9 HDG	M12	115	22	96 - 101	70	120	59	50	5000
	EN 14399-4 (HV) -M12 x120 -10.9 HDG	M12	120	22	101 - 106	70	120	59	50	5000
	EN 14399-4 (HV) -M12 x125 -10.9 HDG	M12	125	22	106 - 111	70	120	59	50	5000
	EN 14399-4 (HV) -M12 x130 -10.9 HDG	M12	130	22	111 - 116	70	120	59	50	5000
	EN 14399-4 (HV) -M12 x135 -10.9 HDG	M12	135	22	116 - 121	70	120	59	50	5000
	EN 14399-4 (HV) -M12 x140 -10.9 HDG	M12	140	22	121 - 126	70	120	59	50	5000
	EN 14399-4 (HV) -M12 x145-10.9 HDG	M12	145	22	126 - 131	70	120	59	50	5000
	EN 14399-4 (HV) -M12 x150 -10.9 HDG	M12	150	22	131 - 136	70	120	59	50	5000
	EN 14399-4 (HV) -M12 x155 -10.9 HDG	M12	155	22	136 - 141	70	120	59	50	5000
	EN 14399-4 (HV) -M12 x160 -10.9 HDG	M12	160	22	141 - 146	70	120	59	25	5000
	EN 14399-4 (HV) -M12 x165 -10.9 HDG	M12	165	22	146 - 151	70	120	59	25	5000
	EN 14399-4 (HV) -M12 x170 -10.9 HDG	M12	170	22	151 - 156	70	120	59	25	5000
	EN 14399-4 (HV) -M12 x175 -10.9 HDG	M12	175	22	156 - 161	70	120	59	25	5000
	EN 14399-4 (HV) -M12 x180 -10.9 HDG	M12	180	22	161 - 166	70	120	59	25	5000
	EN 14399-4 (HV) -M12 x185 -10.9 HDG	M12	185	22	166 - 171	70	120	59	25	5000
	EN 14399-4 (HV) -M12 x190 -10.9 HDG	M12	190	22	171 - 176	70	120	59	25	5000
	EN 14399-4 (HV) -M12 x195 -10.9 HDG	M12	195	22	176 - 181	70	120	59	25	5000
	EN 14399-4 (HV) -M12 x200 -10.9 HDG	M12	200	22	181 - 186	70	120	59	25	5000
16	EN 14399-4 (HV) - M16x35 - 10.9 HDG	M16	35	27	12 - 17	170	60	110	50	5000
	EN 14399-4 (HV) - M16x40 - 10.9 HDG	M16	40	27	17 - 22	170	60	110	50	5000
	EN 14399-4 (HV) - M16x45 - 10.9 HDG	M16	45	27	22 - 27	170	60	110	50	5000
	EN 14399-4 (HV) - M16x50 - 10.9 HDG	M16	50	27	27 - 32	170	60	110	50	5000
	EN 14399-4 (HV) - M16x55 - 10.9 HDG	M16	55	27	32 - 37	170	90	110	50	5000
	EN 14399-4 (HV) - M16x60 - 10.9 HDG	M16	60	27	37 - 42	170	90	110	50	3750
	EN 14399-4 (HV) - M16x65 - 10.9 HDG	M16	65	27	42 - 47	170	90	110	50	3750
	EN 14399-4 (HV) - M16x70 - 10.9 HDG	M16	70	27	47 - 52	170	90	110	50	3400
	EN 14399-4 (HV) - M16x75 - 10.9 HDG	M16	75	27	52 - 57	170	90	110	50	3400
	EN 14399-4 (HV) - M16x80 - 10.9 HDG	M16	80	27	57 - 62	170	90	110	25	3125
	EN 14399-4 (HV) - M16x85 - 10.9 HDG	M16	85	27	62 - 67	170	90	110	25	3125
	EN 14399-4 (HV) - M16x90 - 10.9 HDG	M16	90	27	67 - 72	170	90	110	25	3125
	EN 14399-4 (HV) - M16x95 - 10.9 HDG	M16	95	27	72 - 77	170	90	110	25	3125
	EN 14399-4 (HV) - M16x100 - 10.9 HDG	M16	100	27	77 - 82	170	90	110	25	2500
	EN 14399-4 (HV) - M16x105 - 10.9 HDG	M16	105	27	82 - 87	170	90	110	25	2500
	EN 14399-4 (HV) - M16x110 - 10.9 HDG	M16	110	27	87- 92	170	90	110	25	2500
	EN 14399-4 (HV) - M16x115 - 10.9 HDG	M16	115	27	92 - 97	170	90	110	25	2500
	EN 14399-4 (HV) - M16x120 - 10.9 HDG	M16	120	27	97 - 102	170	120	110	25	2500
	EN 14399-4 (HV) - M16x125 - 10.9 HDG	M16	125	27	102 - 107	170	120	110	25	2500
	EN 14399-4 (HV) - M16x130 - 10.9 HDG	M16	130	27	107 - 112	170	120	110	25	2500
	EN 14399-4 (HV) - M16x135 - 10.9 HDG	M16	135	27	112 - 117	170	120	110	25	2500
	EN 14399-4 (HV) - M16x140 - 10.9 HDG	M16	140	27	117 - 122	170	120	110	25	2500
	EN 14399-4 (HV) - M16x145 - 10.9 HDG	M16	145	27	122 - 127	170	120	110	25	1275
	EN 14399-4 (HV) - M16x150 - 10.9 HDG	M16	150	27	127 - 132	170	120	110	25	1275
	EN 14399-4 (HV) - M16x155 - 10.9 HDG	M16	155	27	132 - 137	170	120	110	25	1275
	EN 14399-4 (HV) - M16x160 - 10.9 HDG	M16	160	27	137 - 142	170	120	110	25	1275
	EN 14399-4 (HV) - M16x165 - 10.9 HDG	M16	165	27	142 - 147	170	120	110	25	1275
	EN 14399-4 (HV) - M16x170 - 10.9 HDG	M16	170	27	147 - 152	170	120	110	25	1275
	EN 14399-4 (HV) - M16x175 - 10.9 HDG	M16	175	27	152 - 157	170	120	110	25	1275
	EN 14399-4 (HV) - M16x180 - 10.9 HDG	M16	180	27	157 - 162	170	120	110	25	1275
	EN 14399-4 (HV) - M16x185 - 10.9 HDG	M16	185	27	162 - 167	170	120	110	25	1275
	EN 14399-4 (HV) - M16x190 - 10.9 HDG	M16	190	27	167 - 172	170	120	110	25	1275
	EN 14399-4 (HV) - M16x195 - 10.9 HDG	M16	195	27	172- 177	170	120	110	25	1275
	EN 14399-4 (HV) - M16x200 - 10.9 HDG	M16	200	27	177 - 182	170	120	110	25	1275
	EN 14399-4 (HV) - M16x210 - 10.9 HDG	M16	210	27	187 - 192	170	120	110	25	1275
	EN 14399-4 (HV) - M16x220 - 10.9 HDG	M16	220	27	197 - 202	170	120	110	25	1275
20	EN 14399-4 (HV) - M20x40 - 10.9 HDG	M20	40	32	13 - 18	320	60	172	25	2500
	EN 14399-4 (HV) - M20x45 - 10.9 HDG	M20	45	32	18 - 23	320	60	172	25	2500
	EN 14399-4 (HV) - M20x50 - 10.9 HDG	M20	50	32	23 - 28	320	60	172	25	2500
	EN 14399-4 (HV) - M20x55 - 10.9 HDG	M20	55	32	28 - 33	320	60	172	25	2500
	EN 14399-4 (HV) - M20x60 - 10.9 HDG	M20	60	32	33 - 38	320	60	172	25	2500
	EN 14399-4 (HV) - M20x65 - 10.9 HDG	M20	65	32	38 - 43	320	60	172	25	2500
	EN 14399-4 (HV) - M20x70 - 10.9 HDG	M20	70	32	43- 48	320	90	172	25	2500
	EN 14399-4 (HV) - M20x75 - 10.9 HDG	M20	75	32	48- 53	320	90	172	25	2125

HV HIGH-STRENGTH STRUCTURAL BOLTING ASSEMBLIES FOR PRELOADING

Size	Index	Thread	Length	Wrench S	Clamp length Σt	MA	Additional angle of rotatation	Fv	Box	Pallet
			[mm]	[mm]	[mm]	[Nm]	[°]	[kN]	[pcs]	[pcs]
20	EN 14399-4 (HV) - M20x80 - 10.9 HDG	M20	80	32	53 - 58	320	90	172	25	2125
	EN 14399-4 (HV) - M20x85 - 10.9 HDG	M20	85	32	58 - 63	320	90	172	25	2125
	EN 14399-4 (HV) - M20x90 - 10.9 HDG	M20	90	32	63 - 68	320	90	172	25	2125
	EN 14399-4 (HV) - M20x95 - 10.9 HDG	M20	95	32	68 - 73	320	90	172	25	1700
	EN 14399-4 (HV) - M20x100 - 10.9 HDG	M20	100	32	73 - 78	320	90	172	25	1700
	EN 14399-4 (HV) - M20x105 - 10.9 HDG	M20	105	32	78 - 83	320	90	172	25	1700
	EN 14399-4 (HV) - M20x110 - 10.9 HDG	M20	110	32	83 - 88	320	90	172	25	1700
	EN 14399-4 (HV) - M20x115 - 10.9 HDG	M20	115	32	88 - 93	320	90	172	25	1700
	EN 14399-4 (HV) - M20x120 - 10.9 HDG	M20	120	32	93 - 98	320	90	172	25	1700
	EN 14399-4 (HV) - M20x125 - 10.9 HDG	M20	125	32	98 - 103	320	90	172	25	1275
	EN 14399-4 (HV) - M20x130 - 10.9 HDG	M20	130	32	103 - 108	320	90	172	25	1275
	EN 14399-4 (HV) - M20x135 - 10.9 HDG	M20	135	32	108 - 113	320	90	172	25	1275
	EN 14399-4 (HV) - M20x140 - 10.9 HDG	M20	140	32	113 - 118	320	90	172	25	1275
	EN 14399-4 (HV) - M20x145 - 10.9 HDG	M20	145	32	118 - 123	320	90	172	25	1275
	EN 14399-4 (HV) - M20x150 - 10.9 HDG	M20	150	32	123 - 128	320	120	172	25	1275
	EN 14399-4 (HV) - M20x155 - 10.9 HDG	M20	155	32	128 - 133	320	120	172	25	1275
	EN 14399-4 (HV) - M20x160 - 10.9 HDG	M20	160	32	133 - 138	320	120	172	20	640
	EN 14399-4 (HV) - M20x165 - 10.9 HDG	M20	165	32	138 - 143	320	120	172	20	640
	EN 14399-4 (HV) - M20x170 - 10.9 HDG	M20	170	32	143 - 148	320	120	172	20	640
	EN 14399-4 (HV) - M20x175 - 10.9 HDG	M20	175	32	148 - 153	320	120	172	20	640
	EN 14399-4 (HV) - M20x180 - 10.9 HDG	M20	180	32	153 - 158	320	120	172	20	640
	EN 14399-4 (HV) - M20x185 - 10.9 HDG	M20	185	32	158 - 163	320	120	172	20	640
	EN 14399-4 (HV) - M20x190 - 10.9 HDG	M20	190	32	163 - 168	320	120	172	20	640
	EN 14399-4 (HV) - M20x195 - 10.9 HDG	M20	195	32	168 - 173	320	120	172	20	640
	EN 14399-4 (HV) - M20x200 - 10.9 HDG	M20	200	32	173 - 178	320	120	172	20	640
	EN 14399-4 (HV) - M20x210 - 10.9 HDG	M20	210	32	183 - 188	320	120	172	20	640
	EN 14399-4 (HV) - M20x220 - 10.9 HDG	M20	220	32	193 - 198	320	120	172	20	640
	EN 14399-4 (HV) - M20x230 - 10.9 HDG	M20	230	32	203 - 208	320	120	172	20	640
	EN 14399-4 (HV) - M20x240 - 10.9 HDG	M20	240	32	213 - 218	320	120	172	20	640
	EN 14399-4 (HV) - M20x250 - 10.9 HDG	M20	250	32	223 - 228	320	120	172	20	640
	EN 14399-4 (HV) - M20x260 - 10.9 HDG	M20	260	32	233 - 238	320	120	172	20	640
22	EN 14399-4 (HV) - M22x50 - 10.9 HDG	M22	50	36	22 - 27	440	60	212	25	1700
	EN 14399-4 (HV) - M22x55 - 10.9 HDG	M22	55	36	27 - 32	440	60	212	25	1700
	EN 14399-4 (HV) - M22x60 - 10.9 HDG	M22	60	36	32 - 37	440	60	212	25	1700
	EN 14399-4 (HV) - M22x65 - 10.9 HDG	M22	65	36	37 - 42	440	60	212	25	1700
	EN 14399-4 (HV) - M22x70 - 10.9 HDG	M22	70	36	42- 47	440	60	212	25	1275
	EN 14399-4 (HV) - M22x75 - 10.9 HDG	M22	75	36	47 - 52	440	90	212	25	1275
	EN 14399-4 (HV) - M22x80 - 10.9 HDG	M22	80	36	52 - 57	440	90	212	25	1275
	EN 14399-4 (HV) - M22x85 - 10.9 HDG	M22	85	36	57 - 62	440	90	212	25	1275
	EN 14399-4 (HV) - M22x90 - 10.9 HDG	M22	90	36	62 - 67	440	90	212	25	1275
	EN 14399-4 (HV) - M22x95 - 10.9 HDG	M22	95	36	67 - 72	440	90	212	25	1200
	EN 14399-4 (HV) - M22x100 - 10.9 HDG	M22	100	36	72 - 77	440	90	212	25	1200
	EN 14399-4 (HV) - M22x105 - 10.9 HDG	M22	105	36	77 - 82	440	90	212	25	1200
	EN 14399-4 (HV) - M22x110 - 10.9 HDG	M22	110	36	82 - 87	440	90	212	25	1200
	EN 14399-4 (HV) - M22x115 - 10.9 HDG	M22	115	36	87 - 92	440	90	212	25	1200
	EN 14399-4 (HV) - M22x120 - 10.9 HDG	M22	120	36	92 - 97	440	90	212	20	960
	EN 14399-4 (HV) - M22x125 - 10.9 HDG	M22	125	36	97 - 102	440	90	212	20	960
	EN 14399-4 (HV) - M22x130 - 10.9 HDG	M22	130	36	102 - 107	440	90	212	20	960
	EN 14399-4 (HV) - M22x135 - 10.9 HDG	M22	135	36	107 - 112	440	90	212	20	960
	EN 14399-4 (HV) - M22x140 - 10.9 HDG	M22	140	36	112 - 117	440	90	212	20	960
	EN 14399-4 (HV) - M22x145 - 10.9 HDG	M22	145	36	117 - 122	440	90	212	20	960
	EN 14399-4 (HV) - M22x150 - 10.9 HDG	M22	150	36	122 - 127	440	90	212	20	960
	EN 14399-4 (HV) - M22x155 - 10.9 HDG	M22	155	36	127 - 132	440	90	212	20	960
	EN 14399-4 (HV) - M22x160 - 10.9 HDG	M22	160	36	132 - 137	440	120	212	20	960
	EN 14399-4 (HV) - M22x165 - 10.9 HDG	M22	165	36	137 - 142	440	120	212	20	960
	EN 14399-4 (HV) - M22x170 - 10.9 HDG	M22	170	36	142 - 147	440	120	212	10	850
	EN 14399-4 (HV) - M22x175 - 10.9 HDG	M22	175	36	147 - 152	440	120	212	10	850
	EN 14399-4 (HV) - M22x180 - 10.9 HDG	M22	180	36	152 - 157	440	120	212	10	850
	EN 14399-4 (HV) - M22x185 - 10.9 HDG	M22	185	36	157 - 162	440	120	212	10	850
	EN 14399-4 (HV) - M22x190 - 10.9 HDG	M22	190	36	162 - 167	440	120	212	10	850
	EN 14399-4 (HV) - M22x195 - 10.9 HDG	M22	195	36	167 - 172	440	120	212	10	850
	EN 14399-4 (HV) - M22x200 - 10.9 HDG	M22	200	36	172 - 177	440	120	212	10	850
	EN 14399-4 (HV) - M22x210 - 10.9 HDG	M22	210	36	182 - 187	440	120	212	10	850

HV HIGH-STRENGTH STRUCTURAL BOLTING ASSEMBLIES FOR PRELOADING

Size	Index	Thread	Length	Wrench S	Clamp length Σt	MA	Additional angle of rotatation	Fv	Box	Pallet
			[mm]	[mm]	[mm]	[Nm]	[°]	[kN]	[pcs]	[pcs]
22	EN 14399-4 (HV) - M22x220 - 10.9 HDG	M22	220	36	192 - 197	440	120	212	10	850
	EN 14399-4 (HV) - M22x230 - 10.9 HDG	M22	230	36	202 - 207	440	120	212	10	850
	EN 14399-4 (HV) - M22x240 - 10.9 HDG	M22	240	36	212 - 217	440	120	212	10	850
24	EN 14399-4 (HV) - M24x50 - 10.9 HDG	M24	50	41	19 - 24	560	60	247	25	1700
	EN 14399-4 (HV) - M24x55 - 10.9 HDG	M24	55	41	24 -29	560	60	247	25	1700
	EN 14399-4 (HV) - M24x60 - 10.9 HDG	M24	60	41	29 - 34	560	60	247	25	1700
	EN 14399-4 (HV) - M24x65 - 10.9 HDG	M24	65	41	34 - 39	560	60	247	25	1700
	EN 14399-4 (HV) - M24x70 - 10.9 HDG	M24	70	41	39 - 44	560	60	247	25	1275
	EN 14399-4 (HV) - M24x75 - 10.9 HDG	M24	75	41	44 - 49	560	60	247	25	1275
	EN 14399-4 (HV) - M24x80 - 10.9 HDG	M24	80	41	49 - 54	560	90	247	25	1275
	EN 14399-4 (HV) - M24x85 - 10.9 HDG	M24	85	41	54 - 59	560	90	247	25	1275
	EN 14399-4 (HV) - M24x90 - 10.9 HDG	M24	90	41	59 - 64	560	90	247	25	1275
	EN 14399-4 (HV) - M24x95 - 10.9 HDG	M24	95	41	64 - 69	560	90	247	25	1200
	EN 14399-4 (HV) - M24x100 - 10.9 HDG	M24	100	41	69 - 74	560	90	247	25	1200
	EN 14399-4 (HV) - M24x105 - 10.9 HDG	M24	105	41	74 - 79	560	90	247	25	1200
	EN 14399-4 (HV) - M24x110 - 10.9 HDG	M24	110	41	79 - 84	560	90	247	25	1200
	EN 14399-4 (HV) - M24x115 - 10.9 HDG	M24	115	41	84 - 89	560	90	247	20	960
	EN 14399-4 (HV) - M24x120 - 10.9 HDG	M24	120	41	89 - 94	560	90	247	20	960
	EN 14399-4 (HV) - M24x125 - 10.9 HDG	M24	125	41	94 - 99	560	90	247	20	960
	EN 14399-4 (HV) - M24x130 - 10.9 HDG	M24	130	41	99 - 104	560	90	247	20	960
	EN 14399-4 (HV) - M24x135 - 10.9 HDG	M24	135	41	104 - 109	560	90	247	20	960
	EN 14399-4 (HV) - M24x140 - 10.9 HDG	M24	140	41	109 - 114	560	90	247	20	960
	EN 14399-4 (HV) - M24x145 - 10.9 HDG	M24	145	41	114 - 119	560	90	247	20	640
	EN 14399-4 (HV) - M24x150 - 10.9 HDG	M24	150	41	119 - 124	560	90	247	20	640
	EN 14399-4 (HV) - M24x155 - 10.9 HDG	M24	155	41	124 - 129	560	90	247	20	640
	EN 14399-4 (HV) - M24x160 - 10.9 HDG	M24	160	41	129 - 134	560	90	247	20	640
	EN 14399-4 (HV) - M24x165 - 10.9 HDG	M24	165	41	134 - 139	560	90	247	20	640
	EN 14399-4 (HV) - M24x170 - 10.9 HDG	M24	170	41	139 - 144	560	90	247	10	850
	EN 14399-4 (HV) - M24x175 - 10.9 HDG	M24	175	41	144 - 149	560	120	247	10	850
	EN 14399-4 (HV) - M24x180 - 10.9 HDG	M24	180	41	149 - 154	560	120	247	10	850
	EN 14399-4 (HV) - M24x185 - 10.9 HDG	M24	185	41	154 - 159	560	120	247	10	850
	EN 14399-4 (HV) - M24x190 - 10.9 HDG	M24	190	41	159 - 164	560	120	247	10	850
	EN 14399-4 (HV) - M24x195 - 10.9 HDG	M24	195	41	164 - 169	560	120	247	10	850
	EN 14399-4 (HV) - M24x200 - 10.9 HDG	M24	200	41	169 - 174	560	120	247	10	850
	EN 14399-4 (HV) - M24x210 - 10.9 HDG	M24	210	41	179 - 184	560	120	247	10	850
	EN 14399-4 (HV) - M24x220 - 10.9 HDG	M24	220	41	189 - 194	560	120	247	10	850
	EN 14399-4 (HV) - M24x230 - 10.9 HDG	M24	230	41	199 - 204	560	120	247	10	850
	EN 14399-4 (HV) - M24x240 - 10.9 HDG	M24	240	41	209 - 214	560	120	247	10	850
27	EN 14399-4 (HV) - M27x60 - 10.9 HDG	M27	60	46	26 - 31	820	60	321	25	850
	EN 14399-4 (HV) - M27x65 - 10.9 HDG	M27	65	46	31 - 36	820	60	321	25	850
	EN 14399-4 (HV) - M27x70 - 10.9 HDG	M27	70	46	36 - 41	820	60	321	25	850
	EN 14399-4 (HV) - M27x75 - 10.9 HDG	M27	75	46	41 - 46	820	60	321	25	850
	EN 14399-4 (HV) - M27x80 - 10.9 HDG	M27	80	46	46 - 51	820	60	321	25	800
	EN 14399-4 (HV) - M27x85 - 10.9 HDG	M27	85	46	51 - 56	820	60	321	25	800
	EN 14399-4 (HV) - M27x90 - 10.9 HDG	M27	90	46	56 - 61	820	90	321	25	800
	EN 14399-4 (HV) - M27x95 - 10.9 HDG	M27	95	46	61 - 66	820	90	321	25	800
	EN 14399-4 (HV) - M27x100 - 10.9 HDG	M27	100	46	66 - 71	820	90	321	25	800
	EN 14399-4 (HV) - M27x105 - 10.9 HDG	M27	105	46	71 - 76	820	90	321	25	800
	EN 14399-4 (HV) - M27x110 - 10.9 HDG	M27	110	46	76 - 81	820	90	321	25	800
	EN 14399-4 (HV) - M27x115 - 10.9 HDG	M27	115	46	81 - 86	820	90	321	25	800
	EN 14399-4 (HV) - M27x120 - 10.9 HDG	M27	120	46	86 - 91	820	90	321	20	640
	EN 14399-4 (HV) - M27x125 - 10.9 HDG	M27	125	46	91 - 96	820	90	321	20	640
	EN 14399-4 (HV) - M27x130 - 10.9 HDG	M27	130	46	96 - 101	820	90	321	20	640
	EN 14399-4 (HV) - M27x135 - 10.9 HDG	M27	135	46	101 - 106	820	90	321	20	640
	EN 14399-4 (HV) - M27x140 - 10.9 HDG	M27	140	46	106 – 111	820	90	321	20	640
	EN 14399-4 (HV) - M27x145 - 10.9 HDG	M27	145	46	111 - 116	820	90	321	20	640
	EN 14399-4 (HV) - M27x150 - 10.9 HDG	M27	150	46	116 - 121	820	90	321	20	640
	EN 14399-4 (HV) - M27x155 - 10.9 HDG	M27	155	46	121 - 126	820	90	321	10	320
	EN 14399-4 (HV) - M27x160 - 10.9 HDG	M27	160	46	126 - 131	820	90	321	10	320
	EN 14399-4 (HV) - M27x165 - 10.9 HDG	M27	165	46	131 - 136	820	90	321	10	320
	EN 14399-4 (HV) - M27x170 - 10.9 HDG	M27	170	46	136 - 141	820	90	321	10	320
	EN 14399-4 (HV) - M27x175 - 10.9 HDG	M27	175	46	141 - 146	820	90	321	10	320
	EN 14399-4 (HV) - M27x180 - 10.9 HDG	M27	180	46	146 - 151	820	90	321	10	320

HV HIGH-STRENGTH STRUCTURAL BOLTING ASSEMBLIES FOR PRELOADING

Size	Index	Thread	Length	Wrench S	Clamp length Σt	MA	Additional angle of rotatation	Fv	Box	Pallet
			[mm]	[mm]	[mm]	[Nm]	[°]	[kN]	[pcs]	[pcs]
27	EN 14399-4 (HV) - M27x185 - 10.9 HDG	M27	185	46	151 - 156	820	90	321	10	320
	EN 14399-4 (HV) - M27x190 - 10.9 HDG	M27	190	46	156 - 161	820	90	321	10	320
	EN 14399-4 (HV) - M27x195 - 10.9 HDG	M27	195	46	161 - 166	820	120	321	10	320
	EN 14399-4 (HV) - M27x200 - 10.9 HDG	M27	200	46	166 - 171	820	120	321	10	320
	EN 14399-4 (HV) - M27x210 - 10.9 HDG	M27	210	46	176 - 181	820	120	321	10	320
	EN 14399-4 (HV) - M27x220 - 10.9 HDG	M27	220	46	186 - 191	820	120	321	10	320
	EN 14399-4 (HV) - M27x230 - 10.9 HDG	M27	230	46	196 - 201	820	120	321	10	320
	EN 14399-4 (HV) - M27x240 - 10.9 HDG	M27	240	46	206 - 211	820	120	321	10	320
30	EN 14399-4 (HV) - M30x70 - 10.9 HDG	M30	70	50	34 - 39	1100	60	393	10	850
	EN 14399-4 (HV) - M30x75 - 10.9 HDG	M30	75	50	39 - 44	1100	60	393	10	850
	EN 14399-4 (HV) - M30x80 - 10.9 HDG	M30	80	50	44 - 49	1100	60	393	10	850
	EN 14399-4 (HV) - M30x85 - 10.9 HDG	M30	85	50	49 - 54	1100	60	393	10	850
	EN 14399-4 (HV) - M30x90 - 10.9 HDG	M30	90	50	54 - 59	1100	60	393	10	680
	EN 14399-4 (HV) - M30x95 - 10.9 HDG	M30	95	50	59 - 64	1100	60	393	10	680
	EN 14399-4 (HV) - M30x100 - 10.9 HDG	M30	100	50	64 - 69	1100	90	393	10	680
	EN 14399-4 (HV) - M30x105 - 10.9 HDG	M30	105	50	69 - 74	1100	90	393	10	680
	EN 14399-4 (HV) - M30x110 - 10.9 HDG	M30	110	50	74 - 79	1100	90	393	10	680
	EN 14399-4 (HV) - M30x115 - 10.9 HDG	M30	115	50	79 - 84	1100	90	393	10	680
	EN 14399-4 (HV) - M30x120 - 10.9 HDG	M30	120	50	84 - 89	1100	90	393	10	680
	EN 14399-4 (HV) - M30x125 - 10.9 HDG	M30	125	50	89 - 94	1100	90	393	10	510
	EN 14399-4 (HV) - M30x130 - 10.9 HDG	M30	130	50	94 - 99	1100	90	393	10	510
	EN 14399-4 (HV) - M30x135 - 10.9 HDG	M30	135	50	99 - 104	1100	90	393	10	510
	EN 14399-4 (HV) - M30x140 - 10.9 HDG	M30	140	50	104 - 109	1100	90	393	10	510
	EN 14399-4 (HV) - M30x145 - 10.9 HDG	M30	145	50	109 - 114	1100	90	393	10	510
	EN 14399-4 (HV) - M30x150 - 10.9 HDG	M30	150	50	114 - 119	1100	90	393	10	510
	EN 14399-4 (HV) - M30x155 - 10.9 HDG	M30	155	50	119 - 124	1100	90	393	10	510
	EN 14399-4 (HV) - M30x160 - 10.9 HDG	M30	160	50	124 - 129	1100	90	393	10	510
	EN 14399-4 (HV) - M30x165 - 10.9 HDG	M30	165	50	129 - 134	1100	90	393	5	375
	EN 14399-4 (HV) -M30 x170 -10.9 HDG	M30	170	50	134 - 139	1100	90	393	5	375
	EN 14399-4 (HV) - M30x175 - 10.9 HDG	M30	175	50	139 - 144	1100	90	393	5	375
	EN 14399-4 (HV) -M30 x180 -10.9 HDG	M30	180	50	144 - 149	1100	90	393	5	375
	EN 14399-4 (HV) - M30x185 - 10.9 HDG	M30	185	50	149 - 154	1100	90	393	5	255
	EN 14399-4 (HV) -M30 x190 -10.9 HDG	M30	190	50	154 - 159	1100	90	393	5	255
	EN 14399-4 (HV) - M30x195 - 10.9 HDG	M30	195	50	159 - 164	1100	90	393	5	255
	EN 14399-4 (HV) -M30 x200 -10.9 HDG	M30	200	50	164 - 169	1100	90	393	5	255
	EN 14399-4 (HV) -M30 x210 -10.9 HDG	M30	210	50	174 - 179	1100	90	393	5	255
	EN 14399-4 (HV) -M30 x220 -10.9 HDG	M30	220	50	184 - 189	1100	120	393	5	160
	EN 14399-4 (HV) -M30 x230 -10.9 HDG	M30	230	50	194 - 199	1100	120	393	5	160
	EN 14399-4 (HV) -M30 x240 -10.9 HDG	M30	240	50	204 - 209	1100	120	393	5	160
36	EN 14399-4 (HV) - M36x85 - 10.9 HDG	M36	85	60	43 - 48	2000	60	572	5	340
	EN 14399-4 (HV) - M36x90 - 10.9 HDG	M36	90	60	48 - 53	2000	60	572	5	340
	EN 14399-4 (HV) - M36x95 - 10.9 HDG	M36	95	60	53 - 58	2000	60	572	5	340
	EN 14399-4 (HV) - M36x100 - 10.9 HDG	M36	100	60	58 - 63	2000	60	572	5	340
	EN 14399-4 (HV) - M36x105 - 10.9 HDG	M36	105	60	63 - 68	2000	60	572	5	340
	EN 14399-4 (HV) - M36x110 - 10.9 HDG	M36	110	60	68 - 73	2000	60	572	5	340
	EN 14399-4 (HV) - M36x115 - 10.9 HDG	M36	115	60	73 - 78	2000	90	572	5	340
	EN 14399-4 (HV) - M36x120 - 10.9 HDG	M36	120	60	78 - 83	2000	90	572	5	340
	EN 14399-4 (HV) - M36x125 - 10.9 HDG	M36	125	60	83 - 88	2000	90	572	5	340
	EN 14399-4 (HV) - M36x130 - 10.9 HDG	M36	130	60	88 - 93	2000	90	572	5	340
	EN 14399-4 (HV) - M36x135 - 10.9 HDG	M36	135	60	93 - 98	2000	90	572	5	340
	EN 14399-4 (HV) - M36x140 - 10.9 HDG	M36	140	60	98 - 103	2000	90	572	5	340
	EN 14399-4 (HV) - M36x145 - 10.9 HDG	M36	145	60	103 - 108	2000	90	572	5	340
	EN 14399-4 (HV) - M36x150 - 10.9 HDG	M36	150	60	108 - 113	2000	90	572	5	340
	EN 14399-4 (HV) - M36x155 - 10.9 HDG	M36	155	60	113 - 118	2000	90	572	5	340
	EN 14399-4 (HV) - M36x160 - 10.9 HDG	M36	160	60	118 - 123	2000	90	572	5	340
	EN 14399-4 (HV) - M36x165 - 10.9 HDG	M36	165	60	123 - 128	2000	90	572	5	340
	EN 14399-4 (HV) - M36x170 - 10.9 HDG	M36	170	60	128 - 133	2000	90	572	5	255
	EN 14399-4 (HV) - M36x175 - 10.9 HDG	M36	175	60	133 - 138	2000	90	572	5	255
	EN 14399-4 (HV) - M36x180 - 10.9 HDG	M36	180	60	138 - 143	2000	90	572	5	255
	EN 14399-4 (HV) - M36x185 - 10.9 HDG	M36	185	60	143 - 148	2000	90	572	5	255
	EN 14399-4 (HV) - M36x190 - 10.9 HDG	M36	190	60	148 - 153	2000	90	572	5	160
	EN 14399-4 (HV) - M36x195 - 10.9 HDG	M36	195	60	153 - 158	2000	90	572	5	160
	EN 14399-4 (HV) - M36x200 - 10.9 HDG	M36	200	60	158 - 163	2000	90	572	5	160

HV HIGH-STRENGTH STRUCTURAL BOLTING ASSEMBLIES FOR PRELOADING

Size	Nut				Washer			
	Index	Thread	Box	Pallet	Index	Hole diameter	Box	Pallet
			(pcs)	(pcs)		(mm)	(pcs)	(pcs)
12	EN 14399-4 (HV) -M12 -10Z HDG+MoS2	M12	200	20000	EN 14399-6 (HV)-300HV HDG -M12	13	200	44800
16	EN 14399-4 (HV) -M16 -10Z HDG+MoS2	M16	100	10000	EN 14399-6 (HV)-300HV HDG -M16	17	200	44800
20	EN 14399-4 (HV) -M20 -10Z HDG+MoS2	M20	100	7500	EN 14399-6 (HV)-300HV HDG -M20	21	200	20000
22	EN 14399-4 (HV) -M22 -10Z HDG+MoS2	M22	50	5100	EN 14399-6 (HV)-300HV HDG -M22	23	200	20000
24	EN 14399-4 (HV) -M24 -10Z HDG+MoS2	M24	50	3750	EN 14399-6 (HV)-300HV HDG -M24	25	200	20000
27	EN 14399-4 (HV) -M27 -10Z HDG+MoS2	M27	50	2550	EN 14399-6 (HV)-300HV HDG -M27	28	100	7500
30	EN 14399-4 (HV) -M30 -10Z HDG+MoS2	M30	50	2550	EN 14399-6 (HV)-300HV HDG -M30	31	100	7500
36	EN 14399-4 (HV) -M36 -10Z HDG+MoS2	M36	25	1 275	EN 14399-6 (HV)-300HV HDG -M36	36	50	6250

3 different types of HV bolt assembly packing:

- components packed in separate boxes (presented above)
- components packed in one box
- components assembled and packed in one box

HV SET ASSEMBLY METHODS

Tightening force $F_{p,C}=0,7*f_{ub}*A_s$

		M12	M16	M20	M22	M24	M27	M30	M36
A_s	mm²	84,3	157	245	303	353	459	561	817
$F_{p,C}$	kN	59	110	172	212	247	321	393	572

1. Combined method – k-class K1 according to EN 1090-2

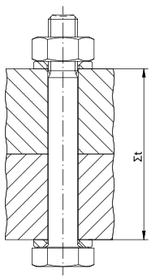
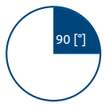
$0,10 \le k \le 0,16$
$M_{r,1} = 0,125*d*F_{p,C}$

First tightening step

		M12	M16	M20	M22	M24	M27	M30	M36
$0,75M_{r,1}$*	MPa	70	170	320	440	560	820	1100	2000

* Values were rounded to facilitate the setting of the torque wrench in construction conditions.

Second tightening step

The total nominal thickness Σt of the parts to be connected (containing all washers); d - nominal diameter of the bolt		Additional angle/part of rotation in the second tightening step		
	**Σt < 2d**	**Angle [°]**	**60**	
		Part of rotation [-]	**1/6**	
	2d ≤ Σt ≤ 6d	**Angle [°]**	**90**	
		Part of rotation [-]	**1/4**	
	6d ≤ Σt ≤ 10d	**Angle [°]**	**120**	
		Angle [°]	**1/3**	

Example of calculation of the combined method.
For the M20 x 100 bolt with the value of the K-factor of 0.12.

First tightening step	Select from the first step table: 320 [Nm]
Second tightening step	For the M20 x 100 bolt, the value Σt is 73-78 [mm]
	Σt /d → 73/20 = 3.65 and 78/20 = 3.9 hence 2d ≤ Σt ≤ 6d
	Additional angle in the second tightening step is 90 [°].

HV HIGH-STRENGTH STRUCTURAL BOLTING ASSEMBLIES FOR PRELOADING

2. Torque method – k-class K2 according to EN 1090-2

$0,10 \le k_m \le 0,23$
$Vk \le 0,06$
$M_{r,2} = k_m*d*F_{p,C}$

First tightening step	$0,75*M_{r,2}$ [Nm]
Second tightening step:	$1,1*M_{r,2}$ [Nm]

Example of calculation of the torque control method.
For the M20 x 100 bolt with the value of k_m 0,123and Vk 0,048.

	$M_{r,2}$= 0,123*20*172 = 422 [Nm]
First tightening step	$0,75*M_{r,2}$ = 316 [Nm]
Second tightening step:	$1,1*M_{r,2}$ = 464 [Nm]

3. Modified method of controlled torque according to DASt - Richtlinie 024 / DIN EN 1993-1-8/NA

Required preload $F_{p,C}^{*}=0,7*f_{yb}*A_s$[kN]

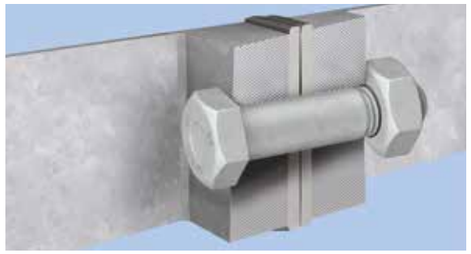
		M12	M16	M20	M22	M24	M27	M30	M36
Fp,C*	kN	50	100	160	190	220	290	350	510
First tightening step									
0,75*MA	Nm	75	190	340	490	600	940	1240	2100
Second tightening step:									
MA	Nm	100	250	450	650	800	1250	1650	2800

In category B, C and E joints, the limit state of which depends on the value of the preload force $F_{p,C}=0,7*f_{ub}*A_s$ it is recommended to tighten the k-class K1 bolts by the combined method according to EN 1090-2. In other cases, a reduced value of the preload force $F_{p,C}^{*}=0,7*f_{yb}*A_s$ and a modified method of controlled tightening torque can be used.

SB NON-PRELOADED STRUCTURAL BOLTING ASSEMBLIES

SB Set (Bolt and Nut) acc. to EN 15048

SB Set



FEATURES AND BENEFITS

- Perfect selection of the thread fit enables manual assembly.
- Provision of the assembly procedure of SB bolts produced by the manufacturer, increasing the self-locking of the thread.
- Provision of the SB bolt assembly procedure according to the requirements of DASt - Richtlinie 024 / DIN EN 1993-1-8 / NA.
- Ability to test bolts during assembly, testing the friction coefficient and the clamping force of the connection.
- Each batch of nuts is tested in a set test in accordance with EN 15048.
- The ERP system enables 100% product identification and access to test results.
- Special requirements for nuts - dimensional and coating stability.
- Clear product label informing about the basic parameters of the product and the values required for assembly.
- SB quality endurance confirmed by the CQI-9 certificate.
- Even hot-dip zinc coating ensuring corrosion resistance.
- Customer support by a team of laboratories, assistance in the selection of assembly methods.
- Sets delivered in one package, comfort during assembly.

CATEGORIES OF BOLTED CONNECTIONS

Shear connections:

- Category A: Bearing Type connections

Tension connections:

- Category D: Non-preloaded

APPLICATIONS

- Halls
- Bridges
- Trading centres
- Roof constructions
- Internal building skeletons with large lateral spread
- Multi-level parkings
- Wind turbines
- Industrial installations

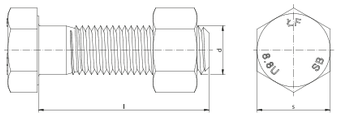
APPROVALS AND REPORTS

- **DoP Number 2018/05/02-CPR/8.8**
- **Certificate no 0045-CPR-1145/1**
- Certificate of Conformity EN 1090-2
- Certificate of Conformity EN 15048
- Certificate of Conformity IATF 16949
- Certificate of Conformity ISO 9001
- Certificate of Conformity ISO 14001
- Certificate of Conformity AD 2000

CE 0045

Users guide

ISO 4014 + ISO 4032



Size	Index	Thread	Length [mm]	Wrench S [mm]	Hole diameter [mm]	Box [pcs]	Pallet [pcs]
10	EN 15048 (SB) (ISO 4014) - M10x40 - 8.8U HDG	M10	40	16	11	100	7500
	EN 15048 (SB) (ISO 4014) - M10x45 - 8.8U HDG	M10	45	16	11	100	7500
	EN 15048 (SB) (ISO 4014) - M10x50 - 8.8U HDG	M10	50	16	11	100	5100
	EN 15048 (SB) (ISO 4014) - M10x55 - 8.8U HDG	M10	55	16	11	100	5100
	EN 15048 (SB) (ISO 4014) - M10x60 - 8.8U HDG	M10	60	16	11	100	5100
	EN 15048 (SB) (ISO 4014) - M10x65 - 8.8U HDG	M10	65	16	11	100	5100
	EN 15048 (SB) (ISO 4014) - M10x70 - 8.8U HDG	M10	70	16	11	100	5100
	EN 15048 (SB) (ISO 4014) - M10x75 - 8.8U HDG	M10	75	16	11	100	5100
	EN 15048 (SB) (ISO 4014) - M10x80 - 8.8U HDG	M10	80	16	11	100	5100
	EN 15048 (SB) (ISO 4014) - M10x85 - 8.8U HDG	M10	85	16	11	100	5100
	EN 15048 (SB) (ISO 4014) - M10x90 - 8.8U HDG	M10	90	16	11	100	5100
	EN 15048 (SB) (ISO 4014) - M10x95 - 8.8U HDG	M10	95	16	11	100	5100
	EN 15048 (SB) (ISO 4014) - M10x100 - 8.8U HDG	M10	100	16	11	100	5100
	EN 15048 (SB) (ISO 4014) - M10x105 - 8.8U HDG	M10	105	16	11	50	3750

SB NON-PRELOADED STRUCTURAL BOLTING ASSEMBLIES

Size	Index	Thread	Length [mm]	Wrench S [mm]	Hole diameter [mm]	Box [pcs]	Pallet [pcs]
10	EN 15048 (SB) (ISO 4014) - M10x110 - 8.8U HDG	M10	110	16	11	50	3750
	EN 15048 (SB) (ISO 4014) - M10x115 - 8.8U HDG	M10	115	16	11	50	3750
	EN 15048 (SB) (ISO 4014) - M10x120 - 8.8U HDG	M10	120	16	11	50	3750
	EN 15048 (SB) (ISO 4014) - M10x125 - 8.8U HDG	M10	125	16	11	50	3750
	EN 15048 (SB) (ISO 4014) - M10x130 - 8.8U HDG	M10	130	16	11	50	3750
	EN 15048 (SB) (ISO 4014) - M10x135 - 8.8U HDG	M10	135	16	11	50	3750
	EN 15048 (SB) (ISO 4014) - M10x140 - 8.8U HDG	M10	140	16	11	50	3750
	EN 15048 (SB) (ISO 4014) - M10x145 - 8.8U HDG	M10	145	16	11	50	3750
	EN 15048 (SB) (ISO 4014) - M10x150 - 8.8U HDG	M10	150	16	11	50	3750
	EN 15048 (SB) (ISO 4014) - M10x155 - 8.8U HDG	M10	155	16	11	50	3750
	EN 15048 (SB) (ISO 4014) - M10x160 - 8.8U HDG	M10	160	16	11	50	3750
12	EN 15048 (SB) (ISO 4014) - M12x50 - 8.8U HDG	M12	50	18	13	100	5100
	EN 15048 (SB) (ISO 4014) - M12x55 - 8.8U HDG	M12	55	18	13	100	5100
	EN 15048 (SB) (ISO 4014) - M12x60 - 8.8U HDG	M12	60	18	13	100	5100
	EN 15048 (SB) (ISO 4014) - M12x65 - 8.8U HDG	M12	65	18	13	50	3750
	EN 15048 (SB) (ISO 4014) - M12x70 - 8.8U HDG	M12	70	18	13	50	3750
	EN 15048 (SB) (ISO 4014) - M12x75 - 8.8U HDG	M12	75	18	13	50	3750
	EN 15048 (SB) (ISO 4014) - M12x80 - 8.8U HDG	M12	80	18	13	50	3750
	EN 15048 (SB) (ISO 4014) - M12x85 - 8.8U HDG	M12	85	18	13	50	3750
	EN 15048 (SB) (ISO 4014) - M12x90 - 8.8U HDG	M12	90	18	13	50	3750
	EN 15048 (SB) (ISO 4014) - M12x95 - 8.8U HDG	M12	95	18	13	50	3750
	EN 15048 (SB) (ISO 4014) - M12x100 - 8.8U HDG	M12	100	18	13	50	3750
	EN 15048 (SB) (ISO 4014) - M12x105 - 8.8U HDG	M12	105	18	13	50	3750
	EN 15048 (SB) (ISO 4014) - M12x110 - 8.8U HDG	M12	110	18	13	50	3750
	EN 15048 (SB) (ISO 4014) - M12x115 - 8.8U HDG	M12	115	18	13	50	3750
	EN 15048 (SB) (ISO 4014) - M12x120 - 8.8U HDG	M12	120	18	13	50	3750
	EN 15048 (SB) (ISO 4014) - M12x125 - 8.8U HDG	M12	125	18	13	50	3750
	EN 15048 (SB) (ISO 4014) - M12x130 - 8.8U HDG	M12	130	18	13	50	3750
	EN 15048 (SB) (ISO 4014) - M12x135 - 8.8U HDG	M12	135	18	13	50	3750
	EN 15048 (SB) (ISO 4014) - M12x140 - 8.8U HDG	M12	140	18	13	50	3750
	EN 15048 (SB) (ISO 4014) - M12x145 - 8.8U HDG	M12	145	18	13	50	3750
	EN 15048 (SB) (ISO 4014) - M12x150 - 8.8U HDG	M12	150	18	13	50	3750
	EN 15048 (SB) (ISO 4014) - M12x155 - 8.8U HDG	M12	155	18	13	25	1875
	EN 15048 (SB) (ISO 4014) - M12x160 - 8.8U HDG	M12	160	18	13	25	1875
	EN 15048 (SB) (ISO 4014) - M12x165 - 8.8U HDG	M12	165	18	13	25	1875
	EN 15048 (SB) (ISO 4014) - M12x170 - 8.8U HDG	M12	170	18	13	25	1875
	EN 15048 (SB) (ISO 4014) - M12x175 - 8.8U HDG	M12	175	18	13	25	1875
	EN 15048 (SB) (ISO 4014) - M12x180 - 8.8U HDG	M12	180	18	13	25	1875
	EN 15048 (SB) (ISO 4014) - M12x185 - 8.8U HDG	M12	185	18	13	25	1875
	EN 15048 (SB) (ISO 4014) - M12x190 - 8.8U HDG	M12	190	18	13	25	1875
	EN 15048 (SB) (ISO 4014) - M12x195 - 8.8U HDG	M12	195	18	13	25	1875
	EN 15048 (SB) (ISO 4014) - M12x200 - 8.8U HDG	M12	200	18	13	25	1875
	EN 15048 (SB) (ISO 4014) - M12x205 - 8.8U HDG	M12	205	18	13	25	1875
	EN 15048 (SB) (ISO 4014) - M12x210 - 8.8U HDG	M12	210	18	13	25	1875
	EN 15048 (SB) (ISO 4014) - M12x215 - 8.8U HDG	M12	215	18	13	25	1875
	EN 15048 (SB) (ISO 4014) - M12x220 - 8.8U HDG	M12	220	18	13	25	1875
	EN 15048 (SB) (ISO 4014) - M12x225 - 8.8U HDG	M12	225	18	13	25	1875
	EN 15048 (SB) (ISO 4014) - M12x230 - 8.8U HDG	M12	230	18	13	25	1875
	EN 15048 (SB) (ISO 4014) - M12x235 - 8.8U HDG	M12	235	18	13	25	1875
	EN 15048 (SB) (ISO 4014) - M12x240 - 8.8U HDG	M12	240	18	13	25	1875
	EN 15048 (SB) (ISO 4014) - M12x245 - 8.8U HDG	M12	245	18	13	25	1875
	EN 15048 (SB) (ISO 4014) - M12x250 - 8.8U HDG	M12	250	18	13	25	1875
	EN 15048 (SB) (ISO 4014) - M12x255 - 8.8U HDG	M12	255	18	13	25	1875
	EN 15048 (SB) (ISO 4014) - M12x260 - 8.8U HDG	M12	260	18	13	25	1875
16	EN 15048 (SB) (ISO 4014) - M16x55 - 8.8U HDG	M16	55	24	18	50	2550

SB NON-PRELOADED STRUCTURAL BOLTING ASSEMBLIES

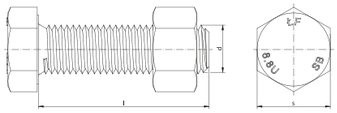
Size	Index	Thread	Length [mm]	Wrench S [mm]	Hole diameter [mm]	Box [pcs]	Pallet [pcs]
16	EN 15048 (SB) (ISO 4014) - M16x60 - 8.8U HDG	M16	60	24	18	50	2550
	EN 15048 (SB) (ISO 4014) - M16x65 - 8.8U HDG	M16	65	24	18	25	1875
	EN 15048 (SB) (ISO 4014) - M16x70 - 8.8U HDG	M16	70	24	18	25	1875
	EN 15048 (SB) (ISO 4014) - M16x75 - 8.8U HDG	M16	75	24	18	25	1875
	EN 15048 (SB) (ISO 4014) - M16x80 - 8.8U HDG	M16	80	24	18	25	1875
	EN 15048 (SB) (ISO 4014) - M16x85 - 8.8U HDG	M16	85	24	18	25	1875
	EN 15048 (SB) (ISO 4014) - M16x90 - 8.8U HDG	M16	90	24	18	25	1875
	EN 15048 (SB) (ISO 4014) - M16x95 - 8.8U HDG	M16	95	24	18	25	1875
	EN 15048 (SB) (ISO 4014) - M16x100 - 8.8U HDG	M16	100	24	18	25	1875
	EN 15048 (SB) (ISO 4014) - M16x105 - 8.8U HDG	M16	105	24	18	25	1875
	EN 15048 (SB) (ISO 4014) - M16x110 - 8.8U HDG	M16	110	24	18	25	1875
	EN 15048 (SB) (ISO 4014) - M16x115 - 8.8U HDG	M16	115	24	18	25	1875
	EN 15048 (SB) (ISO 4014) - M16x120 - 8.8U HDG	M16	120	24	18	25	1875
	EN 15048 (SB) (ISO 4014) - M16x125 - 8.8U HDG	M16	125	24	18	25	1875
	EN 15048 (SB) (ISO 4014) - M16x130 - 8.8U HDG	M16	130	24	18	25	1875
	EN 15048 (SB) (ISO 4014) - M16x135 - 8.8U HDG	M16	135	24	18	25	1875
	EN 15048 (SB) (ISO 4014) - M16x140 - 8.8U HDG	M16	140	24	18	25	1875
	EN 15048 (SB) (ISO 4014) - M16x145 - 8.8U HDG	M16	145	24	18	25	1875
	EN 15048 (SB) (ISO 4014) - M16x150 - 8.8U HDG	M16	150	24	18	25	1875
	EN 15048 (SB) (ISO 4014) - M16x155 - 8.8U HDG	M16	155	24	18	25	1875
	EN 15048 (SB) (ISO 4014) - M16x160 - 8.8U HDG	M16	160	24	18	25	1875
	EN 15048 (SB) (ISO 4014) - M16x165 - 8.8U HDG	M16	165	24	18	25	1875
	EN 15048 (SB) (ISO 4014) - M16x170 - 8.8U HDG	M16	170	24	18	25	1875
	EN 15048 (SB) (ISO 4014) - M16x175 - 8.8U HDG	M16	175	24	18	25	1875
	EN 15048 (SB) (ISO 4014) - M16x180 - 8.8U HDG	M16	180	24	18	25	1275
	EN 15048 (SB) (ISO 4014) - M16x185 - 8.8U HDG	M16	185	24	18	25	1275
	EN 15048 (SB) (ISO 4014) - M16x190 - 8.8U HDG	M16	190	24	18	25	1275
	EN 15048 (SB) (ISO 4014) - M16x195 - 8.8U HDG	M16	195	24	18	25	1275
	EN 15048 (SB) (ISO 4014) - M16x200 - 8.8U HDG	M16	200	24	18	25	1275
	EN 15048 (SB) (ISO 4014) - M16x205 - 8.8U HDG	M16	205	24	18	10	750
	EN 15048 (SB) (ISO 4014) - M16x210 - 8.8U HDG	M16	210	24	18	10	750
	EN 15048 (SB) (ISO 4014) - M16x215 - 8.8U HDG	M16	215	24	18	10	750
	EN 15048 (SB) (ISO 4014) - M16x220 - 8.8U HDG	M16	220	24	18	10	750
	EN 15048 (SB) (ISO 4014) - M16x225 - 8.8U HDG	M16	225	24	18	10	750
	EN 15048 (SB) (ISO 4014) - M16x230 - 8.8U HDG	M16	230	24	18	10	750
	EN 15048 (SB) (ISO 4014) - M16x235 - 8.8U HDG	M16	235	24	18	10	750
	EN 15048 (SB) (ISO 4014) - M16x240 - 8.8U HDG	M16	240	24	18	10	750
	EN 15048 (SB) (ISO 4014) - M16x245 - 8.8U HDG	M16	245	24	18	10	750
	EN 15048 (SB) (ISO 4014) - M16x250 - 8.8U HDG	M16	250	24	18	10	750
	EN 15048 (SB) (ISO 4014) - M16x255 - 8.8U HDG	M16	255	24	18	10	750
	EN 15048 (SB) (ISO 4014) - M16x260 - 8.8U HDG	M16	260	24	18	10	750
20	EN 15048 (SB) (ISO 4014) - M20x60 - 8.8U HDG	M20	60	30	22	25	1270
	EN 15048 (SB) (ISO 4014) - M20x65 - 8.8U HDG	M20	65	30	22	25	1270
	EN 15048 (SB) (ISO 4014) - M20x70 - 8.8U HDG	M20	70	30	22	25	1270
	EN 15048 (SB) (ISO 4014) - M20x75 - 8.8U HDG	M20	75	30	22	25	1270
	EN 15048 (SB) (ISO 4014) - M20x80 - 8.8U HDG	M20	80	30	22	25	1270
	EN 15048 (SB) (ISO 4014) - M20x85 - 8.8U HDG	M20	85	30	22	25	1270
	EN 15048 (SB) (ISO 4014) - M20x90 - 8.8U HDG	M20	90	30	22	25	1270
	EN 15048 (SB) (ISO 4014) - M20x95 - 8.8U HDG	M20	95	30	22	25	1270
	EN 15048 (SB) (ISO 4014) - M20x100 - 8.8U HDG	M20	100	30	22	25	1270
	EN 15048 (SB) (ISO 4014) - M20x105 - 8.8U HDG	M20	105	30	22	25	1270
	EN 15048 (SB) (ISO 4014) - M20x110 - 8.8U HDG	M20	110	30	22	25	1270
	EN 15048 (SB) (ISO 4014) - M20x115 - 8.8U HDG	M20	115	30	22	25	1270
	EN 15048 (SB) (ISO 4014) - M20x120 - 8.8U HDG	M20	120	30	22	25	1270
	EN 15048 (SB) (ISO 4014) - M20x125 - 8.8U HDG	M20	125	30	22	25	1270

SB NON-PRELOADED STRUCTURAL BOLTING ASSEMBLIES

Size	Index	Thread	Length [mm]	Wrench S [mm]	Hole diameter [mm]	Box [pcs]	Pallet [pcs]
20	EN 15048 (SB) (ISO 4014) - M20x130 - 8.8U HDG	M20	130	30	22	25	1270
	EN 15048 (SB) (ISO 4014) - M20x135 - 8.8U HDG	M20	135	30	22	25	1270
	EN 15048 (SB) (ISO 4014) - M20x140 - 8.8U HDG	M20	140	30	22	25	1270
	EN 15048 (SB) (ISO 4014) - M20x145 - 8.8U HDG	M20	145	30	22	25	1270
	EN 15048 (SB) (ISO 4014) - M20x150 - 8.8U HDG	M20	150	30	22	25	1270
	EN 15048 (SB) (ISO 4014) - M20x155 - 8.8U HDG	M20	155	30	22	10	750
	EN 15048 (SB) (ISO 4014) - M20x160 - 8.8U HDG	M20	160	30	22	10	750
	EN 15048 (SB) (ISO 4014) - M20x165 - 8.8U HDG	M20	165	30	22	10	750
	EN 15048 (SB) (ISO 4014) - M20x170 - 8.8U HDG	M20	170	30	22	10	750
	EN 15048 (SB) (ISO 4014) - M20x175 - 8.8U HDG	M20	175	30	22	10	750
	EN 15048 (SB) (ISO 4014) - M20x180 - 8.8U HDG	M20	180	30	22	10	750
	EN 15048 (SB) (ISO 4014) - M20x185 - 8.8U HDG	M20	185	30	22	10	750
	EN 15048 (SB) (ISO 4014) - M20x190 - 8.8U HDG	M20	190	30	22	10	750
	EN 15048 (SB) (ISO 4014) - M20x195 - 8.8U HDG	M20	195	30	22	10	750
	EN 15048 (SB) (ISO 4014) - M20x200 - 8.8U HDG	M20	200	30	22	10	750
	EN 15048 (SB) (ISO 4014) - M20x205 - 8.8U HDG	M20	205	30	22	10	750
	EN 15048 (SB) (ISO 4014) - M20x210 - 8.8U HDG	M20	210	30	22	10	750
	EN 15048 (SB) (ISO 4014) - M20x215 - 8.8U HDG	M20	215	30	22	10	750
	EN 15048 (SB) (ISO 4014) - M20x220 - 8.8U HDG	M20	220	30	22	10	750
	EN 15048 (SB) (ISO 4014) - M20x225 - 8.8U HDG	M20	225	30	22	10	750
	EN 15048 (SB) (ISO 4014) - M20x230 - 8.8U HDG	M20	230	30	22	10	750
	EN 15048 (SB) (ISO 4014) - M20x235 - 8.8U HDG	M20	235	30	22	10	750
	EN 15048 (SB) (ISO 4014) - M20x240 - 8.8U HDG	M20	240	30	22	10	750
	EN 15048 (SB) (ISO 4014) - M20x245 - 8.8U HDG	M20	245	30	22	10	750
	EN 15048 (SB) (ISO 4014) - M20x250 - 8.8U HDG	M20	250	30	22	10	750
	EN 15048 (SB) (ISO 4014) - M20x255 - 8.8U HDG	M20	255	30	22	10	750
	EN 15048 (SB) (ISO 4014) - M20x260 - 8.8U HDG	M20	260	30	22	10	750
24	EN 15048 (SB) (ISO 4014) - M24x75 - 8.8U HDG	M24	75	36	26	25	1875
	EN 15048 (SB) (ISO 4014) - M24x80 - 8.8U HDG	M24	80	36	26	25	1875
	EN 15048 (SB) (ISO 4014) - M24x85 - 8.8U HDG	M24	85	36	26	10	750
	EN 15048 (SB) (ISO 4014) - M24x90 - 8.8U HDG	M24	90	36	26	10	750
	EN 15048 (SB) (ISO 4014) - M24x95 - 8.8U HDG	M24	95	36	26	10	750
	EN 15048 (SB) (ISO 4014) - M24x100 - 8.8U HDG	M24	100	36	26	10	750
	EN 15048 (SB) (ISO 4014) - M24x105 - 8.8U HDG	M24	105	36	26	10	750
	EN 15048 (SB) (ISO 4014) - M24x110 - 8.8U HDG	M24	110	36	26	10	750
	EN 15048 (SB) (ISO 4014) - M24x115 - 8.8U HDG	M24	115	36	26	10	750
	EN 15048 (SB) (ISO 4014) - M24x120 - 8.8U HDG	M24	120	36	26	10	750
	EN 15048 (SB) (ISO 4014) - M24x125 - 8.8U HDG	M24	125	36	26	10	750
	EN 15048 (SB) (ISO 4014) - M24x130 - 8.8U HDG	M24	130	36	26	10	750
	EN 15048 (SB) (ISO 4014) - M24x135 - 8.8U HDG	M24	135	36	26	10	750
	EN 15048 (SB) (ISO 4014) - M24x140 - 8.8U HDG	M24	140	36	26	10	750
	EN 15048 (SB) (ISO 4014) - M24x145 - 8.8U HDG	M24	145	36	26	10	750
	EN 15048 (SB) (ISO 4014) - M24x150 - 8.8U HDG	M24	150	36	26	10	750
	EN 15048 (SB) (ISO 4014) - M24x155 - 8.8U HDG	M24	155	36	26	10	750
	EN 15048 (SB) (ISO 4014) - M24x160 - 8.8U HDG	M24	160	36	26	10	750
	EN 15048 (SB) (ISO 4014) - M24x165 - 8.8U HDG	M24	165	36	26	10	750
	EN 15048 (SB) (ISO 4014) - M24x170 - 8.8U HDG	M24	170	36	26	10	750
	EN 15048 (SB) (ISO 4014) - M24x175 - 8.8U HDG	M24	175	36	26	10	750
	EN 15048 (SB) (ISO 4014) - M24x180 - 8.8U HDG	M24	180	36	26	10	750
	EN 15048 (SB) (ISO 4014) - M24x185 - 8.8U HDG	M24	185	36	26	10	750
	EN 15048 (SB) (ISO 4014) - M24x190 - 8.8U HDG	M24	190	36	26	10	750
	EN 15048 (SB) (ISO 4014) - M24x195 - 8.8U HDG	M24	195	36	26	10	750
	EN 15048 (SB) (ISO 4014) - M24x200 - 8.8U HDG	M24	200	36	26	10	750
	EN 15048 (SB) (ISO 4014) - M24x205 - 8.8U HDG	M24	205	36	26	10	750
	EN 15048 (SB) (ISO 4014) - M24x210 - 8.8U HDG	M24	210	36	26	10	750

SB NON-PRELOADED STRUCTURAL BOLTING ASSEMBLIES

ISO 4017 + ISO 4032



Size	Index	Thread	Length [mm]	Wrench S [mm]	Hole diameter [mm]	Box [pcs]	Pallet [pcs]
10	EN 15048 (SB) (ISO 4017) - M10x20 - 8.8U HDG	M10	20	16	11	200	15000
	EN 15048 (SB) (ISO 4017) - M10x25 - 8.8U HDG	M10	25	16	11	200	15000
	EN 15048 (SB) (ISO 4017) - M10x30 - 8.8U HDG	M10	30	16	11	200	15000
	EN 15048 (SB) (ISO 4017) - M10x35 - 8.8U HDG	M10	35	16	11	100	7500
	EN 15048 (SB) (ISO 4017) - M10x40 - 8.8U HDG	M10	40	16	11	100	7500
	EN 15048 (SB) (ISO 4017) - M10x45 - 8.8U HDG	M10	45	16	11	100	7500
	EN 15048 (SB) (ISO 4017) - M10x50 - 8.8U HDG	M10	50	16	11	100	5100
	EN 15048 (SB) (ISO 4017) - M10x55 - 8.8U HDG	M10	55	16	11	100	5100
	EN 15048 (SB) (ISO 4017) - M10x60 - 8.8U HDG	M10	60	16	11	100	5100
	EN 15048 (SB) (ISO 4017) - M10x65 - 8.8U HDG	M10	65	16	11	100	5100
	EN 15048 (SB) (ISO 4017) - M10x70 - 8.8U HDG	M10	70	16	11	100	5100
	EN 15048 (SB) (ISO 4017) - M10x75 - 8.8U HDG	M10	75	16	11	100	5100
	EN 15048 (SB) (ISO 4017) - M10x80 - 8.8U HDG	M10	80	16	11	100	5100
	EN 15048 (SB) (ISO 4017) - M10x85 - 8.8U HDG	M10	85	16	11	100	5100
	EN 15048 (SB) (ISO 4017) - M10x90 - 8.8U HDG	M10	90	16	11	100	5100
	EN 15048 (SB) (ISO 4017) - M10x95 - 8.8U HDG	M10	95	16	11	100	5100
	EN 15048 (SB) (ISO 4017) - M10x100 - 8.8U HDG	M10	100	16	11	100	5100
12	EN 15048 (SB) (ISO 4017) - M12x25 - 8.8U HDG	M12	25	18	13	100	5100
	EN 15048 (SB) (ISO 4017) - M12x30 - 8.8U HDG	M12	30	18	13	100	5100
	EN 15048 (SB) (ISO 4017) - M12x35 - 8.8U HDG	M12	35	18	13	100	5100
	EN 15048 (SB) (ISO 4017) - M12x40 - 8.8U HDG	M12	40	18	13	100	5100
	EN 15048 (SB) (ISO 4017) - M12x45 - 8.8U HDG	M12	45	18	13	100	5100
	EN 15048 (SB) (ISO 4017) - M12x50 - 8.8U HDG	M12	50	18	13	100	5100
	EN 15048 (SB) (ISO 4017) - M12x55 - 8.8U HDG	M12	55	18	13	100	5100
	EN 15048 (SB) (ISO 4017) - M12x60 - 8.8U HDG	M12	60	18	13	100	5100
	EN 15048 (SB) (ISO 4017) - M12x65 - 8.8U HDG	M12	65	18	13	50	3750
	EN 15048 (SB) (ISO 4017) - M12x70 - 8.8U HDG	M12	70	18	13	50	3750
	EN 15048 (SB) (ISO 4017) - M12x75 - 8.8U HDG	M12	75	18	13	50	3750
	EN 15048 (SB) (ISO 4017) - M12x80 - 8.8U HDG	M12	80	18	13	50	3750
	EN 15048 (SB) (ISO 4017) - M12x85 - 8.8U HDG	M12	85	18	13	50	3750
	EN 15048 (SB) (ISO 4017) - M12x90 - 8.8U HDG	M12	90	18	13	50	3750
	EN 15048 (SB) (ISO 4017) - M12x95 - 8.8U HDG	M12	95	18	13	50	3750
	EN 15048 (SB) (ISO 4017) - M12x100 - 8.8U HDG	M12	100	18	13	50	3750
	EN 15048 (SB) (ISO 4017) - M12x105 - 8.8U HDG	M12	105	18	13	50	2550
	EN 15048 (SB) (ISO 4017) - M12x110 - 8.8U HDG	M12	110	18	13	50	2550
	EN 15048 (SB) (ISO 4017) - M12x115 - 8.8U HDG	M12	115	18	13	50	2550
	EN 15048 (SB) (ISO 4017) - M12x120 - 8.8U HDG	M12	120	18	13	50	2550
16	EN 15048 (SB) (ISO 4017) - M16x25 - 8.8U HDG	M16	25	24	18	50	3750
	EN 15048 (SB) (ISO 4017) - M16x30 - 8.8U HDG	M16	30	24	18	50	3750
	EN 15048 (SB) (ISO 4017) - M16x35 - 8.8U HDG	M16	35	24	18	50	3750
	EN 15048 (SB) (ISO 4017) - M16x40 - 8.8U HDG	M16	40	24	18	50	3750
	EN 15048 (SB) (ISO 4017) - M16x45 - 8.8U HDG	M16	45	24	18	50	3750

SB NON-PRELOADED STRUCTURAL BOLTING ASSEMBLIES

Size	Index	Thread	Length [mm]	Wrench S [mm]	Hole diameter [mm]	Box [pcs]	Pallet [pcs]
16	EN 15048 (SB) (ISO 4017) - M16x50 - 8.8U HDG	M16	50	24	18	50	3750
	EN 15048 (SB) (ISO 4017) - M16x55 - 8.8U HDG	M16	55	24	18	50	3750
	EN 15048 (SB) (ISO 4017) - M16x60 - 8.8U HDG	M16	60	24	18	50	3750
	EN 15048 (SB) (ISO 4017) - M16x65 - 8.8U HDG	M16	65	24	18	25	1875
	EN 15048 (SB) (ISO 4017) - M16x70 - 8.8U HDG	M16	70	24	18	25	1875
	EN 15048 (SB) (ISO 4017) - M16x75 - 8.8U HDG	M16	75	24	18	25	1875
	EN 15048 (SB) (ISO 4017) - M16x80 - 8.8U HDG	M16	80	24	18	25	1875
	EN 15048 (SB) (ISO 4017) - M16x85 - 8.8U HDG	M16	85	24	18	25	1875
	EN 15048 (SB) (ISO 4017) - M16x90 - 8.8U HDG	M16	90	24	18	25	1875
	EN 15048 (SB) (ISO 4017) - M16x95 - 8.8U HDG	M16	95	24	18	25	1875
	EN 15048 (SB) (ISO 4017) - M16x100 - 8.8U HDG	M16	100	24	18	25	1875
	EN 15048 (SB) (ISO 4017) - M16x105 - 8.8U HDG	M16	105	24	18	25	1875
	EN 15048 (SB) (ISO 4017) - M16x110 - 8.8U HDG	M16	110	24	18	25	1875
	EN 15048 (SB) (ISO 4017) - M16x115 - 8.8U HDG	M16	115	24	18	25	1875
	EN 15048 (SB) (ISO 4017) - M16x120 - 8.8U HDG	M16	120	24	18	25	1875
20	EN 15048 (SB) (ISO 4017) - M20x40 - 8.8U HDG	M20	40	30	22	25	1875
	EN 15048 (SB) (ISO 4017) - M20x45 - 8.8U HDG	M20	45	30	22	25	1875
	EN 15048 (SB) (ISO 4017) - M20x50 - 8.8U HDG	M20	50	30	22	25	1875
	EN 15048 (SB) (ISO 4017) - M20x55 - 8.8U HDG	M20	55	30	22	25	1875
	EN 15048 (SB) (ISO 4017) - M20x60 - 8.8U HDG	M20	60	30	22	25	1875
	EN 15048 (SB) (ISO 4017) - M20x65 - 8.8U HDG	M20	65	30	22	25	1875
	EN 15048 (SB) (ISO 4017) - M20x70 - 8.8U HDG	M20	70	30	22	25	1275
	EN 15048 (SB) (ISO 4017) - M20x75 - 8.8U HDG	M20	75	30	22	25	1275
	EN 15048 (SB) (ISO 4017) - M20x80 - 8.8U HDG	M20	80	30	22	25	1275
	EN 15048 (SB) (ISO 4017) - M20x85 - 8.8U HDG	M20	85	30	22	25	1275
	EN 15048 (SB) (ISO 4017) - M20x90 - 8.8U HDG	M20	90	30	22	25	1275
	EN 15048 (SB) (ISO 4017) - M20x95 - 8.8U HDG	M20	95	30	22	25	1275
	EN 15048 (SB) (ISO 4017) - M20x100 - 8.8U HDG	M20	100	30	22	25	1275
	EN 15048 (SB) (ISO 4017) - M20x105 - 8.8U HDG	M20	105	30	22	25	1275
	EN 15048 (SB) (ISO 4017) - M20x110 - 8.8U HDG	M20	110	30	22	25	1275
	EN 15048 (SB) (ISO 4017) - M20x115 - 8.8U HDG	M20	115	30	22	25	1275
	EN 15048 (SB) (ISO 4017) - M20x120 - 8.8U HDG	M20	120	30	22	25	1275
24	EN 15048 (SB) (ISO 4017) - M24x50 - 8.8U HDG	M24	50	36	26	25	1275
	EN 15048 (SB) (ISO 4017) - M24x55 - 8.8U HDG	M24	55	36	26	25	1275
	EN 15048 (SB) (ISO 4017) - M24x60 - 8.8U HDG	M24	60	36	26	25	1275
	EN 15048 (SB) (ISO 4017) - M24x65 - 8.8U HDG	M24	65	36	26	25	1275
	EN 15048 (SB) (ISO 4017) - M24x70 - 8.8U HDG	M24	70	36	26	25	1275
	EN 15048 (SB) (ISO 4017) - M24x75 - 8.8U HDG	M24	75	36	26	25	1275
	EN 15048 (SB) (ISO 4017) - M24x80 - 8.8U HDG	M24	80	36	26	25	1275
	EN 15048 (SB) (ISO 4017) - M24x85 - 8.8U HDG	M24	85	36	26	10	1275
	EN 15048 (SB) (ISO 4017) - M24x90 - 8.8U HDG	M24	90	36	26	10	1275
	EN 15048 (SB) (ISO 4017) - M24x95 - 8.8U HDG	M24	95	36	26	10	1275
	EN 15048 (SB) (ISO 4017) - M24x100 - 8.8U HDG	M24	100	36	26	10	1275
	EN 15048 (SB) (ISO 4017) - M24x105 - 8.8U HDG	M24	105	36	26	10	1275
	EN 15048 (SB) (ISO 4017) - M24x110 - 8.8U HDG	M24	110	36	26	10	1275
	EN 15048 (SB) (ISO 4017) - M24x115 - 8.8U HDG	M24	115	36	26	10	1275
	EN 15048 (SB) (ISO 4017) - M24x120 - 8.8U HDG	M24	120	36	26	10	1275

SB NON-PRELOADED STRUCTURAL BOLTING ASSEMBLIES

CONTROLLED TORQUE ASSEMBLY – SB SET

1. Values of the predicted tensioning from using torque in steps 1 and 2

	M10	M12	M16	M20	M24
Step 1 [Nm] [a]	30	50	120	240	350
Step 2 [Nm] [a]	55	100	240	470	700
min. $F_{p,C}$ [kN]	28	40	75	118	145

[a] The values of the torques result from the obtained coefficient of friction in the tests, where the constant value of the abutment surface of the bolt was ensured.

1.1. Tightening – First step	a) Set the key to the torque value provided in "Step 1" in Table 1. (e.g. for the M16 bolt it is 120 [Nm]). b) Step one of tightening must be carried out for all bolts in one connection before moving onto step two of tightening. Detailed information - see SB manual at www.klfs.pl.
1.2. Tightening – Second step	a) Set the key to the torque value provided in "Step 2" in Table 1 (e.g. for the M16 bolt it is 240 [Nm]). b) Step one of tightening must be carried out for all bolts in one connection. Detailed information - see SB manual at www.klfs.pl.

2. Torque and clamping force values based on standard requirements DASt - Richtlinie 024/DIN EN 1993-1-8/ NA.

	M10	M12	M16	M20	M24
Step [Nm] [a]	45	85	225	440	715
min. $F_{p,C}$ * [kN] [b]	22	35	70	110	150

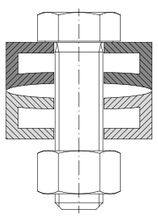
[a] The values of the torques result from the obtained coefficient of friction in the tests, where the constant value of the bearing surface of the bolt was ensured.

[b] reduced value of the preload force $F_{p,C}$*=0,7*f_{yb}*A_s and a modified method of controlled tightening torque can be used.

Repeatability of assembly

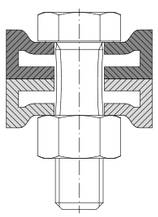
Torque too low,
No adhesion of the joined elements

X



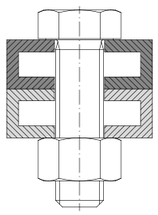
Torque too high,
Deformation of the bolt
and connected elements

X



The torque specified by
the manufacturer,
Connection stability

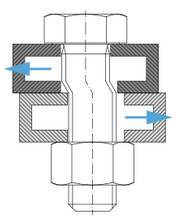
V



Increasing the self-locking of the nut thread

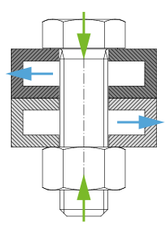
Incorrectly selected
assembly torque, shear
stresses and risk of
loosening the nut

X

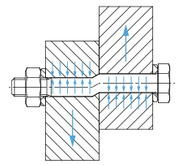
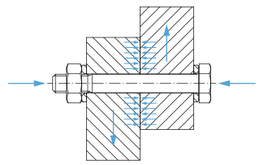
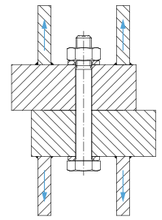
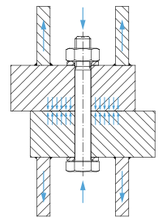


A well-chosen assembly
moment, ensured
connection rigidity and
self-locking of the thread

V



HV/SB CONSTRUCTION BOLTS

Categories of bolted connections				
Shear connections			**Tension connections**	
A (Bearing type)	B (Slip-resistant at serviceability)	C (Slip-resistant at ultimate)	D (Non-preloaded)	E (Preloaded)
$F_{v,Ed} \le F_{v,Rd}$ $F_{v,Ed} \le F_{b,Rd}$	$F_{v,Ed,ser} \le F_{s,Rd,ser}$ $F_{v,Ed} \le F_{v,Rd}$ $F_{v,Ed} \le F_{b,Rd}$	$F_{v,Ed} \le F_{s,Rd}$ $F_{v,Ed} \le F_{b,Rd}$ $F_{v,Ed} \le N_{net,Rd}$	$F_{t,Ed} \le F_{t,Rd}$ $F_{t,Ed} \le B_{p,Rd}$	$F_{t,Ed} \le F_{t,Rd}$ $F_{t,Ed} \le B_{p,Rd}$
No preloading required. Bolt classes from 4.6 to 10.9 may be used.	Preloaded 8.8 or 10.9 bolts should be used. Slip resistance in the serviceability limit state.	Preloaded 8.8 or 10.9 bolts should be used. Slip resistance in the ultimate limit state.	No preloading required. Bolt classes from 4.6 to 10.9 may be used.	Preloaded 8.8 or 10.9 bolts should be used.
HV & SB	**HV**	**HV**	**HV & SB**	**HV**
				

$F_{v,Ed}$	is the design shear force per bolt for the ultimate limit state;
$F_{v,Rd}$	is the design shear resistance per bolt;
$F_{b,Rd}$	is the design bearing resistance per bolt;
$F_{v,Ed,ser}$	is the design shear force per bolt for the serviceability limit state;
$F_{s,Rd,ser}$	is the design slip resistance per bolt at the serviceability limit state;
$F_{s,Rd}$	is the design slip resistance per bolt at the ultimate limit state;
$N_{net,Rd}$	the design plastic resistance of the net cross-section at bolt holes
$F_{t,Ed}$	is the design tensile force per bolt for the ultimate limit state;
$F_{t,Rd}$	is the design tension resistance per bolt;
$B_{p,Rd}$	is the design punching shear resistance of the bolt head and the nut

Bonded Anchors

Overview of bonded anchors	**226**
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RAWLPLUG®

100 YEARS OF EXPERTISE IN FIXINGS, FASTENERS AND TOOLS

BONDED ANCHORS

EFFICIENCY IN THE MOST DEMANDING ENVIRONMENTS

Use the e-learning training
or sign up for our hands-on training.

- *Bonded anchors - general characteristcs and applications*
- *Bonded anchors - general information - base materials*
- *Bonded anchors - general information - rods*
- *Bonded anchors - general information - temperature*
- *Bonded anchors - product installation*
- *Bonded anchors - characteristic of product R-KER-II*

www.rawlplug.com

SOLID WALLS

R-KEX-II

PURE EPOXY RESIN

Premium pure epoxy resin 3:1 approved for use in cracked and non-cracked concrete.

ETA, CE, SEISMIC C1 - C2, FIRE, NON-LIFE SAFETY

REBAR

BARRIERS

PLATFORMS

R-KER-II
R-CFS+R-KER-II

HIGH PERFORMANCE HYBRID RESIN

Approved for 3 types of hole cleaning (including use of dustless drill bit).

ETA, CE, SEISMIC C1, FIRE, EMISSIONS & IAQ, NON-LIFE SAFETY

STEELWORK

FORMWORK

CURTAIN WALLING

R-CAS-V
R-HAC-V

GLASS CAPSULES

R-CAS-V - High performance, quick setting resin fixing for concrete.
R-HAC-V - Heavy duty anchor simply installed by hammering the stud.

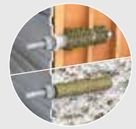
ETA, CE

CLADDING

LIFTS & ESCALATORS

TEMPORARY WORK

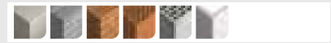
UNIVERSAL



R-KEM-II
R-CFS+RM50

STYRENE FREE POLYESTER RESIN

Suitable for use in non-cracked concrete and wide range of solid or hollow masonry structures. ETA for 15 substrates.



ETA, CE

BATHROOM FITTINGS

AWNINGS

GATES

Overview of our range

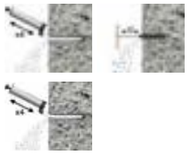
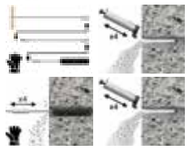
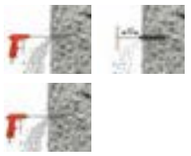
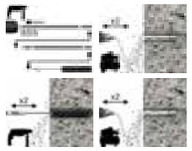
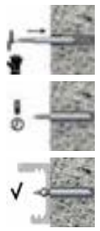
			R-KEX-II			
	RESIN		PURE EPOXY			
	SYSTEM OF BONDED ANCHORS		threaded rods	internally threaded anchors	rebar as an anchor	post -installed rebar
ANCHOR MATERIAL	5.8 STEEL CLASS		V	-	-	-
	8.8 STEEL CLASS		V	-	-	-
	STAINLESS STEEL		V	-	-	-
	HCR		V	-	-	-
	REBAR		-	-	V	V
	R-ITS INTERNALLY THREADED ANCHOR		-	V	-	-
SUBSTRATES	CONCRETE		V	V	V	V
	CRACKED CONCRETE		V	-	V	V
	SILICATE BRICK		-	-	-	-
	SOLID BRICK		-	-	-	-
	HOLLOW BRICK		-	-	-	-
	LIGHTWEIGHT CONCRETE BLOCKS		-	-	-	-
	AERATED CONCRETE BLOCKS		-	-	-	-
APPROVALS	CE		V Option 1	V Option 7	V Option 1	V ETA
	SEISMIC		V C1, C2	-	V C1	-
	FIRE RESISTANT		-	-	-	V
	WORKING LIFE 100 YEARS		V	V	V	-
DESIGN TENSION LOADS IN kN	[kN]		N_{Rd}	N_{Rd}	N_{Rd}	N_{Rd}
	10		M8	M6	Ø8	Ø8
	20					
	30					
	40			M16		
	50					
	60					
	70					
	80					
	90					
	100					
	110					
	120					
	130					
	140					
	150					
	160					
	170				Ø32	Ø32
	180					
	190					
	200					
	210					
	220					
	230		M30			

Overview of our range

R-KER-II | R-CFS+RV200				R-KEM II | RM50		R-CAS-V	R-HAC-V	
HYBRID RESIN				POLYESTER STYRENE FREE		VINYLESTER GLASS CAPSULES		
threaded rods	internally threaded anchors	rebar as an anchor	post -installed rebar	threaded rods in concrete	threaded rods in masonry	threaded rods	threaded rods	rebar as an anchor
V	-	-	-	V	V	V	V	-
V	-	-	-	V	V	V	V	-
V	-	-	-	V	V	V	V	-
V	-	-	-	-	-	-	-	-
-	-	V	V	-	-	-	-	V
-	V	-	-	-	-	-	-	-
V	V	V	V	V	-	V	V	V
V	V	V	V	-	-	-	-	-
-	-	-	-	-	V	-	-	-
-	-	-	-	-	V	-	-	-
-	-	-	-	-	V	-	-	-
-	-	-	-	-	V	-	-	-
-	-	-	-	-	V	-	-	-
V Option 1	V Option 1	V Option 1	V ETA	V Option 7	V 001	V Option 7	V Option 7	V Option 7
V C1	-	V C1	-	-	-	-	-	-
V	-	V	V					
V	V	V	-	V	-	-	-	-
N_{Rd}	N_{Rd}	N_{Rd}	N_{Rd}	N_{Rd}	N_{Rd}	N_{Rd}	N_{Rd}	N_{Rd}
M8	M6	Ø8	Ø8	M8	M8-M16	Ø8	M8	Ø8
	M16				M16			
								Ø32
				M30				
							M30	
		Ø32						
			Ø40			Ø32		
M30								

3 METHOD OF BONDED ANCHORS INSTALLATION

EFFICIENCY IN THE MOST DEMANDING ENVIRONMENTS

	10% DRILLING	20% CLEANING	60% INJECTING	10% ANCHORING
TRADITIONAL METHOD		SHALLOW  DEEP 	SHALLOW DEEP	
PNEUMATIC METHOD		SHALLOW  DEEP 	SHALLOW DEEP	
DUSTLESS DRILL METHOD		CLEANING **0%**		40%

4 STEPS OF BONDED ANCHORS INSTALLATION

1 DRILLING

FUNCTIONAL CATEGORY OF THE SUBSTRATE VS. TYPE OF DRILLING

		A	B	C	D
RT-MAXH / RT-SDSH hollow drill bits Dustlessdrill intended for concrete		V	V		
Aggressor SDS plus drill bits for drilling in concrete		V	V		V
Rebardrill SDS and Turbodrill SDS drill bits intended mainly for drilling in reinforced concrete		V	V		V
Rawlplug Brickdrill SDS drill bits for solid and hollow ceramic substrates			V	V	

2 CLEANING

3 METHODS FOR CLEANING THE HOLE

DUSTLESS DRILL METHOD	PNEUMATIC METHOD	TRADITIONAL METHOD
Cleaning with the hollow drill bit Dustless-drill	Compressed air cleaning using the 2x2x2 method compressed air, brush, compressed air	Standard manual 4x4x4 cleaning blow pump x brush x blow pump

3 ANCHORING - RESIN INJECTION

1. NOZZLE			2. DISPENSER		
The mixer nozzle is responsible for complete mixing			The dispenser guarantees working comfort		
R-NOZ-KEX-II	R-NOZ-KER-II	R-NOZ	ELECTRICAL	PNEUMATIC	MANUAL

4 FIXTURE INSTALLATION

PROCESSING TIME	CURING TIME
The time after the resin has been mixed, when the rod should be installed	Also referred to as bonding time, is the time from the end of resin mixing until the resin hardens entirely and load is applied to the system

Resin consumption for bonded anchors

How to use the table? Exemple: for Cardridge 400 ml and Stud diameter M12?
For stud diameter (M12) = Embedment depth = 144: (12d); for 400 ml = 41 pcs

Cartridge size	Stud diameter	d		M8	M10	M12	M16	M20	M24	M30
	Hole diameter in substrate	d_o	[mm]	10	12	14	18	24	28	35
	Embedment depth h_{nom}	6d	[mm]	60	60	72	96	120	144	180
		8d	[mm]	64	80	96	128	160	192	240
		10d	[mm]	80	100	120	160	200	240	300
		12d	[mm]	96	120	144	192	240	288	360
		16d	[mm]	128	160	192	256	320	384	480
175ml	Quantity of anchored studs for depth	6d	pcs	65	49	33	17	6.7	4.4	2.3
		8d	pcs	62	38	25	13	5.1	3.4	1.7
		10d	pcs	51	31	21	10	4.1	2.7	1.4
		12d	pcs	43	26	17	9.2	3.5	2.3	1.2
		16d	pcs	33	20	13	7	2.6	1.7	0.9
300ml	Quantity of anchored studs for depth	6d	pcs	112	84	57	29	11.5	7.6	4
		8d	pcs	106	66	44	23	8.8	5.8	3
		10d	pcs	87	54	36	18	7.1	4.7	2.4
		12d	pcs	74	46	30	15.9	6	4	2
		16d	pcs	57	35	23	12.1	4.5	3	1.5
345ml	Quantity of anchored studs for depth	6d	pcs	129	97	65	34	13.2	8.8	4.6
		8d	pcs	122	76	51	26	10.1	6.7	3.5
		10d	pcs	100	62	41	21	8.2	5.4	2.8
		12d	pcs	85	53	35	18.2	6.9	4.6	2.3
		16d	pcs	65	40	27	13.9	5.2	3.4	1.7
380ml	Quantity of anchored studs for depth	6d	pcs	142	107	72	37	14.6	9.7	5
		8d	pcs	135	83	56	29	11.1	7.4	3.8
		10d	pcs	111	68	46	23	9	6	3.1
		12d	pcs	94	58	38	20.1	7.6	5	2.6
		16d	pcs	72	44	29	15.3	5.7	3.8	1.9
385ml	Quantity of anchored studs for depth	6d	pcs	144	108	73	38	14.8	9.8	5.1
		8d	pcs	136	85	57	29	11.3	7.5	3.9
		10d	pcs	112	69	46	24	9.2	6.1	3.1
		12d	pcs	95	59	39	20.4	7.7	5.1	2.6
		16d	pcs	73	45	30	15.5	5.8	3.8	2
400ml	Quantity of anchored studs for depth	6d	pcs	150	113	76	39	15.3	10.2	5.3
		8d	pcs	142	88	59	30	11.7	7.8	4
		10d	pcs	117	72	48	25	9.5	6.3	3.2
		12d	pcs	99	61	41	21.2	8	5.3	2.7
		16d	pcs	76	47	31	16.1	6	4	2
410ml	Quantity of anchored studs for depth	6d	pcs	154	116	77	40	15.7	10.5	5.4
		8d	pcs	145	90	60	31	12	8	4.1
		10d	pcs	119	74	49	25	9.7	6.5	3.3
		12d	pcs	101	63	42	21.7	8.2	5.4	2.8
		16d	pcs	78	48	32	16.5	6.2	4.1	2.1
600ml	Quantity of anchored studs for depth	6d	pcs	225	169	114	59	23	15.3	8
		8d	pcs	213	132	88	46	17.6	11.7	6.1
		10d	pcs	175	108	72	37	14.3	9.5	4.9
		12d	pcs	149	92	61	31.8	12	8	4.1
		16d	pcs	114	70	47	24.2	9.1	6	3.1

R-KEX II PURE EPOXY RESIN

WORKING LIFE 100 YEARS

Premium pure epoxy resin approved for use in cracked and non-cracked concrete

R-KEX II

R-KEX-II-600 R-KEX-II-385

FEATURES AND BENEFITS

- Approved for use with threaded rods for use in cracked and non-cracked concrete (EAD 330499-01-0601), working life up to 100 years
- Approved for use with post-installed rebars in concrete up to a depth of 2.5 m
- Suitable for use in dry and wet substrates including underwater
- Very high chemical resistance – suitable for applications exposed to influence of various agents (industrial or marine environment)
- Minimal shrinkage provides the option to use in diamond drilled holes and over-sized holes
- Extended bonding time ensures easy installation of metal components (up to 35 min in +20°C)
- For use in temperatures above 0°C
- Seismic category C1, C2
- Diamond and hammer drilling
- Special mixer nozzle - allows for precise mixing of the product

APPROVALS AND REPORTS

- ETA-21/0244
- ETA-13/0455
- ETA-13/0585

Installation guide movie

BASE MATERIALS

Approved for use in:

- Cracked concrete C20/25-C50/60
- Non-cracked concrete C20/25-C50/60

Approved for use with Post Installed Rebar in:

- Concrete C12/15 - C50/60

APPLICATIONS

- Safety barriers
- Formworks support systems
- Structural steelwork
- Heavy machinery
- Street lamps
- Curtain walling
- Racking systems
- Balustrading
- Barriers
- Cladding restraints
- Masonry support
- Machinery
- Platforms
- Post-installed rebar connections
- Rebar and rebar dowelling
- Rebar missed-outs
- Strengthening reinforced concrete structures

R-KEX II with Threaded Rods

R-KEX II with Rebar as an Anchor/ with Post-Installed Rebar

R-KEX II with Sockets

Rawlplug code	Volume	Recommended R-GUN		Quantity		
				Box	Outer	Pallet
	ml	manual	electrical	pcs	pcs	pcs
R-KEX-II-385	385	R-GUN-MULTI	R-GUN-KEX600AKUDOS	10	40	480
R-KEX-II-600	600	R-GUN-MULTI	R-GUN-KEX600AKUDOS	7	7	441

R-KER-II / R-CFS+KER-II HYBRID RESIN

WORKING LIFE 100 YEARS

High resistance hybrid resin approved for use in cracked and non-cracked concrete

R-KER-II

R-KER II-300 R-KER II-345 R-KER II-400 R-CFS+KER-II 600

FEATURES AND BENEFITS

- Approved for use with threaded rods in cracked and non-cracked concrete (EAD 330499-01-0601), working life up to 100 years
- Approved for use with post-installed rebars in concrete up to a depth of 1.5 m
- Suitable for use in dry or wet substrates and water filled holes
- Tests in fire conditions confirm the fire resistance of anchors and reinforcing bars
- Approved for 3 types of hole cleaning (including use of dustless drill bit)
- Special nozzle with longer mixer for more comfortable and precise application
- It is possible to use the winter or summer version to slow or rapid the resin curing time
- Suitable for multiple use. Partly used product can be reused after fitting new nozzle
- Very high load capacity
- Seismic category C1

APPROVALS AND REPORTS

- ETA-21/0242
- ETA-17/0594
- ETA-17/0874

Installation guide movie

BASE MATERIALS

Approved for use in:

- Cracked concrete C20/25-C50/60
- Non-cracked concrete C20/25-C50/60

Approved for use with Post Installed Rebar in:

- Concrete C12/15 - C50/60

APPLICATIONS

- Curtain walling
- Balustrading
- Handrails
- Canopies
- Cable conduits and trays
- Fencing & gates manufacturing and installation
- Pipework/ductwork supports
- Platforms
- Pipelines systems
- Passenger lifts
- Safety barriers
- Formwork support systems

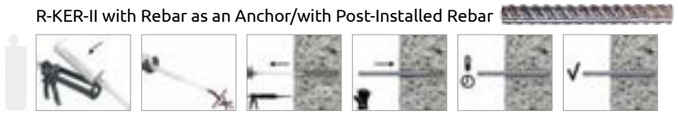
Traditional method with blow pump and brush (4x, 4x,4x)

Method with Dustlessdrill Bit

Method with compressed air (2x, 2x, 2)

R-KER-II with Threaded Rods

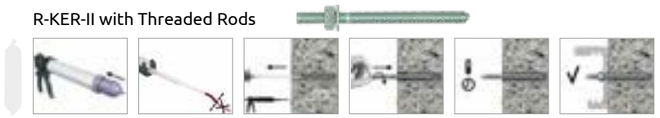
R-KER-II with Rebar as an Anchor/with Post-Installed Rebar



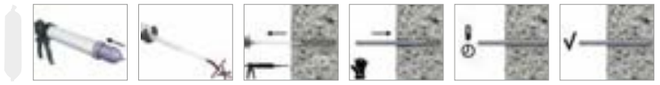
R-KER-II with Sockets

R-KER-II / R-CFS+KER-II HYBRID RESIN (cont.)

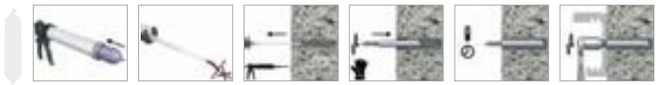
R-KER-II with Threaded Rods



R-KER-II with Rebar as an Anchor/with Post-Installed Rebar



R-KER-II with Sockets



Rawlplug code	Packaging	Version	Volume	Recommended R-GUN		Quantity		
						Box	Outer	Pallet
			ml	manual	electrical	pcs	pcs	pcs
R-KER II-300	cartridge	standard	300	R-GUN-MULTI	-	10	10	840
R-KER II-345	cartridge	standard	345	R-GUN-345-N	-	10	10	840
R-KER-II-400	cartridge	standard	400	R-GUN-MULTI	R-GUN-380-AKUDOSE	10	10	560
R-KER-II-300-S	cartridge	summer	300	R-GUN-MULTI	-	10	10	840
R-KER-II-400-S	cartridge	summer	400	R-GUN-MULTI	R-GUN-380-AKUDOSE	10	10	560
R-KER II-300-W	cartridge	winter	300	R-GUN-MULTI	-	10	10	840
R-KER-II-400-W	cartridge	winter	400	R-GUN-MULTI	R-GUN-380-AKUDOSE	10	10	560
R-CFS+KERII-600	foil	standard	600	R-CFS+GUN-600	R-CFS-GUN-600-AKU	1	1	40
R-CFS+KERII-600-S	foil	summer	600	R-CFS+GUN-600	R-CFS-GUN-600-AKU	1	1	40
R-CFS+KERII-600-W	foil	winter	600	R-CFS+GUN-600	R-CFS-GUN-600-AKU	1	1	40

R-KEM II / R-CFS+RM50 STYRENE FREE POLYESTER RESIN

WORKING LIFE 100 YEARS

Universal polyester (styrene free) resin - European Approval for 15 substrates

R-KEM II

FEATURES AND BENEFITS

- The most convenient bonded anchor for general purpose use
- Approved for 15 substrates
- Approved for use with threaded rods for use in non-cracked concrete (EAD 330499-01-0601), working life up to 100 years
- Quick, secure and simple installation
- Product with wide spectrum of use in the medium load capacity area
- Ideal for applications where mechanical anchors are not suitable
- Easy dosage thanks to patented self-opening system and use of manual or pneumatic gun
- Option of use standard manual silicone gun
- Suitable for multiple use. Partly used product can be reused after fitting new nozzle

APPROVALS AND REPORTS

- ETA-21/0243
- ETA-12/0394
- ETA-12/0528

Installation guide movie

BASE MATERIALS

Approved for use in:

- Non-cracked concrete C20/25-C50/60
- Hollow Brick
- Solid Brick
- Hollow Sand-lime Brick
- Solid Sand-lime Brick
- Hollow Lightweight Concrete Block
- Aerated Concrete Block

Also suitable for use in:

- Natural Stone (after site testing)

APPLICATIONS

- Consoles
- Staircases
- Gates
- High racking
- Canopies
- Sanitary appliances
- Steel constructions
- Railings/Handrails
- Ladders
- Cable trays
- Window elements
- Canopies

R-KEM II / R-CFS+RM50

STYRENE FREE POLYESTER RESIN

BEST SELLER

R-KEM-II -175 | R-KEM-II -300 | R-KEM-II -410 | R-CFS +RM50-4 | R-CFS+RM50 -600-8

R-KEM II with Threaded Rods for concrete

R-KEM II with Threaded Rods for masonry

R-CFS+RM50 with Threaded Rods for concrete

R-CFS+RM50 with Threaded Rods for masonry

Rawlplug code	Packaging	Version	Volume	Recommended R-GUN		Quantity		
						Box	Outer	Pallet
			ml	manual	electrical	pcs	pcs	pcs
R-KEM-II-175	cartridge	standard	175	R-GUN-MULTI	-	10	10	840
R-KEM-II-300	cartridge	standard	300	R-GUN-MULTI	-	10	10	840
R-KEM-II-410	cartridge	standard	410	R-GUN-MULTI	R-GUN-380-AKUDOSE	10	10	560
R-KEM-II-300-W	cartridge	winter	300	R-GUN-MULTI	-	10	10	840
R-KEM-II-300-STONE	cartridge	-	300	R-GUN-MULTI	-	10	10	840
R-KEM-II-410-STONE	cartridge	-	410	R-GUN-MULTI	R-GUN-380-AKUDOSE	10	10	560
R-KEM-II-300-GREY	cartridge	-	300	R-GUN-MULTI	-	10	50	840
R-KEM-II-410-GREY	cartridge	-	410	R-GUN-MULTI	R-GUN-380-AKUDOSE	10	10	560
R-KEM-II-175-SET	cartridge	set	175	R-GUN-MULTI	-	5	5	525
R-KEM-II-300-SET	cartridge	set	300	R-GUN-MULTI	-	5	5	320
R-KEM-II-300-P2G6N	cartridge	set	300	R-GUN-MULTI	-	1	2	112
R-KEM-II-300-P2GUN	cartridge	set	300	R-GUN-MULTI	-	1	5	200
R-CFS+RM50-4	foil	standard	300	R-CFS+GUN-600	R-CFS+GUN-600-AKU	1	8	96
R-CFS+RM50-600-8	foil	standard	600	R-CFS+GUN-600	R-CFS+GUN-600-AKU	1	1	40
R-CFS+RM50-600-W	foil	winter	600	R-CFS+GUN-600	R-CFS+GUN-600-AKU	1	1	40

R-CAS-V

SPIN-IN CAPSULE

High-performance, quick-setting, styrene-free vinylester resin for concrete

R-CAS-V

FEATURES AND BENEFITS

- Approved for use with threaded rods in non-cracked concrete (ETAG001 Option 7)
- High performance for use safety critical application - heavy-duty fastenings with small spacing and edge distances
- The system relies on the adhesion between the concrete and resin, which is free from expansion forces. This makes it an ideal choice where close edge and spacing distances are required
- Capsule contains precise amounts of ingredients making it a very consistent product
- Adhesive strength is not affected by unpolluted water
- Suitable for dry or wet non-cracked concrete
- Styrene free - odourless

APPLICATIONS

- Threaded rods
- Balustrading
- Railings
- Heavy machinery
- Structural steel
- Steel columns
- Cladding restraints
- Curtain walling
- Fencing & gates manufacturing and installation
- Formwork support systems
- Garage doors
- Guard rails

BASE MATERIALS

Approved for use in:

- Non-cracked concrete C20/25-C50/60

Also suitable for use in:

- Natural Stone (after site testing)

APPROVALS AND REPORTS

- ETA-10/0108

Installation guide movie

R-CAS-V with Threaded Rods

Code	Capsule size	Drill / hole diameter	Rods / rebar diameter	Quantity		
				Box	Outer	Pallet
				pcs	pcs	pcs
R-CAS-V-08	8	10	8	10	480	8000
R-CAS-V-10	10	12	10	10	480	5760
R-CAS-V-12	12	14	12	10	480	5760
R-CAS-V-16	16	18	16	10	480	6000
R-CAS-V-20	20	24	20	6	144	960
R-CAS-V-24	24	28	24	6	144	720
R-CAS-V-30	30	35	30	4	32	384

R-HAC-V

HAMMER-IN CAPSULE

Heavy duty anchor with small spacing and edge distances, simply installed by hammering the threaded rods

R-HAC-V

FEATURES AND BENEFITS

- High performance anchor, for use in safety critical applications
- The system relies on the adhesion between concrete and resin, which is free from expansion forces. This makes it an ideal choice where close edge and spacing distances are required
- Capsule contains precise amounts of ingredients making it a very consistent product
- Adhesive bond strength is not affected by unpolluted water
- Suitable for dry or wet non-cracked concrete
- Low cost tooling required for installation, quick and easy to install
- Styrene free - virtually odourless
- Approved for use with threaded rods in non-cracked concrete (ETAG001 Option 7)

APPLICATIONS

- Balustrading & hand-rails
- Cable trays
- Guard rails
- Heavy machinery
- Threaded rods
- Cladding restraints
- Curtain walling
- Fencing & gates manufacturing and installation
- Reinforcement bars

BASE MATERIALS

Approved for use in:

- Non-cracked concrete C20/25-C50/60

Also suitable for use in:

- Natural Stone (after site testing)

APPROVALS AND REPORTS

- ETA-11/0002

Installation guide movie

R-HAC-V HAMMER-IN CAPSULE (cont.)

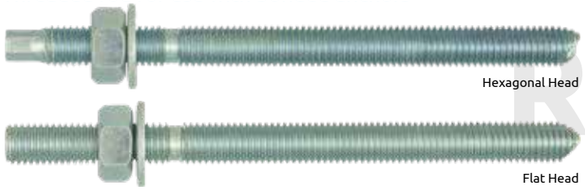
R-HAC-V with Threaded Rods

R-HAC-V with Rebar as an Anchor/ with Post-Installed Rebar

Code	Capsule size	Drill / hole diameter	Rods / rebar diameter	Quantity		
				Box	Outer	Pallet
				pcs	pcs	pcs
R-HAC-V-08	8	10	8	10	480	8000
R-HAC-V-10	10	12	10	10	480	5760
R-HAC-V-12	12	14	12	10	480	8000
R-HAC-V-16	16	18	16	10	480	6000
R-HAC-V-20	20	24	20	6	144	960
R-HAC-V-24	24	28	24	6	144	960
R-HAC-V-30	30	35	30	4	32	384

R-STUDS METRIC THREADED RODS

Threaded rod for use with bonded anchors



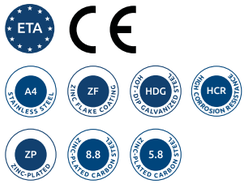
FEATURES AND BENEFITS

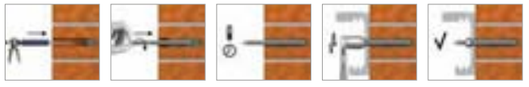
- High load-bearing capacities when used with Rawlplug high-performance bonded anchor resins
- Hexagonal head for convenient use with torque wrench, flat head for quick manual installation
- A4 stainless steel version for use outdoors and in damp conditions
- Class 8.8 carbon steel version offers improved load-bearing capacities (relative to standard carbon steel)
- Suitable for use with special mesh sleeves in hollow substrates
- Can be post-installed through fixture in some cases. (Consult technical advisory service)
- Possibility of removal when used with internally threaded socket
- Products available in Zinc Flake and HDG coating

APPLICATIONS

- Balustrading & handrails
- Supports
- Barriers
- Racking systems
- Consoles
- Railings
- Window elements
- Scaffolding
- Façades
- Cable trays
- Curtain walling
- Formwork supports
- Heavy machinery
- Lamps
- Safety barriers
- Road Signs
- Railings
- Public seating

APPROVALS AND REPORTS





R-STUDS METRIC THREADED RODS (cont.)

Size	Rawlplug code	Anchor		Hole diameter in fixture [mm]	Quantity [pcs]	
		Diameter [mm]	Length [mm]		Box	Outer
R-STUDS Metric Threaded Rods - HCR, Flat Head						
M8	R-STUDS-08110-HCRFL	8	110	9	10	10
M10	R-STUDS-10130-HCRFL	10	130	12	10	10
M12	R-STUDS-12160-HCRFL	12	160	14	10	10
M16	R-STUDS-16190-HCRFL	16	190	18	10	10
M20	R-STUDS-20260-HCRFL	20	260	22	5	5
R-STUDS Metric Threaded Rods - Steel Class 10.9, Hexagonal Head						
M22	R-STUDS-22280-109	22	280	24	20	20
	R-STUDS-22300-109	22	300	24	2	2
	R-STUDS-22350-109	22	350	24	1	1
R-STUDS Metric Threaded Rods - Steel Class 10.9, Flat Head						
M20	R-STUDS-20200109FL	20	200	22	10	10
R-STUDS Metric Threaded Rods - A4, Hexagonal Head						
M8	R-STUDS-08110-A4	8	110	9	10	10
M10	R-STUDS-10130-A4	10	130	12	10	10
M12	R-STUDS-12160-A4	12	160	14	10	10
	R-STUDS-12300-A4	12	300	14	10	10
M16	R-STUDS-16190-A4	16	190	18	10	10
M20	R-STUDS-20260-A4	20	260	22	5	5
R-STUDS Metric Threaded Rods - A4, Flat Head						
M8	R-STUDS-08110-A4FL	8	110	9	10	10
M10	R-STUDS-10130-A4FL	10	130	12	10	10
	R-STUDS-10170-A4FL	10	170	12	10	10
M12	R-STUDS-12160-A4FL	12	160	14	10	120
	R-STUDS-12190-A4FL	12	190	14	10	10
M16	R-STUDS-16190-A4FL	16	190	18	10	10
	R-STUDS-16220-A4FL	16	220	18	10	10
R-STUDS Metric Threaded Rods - A2, Flat Head						
M12	R-STUDS-12200-A2FL	12	12	14	10	10
	R-STUDS-12220-A2FL	12	12	14	10	10
	R-STUDS-12330-A2FL	12	12	14	10	10
	R-STUDS-12350-A2FL	12	12	14	10	10
	R-STUDS-12380-A2FL	12	12	14	10	10
	R-STUDS-12400-A2FL	12	12	14	1	1
	R-STUDS-12440-A2FL	12	12	14	10	10
R-STUDS Metric Threaded Rods - Steel Class 8.8, Flat Head with Zinc Flake Coating						
M8	R-STUDS-0816088ZFF	8	160	9	100	100
M10	R-STUDS-1013088ZFF	10	130	12	10	10
M12	R-STUDS-1211088ZFF	12	110	14	100	100
	R-STUDS-1216088ZFF	12	160	14	100	100
	R-STUDS-1220088ZFF	12	12	14	10	10
	R-STUDS-1222088ZFF	12	12	14	10	10
	R-STUDS-1233088ZFF	12	12	14	10	10
	R-STUDS-1235088ZFF	12	12	14	10	10
	R-STUDS-1238088ZFF	12	12	14	10	10
	R-STUDS-1240088ZFF	12	12	14	10	10
R-STUDS Metric Threaded Rods - Steel Class 5.8, Hexagonal Head with Zinc Flake Coating						
M10	R-STUDS-10130 -ZF	10	130	12	10	300
M12	R-STUDS-12160 -ZF	12	160	14	10	120
R-STUDS Metric Threaded Rods - Steel Class 5.8, Flat Head with Zinc Flake Coating						
M8	R-STUDS-08110FL-ZF	8	110	9	10	10
M10	R-STUDS-10130FL-ZF	10	130	12	10	300
M12	R-STUDS-12160FL-ZF	12	160	14	10	10
R-STUDS Metric Threaded Rods - Steel Class 5.8, Hexagonal Head						
M8	R-STUDS-08110	8	110	9	10	500
	R-STUDS-08160	8	160	9	10	150
M10	R-STUDS-10130	10	130	12	10	300
	R-STUDS-10170	10	170	12	10	10
	R-STUDS-10190	10	190	12	10	10
M12	R-STUDS-12160	12	160	14	10	120
	R-STUDS-12190	12	190	14	10	120
	R-STUDS-12220	12	220	14	10	120
	R-STUDS-12260	12	260	14	10	90
	R-STUDS-12300	12	300	14	10	10
M16	R-STUDS-16190	16	190	18	10	10
	R-STUDS-16220	16	220	18	10	10
	R-STUDS-16260	16	260	18	10	10
	R-STUDS-16300	16	300	18	5	5
	R-STUDS-16380	16	380	18	1	40

R-STUDS METRIC THREADED RODS (cont.)

Size	Rawlplug code	Anchor		Hole diameter in fixture [mm]	Quantity [pcs]	
		Diameter [mm]	Length [mm]		Box	Outer
M20	R-STUDS-20260	20	260	22	5	5
	R-STUDS-20300	20	300	22	5	5
M24	R-STUDS-24300	24	300	26	2	2
M30	R-STUDS-30380	30	380	32	2	2
R-STUDS Metric Threaded Rods - Steel Class 5.8, Flat Head						
M8	R-STUDS-08110-FL	8	110	9	10	10
	R-STUDS-08160-FL	8	160	9	10	10
M10	R-STUDS-10130-FL	10	130	12	10	10
	R-STUDS-10170-FL	10	170	12	10	10
M12	R-STUDS-12160-FL	12	160	14	10	10
	R-STUDS-12190-FL	12	190	14	10	120
	R-STUDS-12220-FL	12	220	14	10	120
	R-STUDS-12260-FL	12	260	14	10	10
M16	R-STUDS-16190-FL	16	190	18	10	10
	R-STUDS-16220-FL	16	220	18	10	10
	R-STUDS-16260-FL	16	260	18	10	10
M20	R-STUDS-20260-FL	20	260	22	6	6
	R-STUDS-20300-FL	20	300	22	5	30
M24	R-STUDS-24300-FL	24	300	26	2	2
R-STUDS Metric Threaded Rods - Steel Class 5.8, Hot Dipped Galvanized, Hexagonal Head						
M8	R-STUDS-08110-HDG	8	110	9	10	10
M12	R-STUDS-12160-HDG	12	160	14	10	10
M20	R-STUDS-20220-HDG	20	220	22	10	10
	R-STUDS-20260-HDG	20	260	22	5	5
	R-STUDS-20270-HDG	20	270	22	5	5
M24	R-STUDS-24300-HDG	24	300	26	2	2
R-STUDS Metric Threaded Rods - Steel Class 5.8, Hot Dipped Galvanized, Flat Head						
M12	R-STUDS-12150-HDFL	12	150	14	10	120
M16	R-STUDS-16190-HDFL	16	190	18	10	10
	R-STUDS-16240-HDFL	16	240	18	10	10
	R-STUDS-16270-HDFL	16	270	18	10	10
	R-STUDS-16290-HDFL	16	290	18	10	10
	R-STUDS-16320-HDFL	16	320	18	10	10
	R-STUDS-16370-HDFL	16	370	18	10	10
M20	R-STUDS-20260-HDFL	20	260	22	20	20
	R-STUDS-20300-HDFL	20	300	22	20	20
R-STUDS Metric Threaded Rods - Steel Class 8.8, Hexagonal Head						
M8	R-STUDS-08110-88	8	110	9	10	10
M10	R-STUDS-10130-88	10	130	12	10	10
M12	R-STUDS-12160-88	12	160	14	10	120
M16	R-STUDS-16190-88	16	190	18	10	10
M20	R-STUDS-20260-88	20	260	22	5	5
R-STUDS Metric Threaded Rods - Steel Class 8.8, Flat Head						
M16	R-STUDS-1619088FL	16	190	18	10	10
	R-STUDS-16220-88FL	16	220	18	10	10
	R-STUDS-1630088FL	16	300	18	10	10
M20	R-STUDS-20260-88FL	20	260	22	10	10
R-STUDS Metric Threaded Rods - Steel Class 8.8, Hot Dipped Galvanized, Hexagonal Head						
M8	R-STUDS-08110-88HD	8	8	9	10	10
M10	R-STUDS-10170-88HD	10	170	12	10	10
	R-STUDS-10190-88HD	10	190	12	10	10
M12	R-STUDS-12160-88HD	12	12	14	10	10
	R-STUDS-12220-88HD	12	12	14	10	10
	R-STUDS-12260-88HD	12	12	14	10	10
M16	R-STUDS-16300-88HD	16	16	18	5	5
	R-STUDS-16150-88HD	16	150	18	10	10
	R-STUDS-16240-88HD	16	240	18	10	10
M20	R-STUDS-20260-88HD	20	20	22	5	5
	R-STUDS-20235-88HD	20	235	22	10	10
	R-STUDS-20300-88HD	20	300	22	25	25
M24	R-STUDS-24300-88HD	24	24	26	2	2
M30	R-STUDS-30380-88HD	30	30	32	2	2
R-STUDS Metric Threaded Rods - Steel Class 8.8, Hot Dipped Galvanized, Flat Head						
M16	R-STUDS-1626088HDF	16	260	18	10	10
M20	R-STUDS-2026088HDF	20	260	22	20	20
	R-STUDS-2030088HDF	20	300	22	20	20
	R-STUDS-2032088HDF	20	320	22	10	10

R-ITS INTERNALLY THREADED SOCKETS

Internally threaded socket for the attachment of suitable bolt or threaded rod

R-ITS

FEATURES AND BENEFITS

- Allows removal of bolt to leave a re-usable socket in place
- High load-bearing capacity
- Close edge and spacing distances
- Expansion free functioning
- Available in zinc plated and stainless steel versions

APPLICATIONS

- For fastening of threaded rods or bolts
- Safety barriers
- Temporary works/ formworks support systems
- Public seating

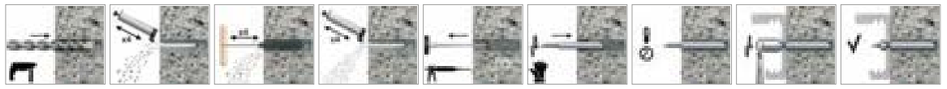
BASE MATERIALS

Approved for use in:

- Non-cracked concrete C20/25-C50/60

APPROVALS AND REPORTS

ETA CE



Rawlplug code	Anchor [mm]			Hole diameter in fixture [mm]	Quantity [pcs]		
	Diameter	Length	Internal thread length		Box	Outer	Pallet
R-ITS-A4 Internally Threaded Sockets, stainless steel							
R-ITS-A4-06075	11	75	24	7	10	10	5600
R-ITS-A4-08075	12.5	75	25	9	10	10	5600
R-ITS-A4-08090	12.5	90	25	9	10	10	3780
R-ITS-A4-10075	16.5	75	30	12	10	10	3780
R-ITS-A4-10100	16.5	100	30	12	10	10	4200
R-ITS-A4-12100	18	100	35	14	6	6	2400
R-ITS-A4-16125	22	125	50	18	6	6	2400
R-ITS-Z Internally Threaded Sockets, zinc plated							
R-ITS-Z-06075	11	75	24	7	10	10	5600
R-ITS-Z-08075	12.5	75	25	9	10	10	5600
R-ITS-Z-08090	12.5	90	25	9	10	10	5600
R-ITS-Z-10075	16.5	75	30	12	10	10	5600
R-ITS-Z-10100	16.5	100	30	12	10	10	3360
R-ITS-Z-12100	18	100	35	14	6	6	2016
R-ITS-Z-16125	22	125	50	18	6	6	2016

R-BRUSH MANUAL AND AUTOMATIC WIRE BRUSHES

Brush accessory for cleaning out holes prior to anchor installation

R-BRUSH TC

R-BRUSH-LT

R-BRUSH-LH

R-BRUSH TC

R-BRUSH-EXT-H-TC

R-BRUSH-EXT-H-SDS

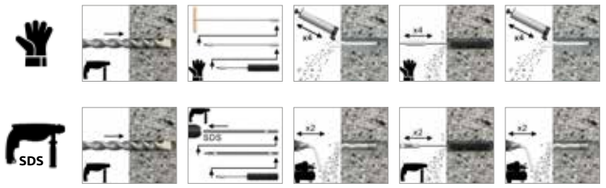
R-BRUSH /M

R-BRUSH

R-BRUSH MANUAL AND AUTOMATIC WIRE BRUSHES (cont.)

FEATURES AND BENEFITS

- Ideal for cleaning dust from drilled holes prior to applying bonded anchors or installing mechanical anchors
- Hole cleaning is necessary for correct loads
- Suitable for variable anchor embedment depths up to 2,5 m
- Suitable for repetitive and frequent use.
- Ideal for serial cleaning of deep holes.



Rawlplug code	Brush diameter [mm]	Drill diameter [mm]	Length [mm]	Quantity [pcs]		
				Box	Outer	Pallet
Extendsion for manual cleaning R-BRUSH with threaded coupling						
R-BRUSH-EXT-LH	-	-	360	1	1	-
R-BRUSH-EXT-LT	-	-	360	1	1	-
Extension for machine cleaning R-BRUSH with threaded coupling						
R-BRUSH-EXT-H-TC	-	-	420	1	30	-
R-BRUSH-EXT-H-SDS	-	-	420	1	30	-
Wire brush with threaded coupling for manual and machine cleaning						
R-BRUSH-12-TC	12	10	200	1	1	-
R-BRUSH-14-TC	14	12	200	1	1	-
R-BRUSH-16-TC	16	14	200	1	1	-
R-BRUSH-18-TC	18	16	200	1	1	-
R-BRUSH-20-TC	20	18	200	1	1	-
R-BRUSH-22-TC	22	20	200	1	1	-
R-BRUSH-27-TC	27	24	200	1	1	-
R-BRUSH-32-TC	32	28	200	1	1	-
R-BRUSH-37-TC	37	35	200	1	1	-
R-BRUSH-42-TC	42	40	200	1	1	-
R-BRUSH-52-TC	52	50	200	1	1	-
Wire brushes						
R-BRUSH-M08/M	12	10	140	1	10	300
R-BRUSH-M10/M	14	12	140	1	10	500
R-BRUSH-M12/M	16	14	240	1	10	500
R-BRUSH-M16/M	20	18	240	1	10	400
R-BRUSH-M20/M	24	24	240	1	10	250
R-BRUSH-M24/M	30	28	240	1	10	250
R-BRUSH-M30/M	36	35	280	1	10	300

R-BLOWPUMP BLOW PUMP

Manual blow pump ideal for cleaning dust from drilled holes prior to applying bonded anchors or installing mechanical anchors

FEATURES AND BENEFITS

- Ideal for cleaning dust from drilled holes prior to applying bonded anchors or installing mechanical anchors
- Hole cleaning is necessary for correct loads
- Manual, easy to use
- Serial application

APPLICATIONS

- Accessory used for cleaning out anchoring holes in concrete and masonry

R-BLOWPUMP BLOW PUMP (cont.)

Rawlplug code	Quantity [pcs]		
	Box	Outer	Pallet
R-BLOWPUMP	12	12	200

R-PLS / SP-CE MESH SLEEVES

Mesh sleeves for reduced mortar consumption and optimal mechanical interlock for masonry

Plastic Mesh Sleeves R-PLS

Wire Mesh Sleeves SP-CE

FEATURES AND BENEFITS

- Ensures that the anchor rod is properly centred.
- Reduces consumption of resin
- User-friendly installation in hollow substrates
- Size must be adjusted to the hole depht and diameter
- Hole cleaning is not necessary

APPLICATIONS

- For use with R-STUDS threaded rods in hollow base materials

BASE MATERIALS

Approved for use in:

- Hollow Brick
- Hollow Lightweight Concrete Block
- Hollow Sand-lime Brick
- Hollow-core Slab

Rawlplug code	Size		Drill diameter [mm]	Quantity [pcs]		
	Tuleja [mm]	Pręt		Box	Outer	Pallet
R-PLS-12050-10	12x50	M8	12	10	700	8400
R-PLS-16085-10	16x85	M10-M12	16	10	500	6000
R-PLS-16130-10	16x130	M10-M12	16	10	400	4800
R-PLS-20085-10	20x85	M16	20	10	400	4800
SP-CE-R08	10X1000	M8	12	10	10	5430
SP-CE-R10	12x1000	M10	14	10	10	1500
SP-CE-R12	16x1000	M12	16	10	10	1300
SP-CE-R16	22x1000	M16	22	10	10	384
SP-CE-R20	28x1000	M20	28	5	5	280

R-NOZ MIXER NOZZLES

Static mixer for bonded anchors in cartridges and CFS+ system

R-NOZ-KEX-II

R-NOZ-KER-II

R-NOZ

R-NOZ MIXER NOZZLES (cont.)

FEATURES AND BENEFITS

- Covenient extrusion and mixing of resin and hardener
- Available with or without hanger
- Ideal for serial applications: rebar or anchoring
- Specially dedicated nozzle fits for anchoring systems R-KEX-II, R-KER-II, R-KEM II
- Possibility of extenstion- attach SP-CE-ED-1m extension nozzle up to 2.5 m

APPLICATIONS

- For use in a wide range of fastening applications in concrete and solid masonry structures

Rawlplug code	Suitable for	Length [mm]	Quantity		
			Box	Outer	Pallet
			pcs	pcs	pcs
R-NOZ-KEX-II-10	R-KEX-II	250	10	100	2400
R-NOZ-KEX-II-100	R-KEX-II	250	100	500	12000
R-NOZ-KER-II-10	R-KER-II	215	10	200	4800
R-NOZ-KER-II-100	R-KER-II	215	100	700	16800
R-NOZ-10	R-KEM-II	200	10	200	4800
R-NOZ-100/100	R-KEM-II	200	100	700	16800

NOZZLE EXTENSION

Elastic extension pipe for bonded anchors in cartridges and CFS+ system

R-NOZ-EXT SP-CE-ED-1M

FEATURES AND BENEFITS

- **SP-CE-DE-1M** Rigid extension pipe used for cleaning deep holes starting from the bottom of the hole and dosing resin for deep anchoring
- **R-NOZ-EXT** An extension hose, making it possible to clean the hole uniformly, with no dust. To achieve this, the hose is connected to the compresor. Rawlplug offers extensions making it possible to clean over a lenght of up to 3 metres. It is important that the hoses can be conveniently cut to the required length.

APPLICATIONS

- Ensure thorough cleaning of the hole, with removal of all drill dust, to make sure the appropriate load capacity is achieved
- Can be used in holes of different depths
- Are suitable for repeated and frequent use together with the brushes they form an approved cleaning system
- Enables resin dosing in technology for deep anchoring (post installed rebar)

Rawlplug code	Suitable for	Length [mm]	Quantity [pcs]	
			Box	Outer
SP-CE-ED-1M	Extension pipe for bonded anchors	1000	10	10
R-NOZ-EXT-200	Extension pipe for bonded anchors	200	50	1000
R-NOZ-EXT-300	Extension pipe for bonded anchors	300	50	1000
R-NOZ-EXT-3000	Extension pipe for bonded anchors	3000	1	1

R-NOZ-P DOSING PISTON PLUG

NEW PRODUCT

Dosing piston plug - system for automatic dosing resin in deep holes

FEATURES AND BENEFITS

- Full control over the degree to which the hole is filled with resin
- Uniform resin injection into the hole
- Absence of air bubbles in the hole.
- Dispensing of the appropriate volume of the resin.

Rawlplug code	Drill diameter	Quantity [pcs]		
		Box	Outer	Pallet
R-NOZ-P-16-26	16-26 mm	1	30	2640
R-NOZ-P-28-50	28-50 mm	1	25	2200
R-NOZ-P-SET	16-50 mm	1	25	2200

R-NOZ-ADAPTER AIR ADAPTER

NEW PRODUCT

Adapter for automatic cleaning deep holes before dozing the resin

R-NOZ-ADAPTER-14 R-NOZ-ADAPTER-28

FEATURES AND BENEFITS

- Enables precise cleaning of holes - especially in deep anchoring.
- Uniform removes dust and dust from the hole.
- Thanks to the use of a compressor speed up work.
- Ideal for serial cleaning of deep holes.

Rawlplug code	Hole diameter	Quantity [pcs]		
		Box	Outer	Pallet
R-NOZ-ADAPTER-14	14 - 20 mm	1	30	2640
R-NOZ-ADAPTER-22	22 - 26 mm	1	30	2640
R-NOZ-ADAPTER-28	28 - 50 mm	1	30	2640

R-GUN BATTERY EXTRUSION GUN WITH DOSING

Professional dispensing system for resin anchors in cartridges

R-GUN-KEX600AKUDOS

FEATURES AND BENEFITS

- Quick and easy application of resins
- Wireless work thanks to a powerful battery
- A unique option of memorizing the dose
- Smooth regulation of the dosing speed
- Anti-drip function
- Regulation of the dosing speed
- Battery powered - high performance lithium-ion battery
- Memory function - enables precise dispensing of a repetitive amount of resin

APPLICATIONS

- R-GUN-KEX600-AKUDOSE suitable for:
  R-KEX-II 385ml, R-KEX-II 600ml

Rawlplug code	Description	Quantity [pcs]	
		Box	Outer
R-GUN-KEX600AKUDOS	Battery squeezer for bonded anchors: R-KEX-II 600 i R-KEX-II 385 ml	1	1

R-GUN BATTERY EXTRUSION GUN WITH DOSING 380 ML

Memory function - enables precise dispensing of a repetitive amount of resin

R-GUN-380-AKUDOSE

FEATURES AND BENEFITS

- Quick and easy application of resins.
- Wireless work thanks to a powerful battery.
- Option of memorizing the dose.
- Regulation of the dosing speed.
- Anti-drip function
- Battery powered - high performance lithium-ion battery.
- Memory function - enables precise dispensing of a repetitive amount of resin

APPLICATIONS

- Dosing of bonded resins and other mediums from coaxial 380 -410 ml cartridges

Rawlplug code	Description	Quantity [pcs]	
		Box	Outer
R-GUN-380-AKUDOSE	Li-ion Battery pack 2,0 Ah 18V	1	1

R-GUN ELECTRIC DISPENSER GUN FOR CARTRIDGES

Professional battery-powered cartridge bonded anchors dispenser gun

R-GUN-380-AKU-T

FEATURES AND BENEFITS

- Quick and easy application of resins
- Wireless work thanks to a powerful battery
- Smooth regulation of the dosing speed
- Anti-drip function R-GUN-380-AKU recommended for R-KEM-II-410

APPLICATIONS

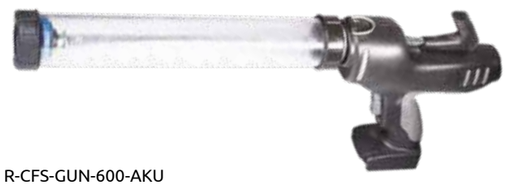
- R-GUN-380-AKU-T suitable for:
  R-KER-II-400
  R-KEM-II-410

Rawlplug code	Description	Quantity [pcs]	
		Box	Outer
R-GUN-380-AKU-T	Cartridges Electric Dispenser 380, 400 i 410 ml	1	50

R-GUN ELECTRIC DISPENSER GUN CFS+

NEW PRODUCT

Professional electric dispensing gun for resin anchors



R-CFS-GUN-600-AKU

FEATURES AND BENEFITS

- Fast and effortless resin injection
- Wireless work thanks to a powerful battery.
- Light and ergonomic design.
- Controlled speed ensures controlled dosing.
- Safety switch in case of excessive overload prevents damage.
- Anti-drip function

APPLICATIONS

- R-CFS-GUN-600-AKU suitable for:
  R-CFS+KERII 300, 600ml

Rawlplug code	Description	Quantity [pcs]	
		Box	Outer
R-CFS-GUN-600-AKU	Electric Dispenser for CFS+folis 600 i 300 ml	1	12

R-GUN MULTI DISPENSER GUN

BEST SELLER

Professional manual dispensing system for resin anchors in cartridges

FEATURES AND BENEFITS

- Perfect for professional application
- Robust and durable design for all kinds of working conditions
- Quick and easy resin dispensing
- Manual operaion - no need to use power supply
- One extrude for all kinds of cartridges
- Good leverage allows quick and easy resin dispensing
- Convenient to use
- Very high pressure power and injection comfort
- Release pressure system
- Realible metal frame structure
- Durable design meets the high requirements for the construction site and thus offers a long service life

APPLICATIONS

- R-GUN MULTI suitable for:
  R-KEX-II 600ml
  R-KEX-II 385ml
  R-KER-II 400ml
  R-KER-II 300ml
  R-KEM-II 410ml
  R-KEM-II 300ml
  R-KEM-II 175ml

Rawlplug code	Description	Quantity [pcs]	
		Box	Outer
R-GUN-MULTI	Dispenser gun suitable for: R-KEX-II-600, R-KEX-II-385 R-KER-II-400, R-KER-II-300, R-KEM-II-410, R-KEM-II-300, R-KEM-II-175	1	10

R-GUN DISPENSER GUNS

Professional manual dispensing system for resin anchors in cartridges

R-GUN 300 N

R-GUN 345 N

R-GUN 380 P

R-GUN 600 P

FEATURES AND BENEFITS

- Manual operation - no need for external power supply
- Fast and effortless resin injection
- Convenient dispensing tool for a range of situations
- Type of gun used for anchoring strictly depends on the type of cartridge
- Robust design for all jobsite conditions

APPLICATIONS

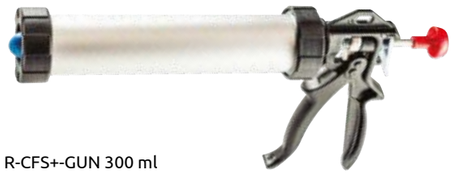
- R-GUN 300 N suitable for:
  R-KER-II 300ml
  R-KEM-II 300ml
  R-KEM-II 175ml
- R-GUN 345 N suitable for:
  R-KER-II 345ml
- R-GUN 380 P suitable for:
  R-KER-II 400ml
  R-KEM-II 410 ml
- R-GUN-600-P suitable for:
  R-KEX-II 385ml
  R-KEX-II 600ml

R-GUN DISPENSER GUNS (cont.)

Rawlplug code	Product	Description	Quantity [pcs]	
			Box	Outer
R-GUN-300-N	R-KER-II-300, R-KEM-II-300, R-KEM-II-175	Dispenser gun suitable for: 310, 300, 175 ml	1	12
R-GUN-345-N	R-KER-II-345	Dispenser gun suitable for: 345 ml	1	12
R-GUN-380-P	R-KER-II-400, R-KEM-II-410, R-KEM-II-400	Dispenser gun suitable for: 410, 400, 380 ml	1	10
R-GUN-300-N/H	R-KER-II-300, R-KEM-II-300	Dispenser gun suitable with a bookcase pendant	1	12
R-GUN-600-P	R-KEX-II-600, R-KEX-II-385	Dispenser gun suitable for: R-KEX II	1	150

R-GUN DISPENSER GUN CFS+

Professional dispensing system for bonded anchors



R-CFS+-GUN 300 ml

R-CFS+GUN 600 ml

FEATURES AND BENEFITS

- Manual operation - no need for external power supply
- Type of gun used for anchoring strictly depends on the type of cartridge
- Fast and effortless resin injection
- Convenient dispensing tool for a range of situations
- Robust design for all jobsite conditions

APPLICATIONS

- R-CFS+-GUN 600 suitable for:
  R-CFS+KERII 300ml, 600ml
- R-CFS+-GUN 300 suitable for:
  R-CFS+KERII 300ml

Rawlplug code	Description	Quantity [pcs]	
		Box	Outer
R-CFS+-GUN	Dispenser gun for CFS+ 300 ml	1	12
R-CFS+GUN-600	Dispenser gun for CFS+ 600 and 300 ml	1	1

R-GUN PNEUMATIC DISPENSER GUNS

Professional pneumatic dispensing system for resin anchors in cartridges

R-GUN-PNEU 380 ml

FEATURES AND BENEFITS

- Type of gun used for anchoring strictly depends on the type of cartridge
- Fast and effortless resin injection
- Convenient dispensing tool for a range of situations
- Robust design for all jobsite conditions

APPLICATIONS

- R-GUN-PNEU 380 suitable for:
  R-KER-II 400ml
  R-KEM-II 410ml

Rawlplug code	Description	Quantity [pcs]	
		Box	Outer
R-GUN-380-PNEU	Cartridge Pneumatic Gun suitable for: 410, 400 i 380 ml	1	1

GUNS MATCHING GUN TO THE PRODUCT

R-GUN-KEX600AKUDOSE

Suitable for:
- R-KEX-II 600ml
- R-KEX-II 385ml

R-GUN-380-AKUDOSE

Suitable for:
- R-KER-II 400 ml
- R-KEM-II 410ml

R-GUN-380-AKU-T

Suitable for:
- R-KER-II 400 ml
- R-KEM-II 410ml

R-CFS+GUN-600-AKU

Suitable for:
- R-CFS+KERII 600ml, 300ml
- R-CFS+RM50 600ml, 300ml

R-GUN-380-PNEU

Suitable for:
- R-KER-II 400ml
- R-KEM-II 410ml

GUNS MATCHING GUN TO THE PRODUCT

R-GUN-MULTI

Suitable for:
- R-KEX-II 600ml, 385ml
- R-KER-II 400ml, 300ml
- R-KEM-II 410ml, 380ml, 300ml, 175ml

R-GUN-600-P

Suitable for:
- R-KEX-II 600ml, 385ml

R-GUN-380-P

Suitable for:
- R-KER-II 400ml
- R-KEM-II 410 ml

R-GUN-300-N

Suitable for:
- R-KER-II 300ml
- R-KEM-II 175ml
- R-KEM-II 300ml

R-GUN-345-N

Suitable for:
- R-KER-II 345ml

R-CFS+GUN-600; R-GUN-CFS+300-P

Suitable for:
- R-CFS+KERII 300ml, 600ml R-CFS+
- R-CFS+ RM50 300ml, 600ml

Mechanical Anchors

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RAWLPLUG®

100 YEARS OF EXPERTISE IN FIXINGS, FASTENERS AND TOOLS

MECHANICAL ANCHORS

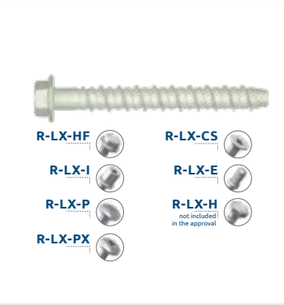
EFFICIENCY IN THE MOST DEMANDING ENVIRONMENTS

SOLID WALLS

CONCRETE SCREWS

CONCRETE SCREWS ANCHOR FOR CRACKED AND NON-CRACKED CONCRETE

Self-tapping zinc flake coating or zinc plated concrete screwbolt

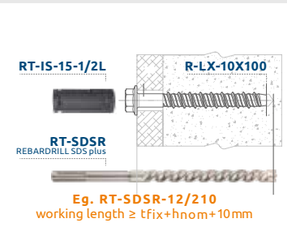


R-LX

ETA CE ETA OPTION 1 ETA MULTI-POINT NON-STRUCTURAL FIXINGS

SEISMIC C1 - C2 | VDS | FIRE

ZF (ZINC FLAKE COATING) | ZP (ZINC-PLATED)



THROUGHBOLTS

OPTION 1

THROUGHBOLTS FOR CRACKED AND NON-CRACKED CONCRETE

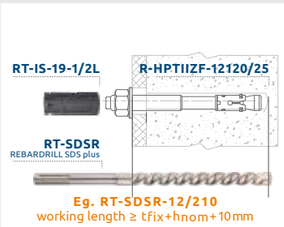
Self-tapping zinc flake coating or zinc plated concrete screwbolt

R-HPTIIA4 | R-HPTII-ZF

ETA CE ETA OPTION 1

SEISMIC C1 - C2 | VDS | FIRE

A4 (STAINLESS STEEL) | ZF (ZINC FLAKE COATING)



THROUGHBOLTS

OPTION 7

THROUGHBOLTS FOR NON-CRACKED CONCRETE

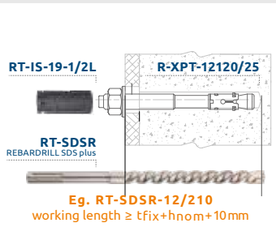
Stainless steel or zinc-plated throughbolt for non-cracked concrete

R-XPTIIA4 | R-XPTIII-HD | R-XPT

ETA CE ETA OPTION 7

-

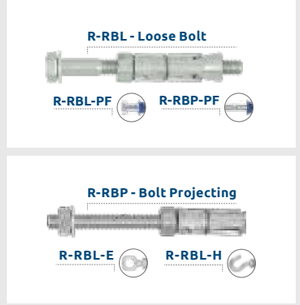
A4 (STAINLESS STEEL) | HDG (HOT DIP GALVANIZED) | ZP (ZINC-PLATED)



RAWLBOLTS

RAWLBOLT® FOR CRACKED, NON-CRACKED CONCRETE, HOLLOW CORE SLAB AND CERAMIC SUBSTRATES

World's most popular all -purpose expanding shield anchor for solid or hollow substrate

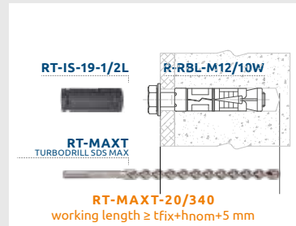


R-RBL & R-RBP

ETA CE ETA OPTION 1

FIRE | VDS

ZP (ZINC-PLATED)



DROP-IN ANCHORS

INTERNALLY THREADED ANCHORS FOR CRACKED AND NON-CRACKED CONCRETE

Internally threaded wedge anchor for simple hammer-set installation

R-DCA-A4 | R-DCA | R-DCL

ETA CE

FIRE

A4 (STAINLESS STEEL) | ZP (ZINC-PLATED) | A4 (STAINLESS STEEL) | ZP (ZINC-PLATED)

RACKING

PUBLIC SEATS

STEELWORK

LIFTS & ESCALATORS

BALUSTRADE AND HANDRAIL

STEEL STRUCTURES

CONDUITS

STEEL COLUMNS

CURTAIN WALLING

BALUSTRADING

MACHINERY

GATES

VENTILATION INSTALLATIONS

MECHANICAL INSTALLATIONS

CLADDING

BARRIERS

LIFTS & ESCALATORS

SATELLITE

PIPEWORK

SPRINKLER SYSTEMS

RAWLPLUG® Academy

Use the e-learning training or sign up for our hands-on training.

- *Mechanical anchors*
  - general characteristcs and applications
- *Mechanical anchors*
  - characteristic of product R-LX

www.rawlplug.com

Overview of our range

	MECHANICAL ANCHORS	R-LX	R-HPTIIA4	R-HPTIIZF	R-XPTIIA4	R-XPT
MATERIAL	ZINC PLATED STEEL	V	-	-	-	V
	ZINC FLAKED STEEL	V	-	V	-	-
	HOT DIP GALVANIZED STEEL	-	-	-	-	-
	STAINLESS STEEL	-	V	-	V	-
SUBSTRATES	CONCRETE	V	V	V	V	V
	CRACKED CONCRETE	V	V	V	-	-
	REINFORCED CONCRETE	V	V	V	V	V
	STONE	V	V	V	V	V
	HOLLOW CORE SLAB	V	-	-	-	-
	SOLID BRICK	-	-	-	-	-
	SANDLIME HOLLOW BRICK	-	-	-	-	-
	LIGHTWEIGHT CONCRETE BLOCKS	-	-	-	-	-
	AERATED CONCRETE	-	-	-	-	-
APPROVALS	CE	V ETA 17/0806	V ETAG 001-2 Option 1	V ETAG 001-2 Option 1	V ETAG 001-2 Option 7	V ETAG 001-2 Option 7
		V	V	V	-	
		V C1, C2	V C1, C2	V C1, C2	-	-
		V	V	V	-	-

DESIGN TENSION AND SHEAR LOADS IN kN

[kN]	N_{Rd}	V_{Rd}	N_{Rd}	V_{Rd}	N_{Rd}	V_{Rd}	N_{Rd}	V_{Rd}	N_{Rd}	V_{Rd}
5	M5	M5	M8	M8	M8	M8	M8	M8	M6	M6
10										
15										
20									M24	
25			M16				M16			
30	M14				M20					
35				M16				M16		
40										
45										
50		M14								M24
60						M20				
70										
80										
90										
100										

Overview of our range

R-XPTIII-HD	RAWLBOLT	SAFETY PLUS	R-DCA	R-DCL	R-DCA-A4
-	V	V	V	V	-
-	-	-	-	-	-
V	-	-	-	-	-
-	-	-	-	-	V
V	V	V	V	V	V
-	V	-	V	V	V
V	V	V	V	V	V
V	V	V	V	V	V
-	V	-	-	V	-
-	V	-	-	-	-
-	V	-	-	-	-
-	V	-	-	-	-
-	-	-	-	-	-
-	V ETAG001-2 Option 1	V ETAG001-2 Option 7	V ETAG001-6	V ETAG001-6	V ETAG001-6
-	V	-	V	V	V
-	-	-	-	-	-
-	V	-	-	-	-

N_{Rd}	V_{Rd}	N_{Rd}	V_{Rd}	N_{Rd}	V_{Rd}	N_{Rd}	V_{Rd}	N_{Rd}	V_{Rd}	N_{Rd}	V_{Rd}
M6	M6	M6	M8	M8	M8	M6	M6	M6	M6	M6-M20	M6-M20
						M20	M20	M20	M20		
M24											
				M20							
		M20									
	M24				M20						
			M24								

QUICK, EFFICIENT AND SECURE ANCHORING

The product is fully supported by **Easy Fix** design software

6 screw head variants for **easy adaptation to fixing into substrate**

Removal and **multi-functional use**

Main thread's distinctive outline to **maximise the undercut**

Testing gauge allows to determine whether the screw is suitable for re-use

Unique and **patented thread profile**

Design facilitating transfer of tightening torque to thread

Perfect tip profile **making application easy**

Double thread that ensures **optimum load capacity**

R-LX CONCRETE SCREW ANCHOR

BEST SELLER

Self-tapping concrete screwbolt

R-LX

FEATURES AND BENEFITS

- Time-efficient installation through streamlined procedure - simply drill and drive
- Completely removable with possibility of reuse
- Unique design with patented threadform ensures high performance for relatively small hole diameter
- Non-expansion functioning ensures low risk of damage to base material and makes R-LX ideal for installation near edges and adjacent anchors
- Special zinc flake corrosion-resistant coating
- High performance in both uncracked and cracked concrete
- Different head types for any application
- Oversize head for fixtures with elongated holes
- Excellent product for temporary fixing
- Suitable for standard and reduced embedment depth

APPLICATIONS

- Through-fixing
- Temporary anchorages
- Formwork support systems
- Balustrading & handrails
- Fencing & gates manufacturing and installation
- Racking systems
- Public seating
- Scaffolding

BASE MATERIALS

Approved for use in:

- Cracked concrete C20/25-C50/60
- Non-cracked concrete C20/25-C50/60
- Reinforced concrete
- Unreinforced concrete
- Hollow Core Slab (only R-LX-06)

Also suitable for use in:

- Natural Stone (after site testing)

APPROVALS AND REPORTS

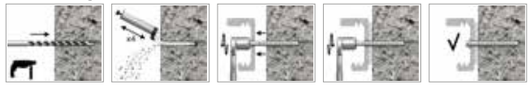
- ETA-17/0783
- ETA-17/0806

Installation guide movie

Animation

R-LX-HF

Installation guide R-LX-HF

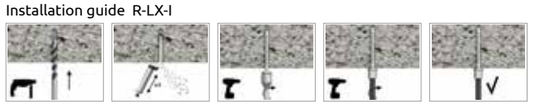


R-LX-CS

Installation guide R-LX-CS

R-LX-I

Installation guide R-LX-I



R-LX-E

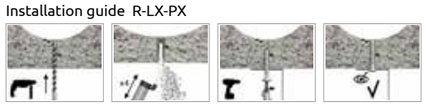
Installation guide R-LX-E

R-LX-P

Installation guide R-LX-P

R-LX-PX

Installation guide R-LX-PX

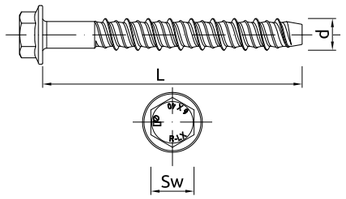


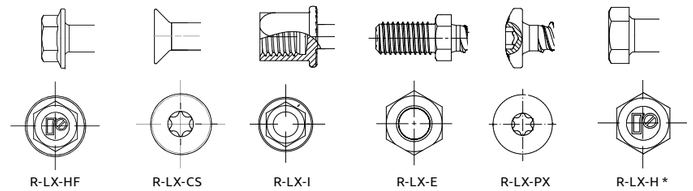
R-LX-H

Installation guide R-LX-H

*non-ETA - temporary fixing only

R-LX CONCRETE SCREW ANCHOR (cont.)





*not covered by the approval
** for multi-point non-structural fixings ETA-17/0783

Size	Rawlplug code		Drill diameter	Anchor		Wrench		Max. thickness t_{fix} for:		Quantity [pcs]	
				Diameter	Length	S_w	TX	$h_{nom,s}$	$h_{nom,r}$	Box	Pallet
				mm	mm	mm		mm	mm		
R-LX-HF Hex with Flange											
Ø5	R-LX-05X050-HF-ZF	R-LX-05X050-HF-ZP	5.0	6.3	50	8	-	7	-	100	41600
	R-LX-05X075-HF-ZF	R-LX-05X075-HF-ZP	5.0	6.3	75	8	-	32	-	100	41600
Ø6	R-LX-06X035-HF-ZF	R-LX-06X035-HF-ZP	6.0	7.5	35	10	-	-	-	100	41600
	-	R-LX-06X040-HF-ZP	6.0	7.5	40	10	-	-	1	100	41600
	R-LX-06X050-HF-ZF	R-LX-06X050-HF-ZP	6.0	7.5	50	10	-	-	7	100	41600
	-	R-LX-06X060-HF-ZP	6.0	7.5	60	10	-	5	17	100	38400
	R-LX-06X075-HF-ZF	R-LX-06X075-HF-ZP	6.0	7.5	75	10	-	20	32	100	35200
	-	R-LX-06X090-HF-ZP	6.0	7.5	90	10	-	35	47	100	25600
	R-LX-06X100-HF-ZF	R-LX-06X100-HF-ZP	6.0	7.5	100	10	-	45	57	100	25600
	R-LX-06X130-HF-ZF	R-LX-06X130-HF-ZP	6.0	7.5	130	10	-	75	87	100	25600
	R-LX-06X150-HF-ZF	R-LX-06X150-HF-ZP	6.0	7.5	150	10	-	95	107	100	25600
Ø8	R-LX-08X060-HF-ZF	R-LX-08X060-HF-ZP	8.0	10	60	13	-	-	10	100	25600
	R-LX-08X075-HF-ZF	R-LX-08X075-HF-ZP	8.0	10	75	13	-	5	25	100	25600
	R-LX-08X090-HF-ZF	R-LX-08X090-HF-ZP	8.0	10	90	13	-	20	40	100	19200
	R-LX-08X100-HF-ZF	R-LX-08X100-HF-ZP	8.0	10	100	13	-	30	50	100	19200
	-	R-LX-08X120-HF-ZP	8.0	10	120	13	-	50	70	50	12800
	R-LX-08X130-HF-ZF	R-LX-08X130-HF-ZP	8.0	10	130	13	-	60	80	50	12800
	R-LX-08X150-HF-ZF	R-LX-08X150-HF-ZP	8.0	10	150	13	-	80	100	50	12800
Ø10	-	R-LX-10X060-HF-ZP	10.0	12.5	60	15	-	-	5	50	15600
	R-LX-10X065-HF-ZF	R-LX-10X065-HF-ZP	10.0	12.5	65	15	-	-	15	50	15600
	R-LX-10X075-HF-ZF	R-LX-10X075-HF-ZP	10.0	12.5	75	15	-	-	35	50	12800
	R-LX-10X085-HF-ZF	R-LX-10X085-HF-ZP	10.0	12.5	85	15	-	-	30	50	12800
	-	R-LX-10X090-HF-ZP	10.0	12.5	90	15	-	5	35	50	12800
	R-LX-10X100-HF-ZF	R-LX-10X100-HF-ZP	10.0	12.5	100	15	-	15	45	50	12800
	-	R-LX-10X110-HF-ZP	10.0	12.5	100	15	-	25	55	25	6400
	R-LX-10X120-HF-ZF	R-LX-10X120-HF-ZP	10.0	12.5	120	15	-	35	65	25	6400
	-	R-LX-10X130-HF-ZP	10.0	12.5	130	15	-	45	75	25	7800
	R-LX-10X140-HF-ZF	R-LX-10X140-HF-ZP	10.0	12.5	140	15	-	55	85	25	7800
	-	R-LX-10X150-HF-ZP	10.0	12.5	150	15	-	65	95	25	7800
Ø12	R-LX-12X075-HF-ZF	R-LX-12X075-HF-ZP	12.0	14.9	75	16	-	-	15	50	9600
	R-LX-12X100-HF-ZF	R-LX-12X100-HF-ZP	12.0	14.9	100	16	-	-	40	50	6400
	R-LX-12X130-HF-ZF	R-LX-12X130-HF-ZP	12.0	14.9	130	16	-	30	70	50	6400
	R-LX-12X150-HF-ZF	R-LX-12X150-HF-ZP	12.0	14.9	150	16	-	50	90	50	6400
Ø14	R-LX-14X080-HF-ZF	R-LX-14X080-HF-ZP	14.0	17	80	19	-	-	5	20	5120
	R-LX-14X105-HF-ZF	R-LX-14X105-HF-ZP	14.0	17	105	19	-	-	30	20	5120
	R-LX-14X115-HF-ZF	R-LX-14X115-HF-ZP	14.0	17	115	19	-	-	40	20	5120
	R-LX-14X135-HF-ZF	R-LX-14X135-HF-ZP	14.0	17	135	19	-	15	60	20	5120
	-	R-LX-14X160-HF-ZP	14.0	17	160	19	-	40	85	15	3840
R-LX-CS Countersunk head											
Ø5	R-LX-05X050-CS-ZF	R-LX-05X050-CS-ZP	5.0	6.3	100	-	25	7	-	100	41600
	R-LX-05X075-CS-ZF	R-LX-05X075-CS-ZP	5.0	6.3	100	-	25	32	-	100	41600
Ø6	R-LX-06X050-CS-ZF	R-LX-06X050-CS-ZP	6.0	7.5	50	-	40	-	7	100	41600
	-	R-LX-06X060-CS-ZP	6.0	7.5	60	-	40	5	17	100	38400
	R-LX-06X075-CS-ZF	R-LX-06X075-CS-ZP	6.0	7.5	75	-	40	20	32	100	41600
	-	R-LX-06X090-CS-ZP	6.0	7.5	90	-	40	35	47	100	38400
	R-LX-06X100-CS-ZF	R-LX-06X100-CS-ZP	6.0	7.5	100	-	40	45	57	100	25600
	R-LX-06X130-CS-ZF	R-LX-06X130-CS-ZP	6.0	7.5	130	-	40	75	87	100	25600
	R-LX-06X150-CS-ZF	R-LX-06X150-CS-ZP	6.0	7.5	150	-	40	95	107	100	25600

R-LX CONCRETE SCREW ANCHOR (cont.)

Size	Rawlplug code		Drill diameter	Anchor		Wrench		Max. thickness t_{fix} for:		Quantity [pcs]	
				Diameter	Length	S_W	TX	$h_{nom,s}$	$h_{nom,r}$	Box	Pallet
				mm	mm	mm		mm	mm		
Ø8	R-LX-08X060-CS-ZF	R-LX-08X060-CS-ZP	8.0	10	60	-	50	-	10	100	25600
	R-LX-08X075-CS-ZF	R-LX-08X075-CS-ZP	8.0	10	75	-	50	5	25	100	25600
	R-LX-08X090-CS-ZF	R-LX-08X090-CS-ZP	8.0	10	90	-	50	20	40	100	19200
	R-LX-08X100-CS-ZF	R-LX-08X100-CS-ZP	8.0	10	100	-	50	30	50	100	19200
	-	R-LX-08X120-CS-ZP	8.0	10	120	-	50	50	70	50	12800
	R-LX-08X130-CS-ZF	R-LX-08X130-CS-ZP	8.0	10	130	-	50	60	80	50	12800
	R-LX-08X150-CS-ZF	R-LX-08X150-CS-ZP	8.0	10	150	-	50	80	100	50	12800
Ø10	-	R-LX-10X060-CS-ZP	10.0	12.5	60	-	50	-	5	50	15600
	R-LX-10X065-CS-ZF	R-LX-10X065-CS-ZP	10.0	12.5	65	-	50	-	10	50	15600
	R-LX-10X075-CS-ZF	R-LX-10X075-CS-ZP	10.0	12.5	75	-	50	-	20	50	12800
	R-LX-10X085-CS-ZF	R-LX-10X085-CS-ZP	10.0	12.5	85	-	50	-	30	50	12800
	-	R-LX-10X090-CS-ZP	10.0	12.5	90	-	50	5	35	50	12800
	R-LX-10X100-CS-ZF	R-LX-10X100-CS-ZP	10.0	12.5	100	-	50	15	45	50	12800
	-	R-LX-10X110-CS-ZP	10.0	12.5	110	-	50	25	55	50	12800
	R-LX-10X120-CS-ZF	R-LX-10X120-CS-ZP	10.0	12.5	120	-	50	35	65	25	6400
	-	R-LX-10X130-CS-ZP	10.0	12.5	130	-	50	45	75	25	9600
	R-LX-10X140-CS-ZF	R-LX-10X140-CS-ZP	10.0	12.5	140	-	50	55	85	25	7800
	-	R-LX-10X150-CS-ZP	10.0	12.5	150	-	50	65	95	20	7680
	R-LX-10X160-CS-ZF	R-LX-10X160-CS-ZP	10.0	12.5	160	-	50	75	105	20	6240
R-LX-P Pan-head screw											
Ø6	-	R-LX-06X040-P-ZP	6.0	7.5	40	-	30	-	-	100	41600
R-LX-PX Oversize Pan-head screw											
Ø6	-	R-LX-06X035-PX-ZP	6.0	7.5	35	-	30	-	-	100	41600
	-	R-LX-06X050-PX-ZP	6.0	7.5	50	-	30	-	11	100	41600
R-LX-I Internally threaded head											
Ø5	-	R-LX-05X025-I06-ZP	5.0	6.0	35	10	-	-	-	100	38400
Ø6	-	R-LX-06X035-I06-ZP	6.0	7.5	35	13	-	-	-	100	41600
	-	R-LX-06X035-I08-ZP	6.0	7.5	35	13	-	-	-	100	41600
	-	R-LX-06X055-I08-ZP	6.0	7.5	55	13	-	-	-	100	41600
	-	R-LX-06X035-I10-ZP	6.0	7.5	35	13	-	-	-	100	41600
	-	R-LX-06X055-I10-ZP	6.0	7.5	55	13	-	-	-	100	41600
	-	R-LX-06X035-I8/10Z	6.0	7.5	35	13	-	-	-	100	41600
	-	R-LX-06X055-I8/10Z	6.0	7.5	55	13	-	-	-	100	41600
Ø8	-	R-LX-08X050-I12-ZP	8.0	10.0	50	15	-	-	-	100	19200
Ø10	-	R-LX-10X055-I16-ZP	10.0	12.5	55	17	-	-	-	100	9600
Externally threaded head screw											
Ø6	-	R-LX-06X055-E8-ZP	6.0	7.5	35	E7	-	-	-	100	25600
R-LX-H Hexagonal head											
Ø8	R-LX-08X060-H-ZF*	R-LX-08X060-H-ZP*	8.0	10	60	15	-	-	10	100	25600
	R-LX-08X075-H-ZF*	R-LX-08X075-H-ZP*	8.0	10	75	15	-	5	25	100	25600
	R-LX-08X090-H-ZF*	R-LX-08X090-H-ZP*	8.0	10	90	15	-	20	40	100	19200
	R-LX-08X100-H-ZF*	R-LX-08X100-H-ZP*	8.0	10	100	15	-	30	50	100	19200
	R-LX-08X130-H-ZF*	R-LX-08X130-H-ZP*	8.0	10	130	15	-	60	80	50	12800
	R-LX-08X150-H-ZF*	R-LX-08X150-H-ZP*	8.0	10	150	15	-	80	100	50	12800
Ø10	R-LX-10X065-H-ZF*	R-LX-10X065-H-ZP*	10.0	12.5	65	17	-	-	10	50	15600
	R-LX-10X075-H-ZF*	R-LX-10X075-H-ZP*	10.0	12.5	75	17	-	-	20	50	12800
	R-LX-10X085-H-ZF*	R-LX-10X085-H-ZP*	10.0	12.5	85	17	-	-	30	50	12800
	R-LX-10X100-H-ZF*	R-LX-10X100-H-ZP*	10.0	12.5	100	17	-	15	45	50	12800
	R-LX-10X120-H-ZF*	R-LX-10X120-H-ZP*	10.0	12.5	120	17	-	35	65	25	6400
	R-LX-10X140-H-ZF*	R-LX-10X140-H-ZP*	10.0	12.5	140	17	-	55	85	25	7800

* non-ETA - temporary fixing only

R-HPTIIA4 STAINLESS STEEL THROUGHBOLT

Stainless steel throughbolt anchor for cracked and non-cracked concrete

FEATURES AND BENEFITS

- Stainless steel anchor for the highest corrosion resistance
- High performance in cracked and non-cracked concrete confirmed by ETA Option 1
- Highest quality ensures maximum load capability
- For applications requiring fire resistance up to 120 minutes
- Suitable for reduced embedment to avoid contact with reinforcement
- Embedment depth markings help to ensure precise installation of the anchor
- Design of R-HPTII allows drilling and installing directly through the fixture and helps to reduce installation time
- Suitable for installation in corrosive environments category C1, C2, C3,C4 and C5

APPLICATIONS

- Cladding restraints
- Barriers
- Structural steel
- Curtain walling
- Handrails
- Heavy Plant
- Balustrading
- Passenger lifts
- Façades
- Fencing & gates manufacturing and installation
- Masonry support
- Platforms
- Public seating
- Racking systems

BASE MATERIALS

Approved for use in:

- Cracked concrete C20/25-C50/60
- Non-cracked concrete C20/25-C50/60
- Reinforced concrete
- Unreinforced concrete

Also suitable for use in:

- Natural Stone (after site testing)

APPROVALS AND REPORTS

- ETA-17/0185

ETA CE FIRE SEESMIC C1 - C2 VDS

Installation guide movie

Tutorial

Size	Rawlplug code	Anchor		Fixture			Quantity		
		Diameter	Length	Max. thickness		Hole diameter	Box	Outer	Pallet
				$t_{fix,r}$	$t_{fix,s}$				
		mm	mm	mm	mm	mm	pcs	pcs	pcs
R-HPTIIA4 Stainless Steel Throughbolt with regular washer DIN 125A									
M8	R-HPTIIA4-08060/10	8	60	10	-	9	100	100	21000
	R-HPTIIA4-08075/10	8	75	25	10	9	100	100	12000
	R-HPTIIA4-08085/20	8	85	35	20	9	100	100	12000
	R-HPTIIA4-08095/30	8	95	45	30	9	100	100	12000
	R-HPTIIA4-08105/40	8	105	55	40	9	50	50	12000
	R-HPTIIA4-08115/50	8	115	65	50	9	100	100	12000
M10	R-HPTIIA4-10065/5	10	65	5	-	11	50	50	11000
	R-HPTIIA4-10080/20	10	80	20	-	11	50	50	6000
	R-HPTIIA4-10095/15	10	95	35	15	11	50	50	6000
	R-HPTIIA4-10115/35	10	115	55	35	11	50	50	6000
	R-HPTIIA4-10130/50	10	130	70	50	11	50	50	6000
	R-HPTIIA4-10140/60	10	140	80	60	11	50	50	6000
M12	R-HPTIIA4-12080/5	12	80	5	-	13	50	50	6000
	R-HPTIIA4-12100/5	12	100	25	5	13	50	50	6000
	R-HPTIIA4-12115/20	12	115	40	20	13	50	50	6000
	R-HPTIIA4-12125/30	12	125	50	30	13	50	50	6000
	R-HPTIIA4-12150/55	12	150	75	55	13	50	50	4000
	R-HPTIIA4-12180/85	12	180	105	85	13	50	50	3000
M16	R-HPTIIA4-16125/5	16	125	25	5	18	25	25	3000
	R-HPTIIA4-16140/20	16	140	40	20	18	25	25	2000
	R-HPTIIA4-16150/30	16	150	50	30	18	25	25	2000
	R-HPTIIA4-16180/60	16	180	80	60	18	25	25	2000

R-HPTIIA4 STAINLESS STEEL THROUGHBOLT (cont.)

Size	Rawlplug code	Anchor		Fixture			Quantity		
		Diameter	Length	Max. thickness		Hole diameter	Box	Outer	Pallet
				$t_{fix,r}$	$t_{fix,s}$				
		mm	mm	mm	mm	mm	pcs	pcs	pcs
R-HPTIIA4 "D" Stainless Steel Throughbolt with large washer DIN 9021									
Ø8	R-HPTIIA4D08060/10	8	60	10	-	9	100	100	21000
	R-HPTIIA4D08075/10	8	75	25	10	9	100	100	12000
	R-HPTIIA4D08085/20	8	85	35	20	9	100	100	12000
	R-HPTIIA4D08095/30	8	95	45	30	9	100	100	12000
	R-HPTIIA4D08105/40	8	105	55	40	9	50	50	12000
	R-HPTIIA4D08115/50	8	115	65	50	9	100	100	12000
Ø10	R-HPTIIA4D10065/5	10	65	5	-	11	50	50	11000
	R-HPTIIA4D10080/20	10	80	20	-	11	50	50	6000
	R-HPTIIA4D10095/15	10	95	35	15	11	50	50	6000
	R-HPTIIA4D10115/35	10	115	55	35	11	50	50	6000
	R-HPTIIA4D10130/50	10	130	70	50	11	50	50	6000
	R-HPTIIA4D10140/60	10	140	80	60	11	50	50	6000
Ø12	R-HPTIIA4D12080/5	12	80	5	-	13	50	50	6000
	R-HPTIIA4D12100/5	12	100	25	5	13	50	50	6000
	R-HPTIIA4D12115/20	12	115	40	20	13	50	50	6000
	R-HPTIIA4D12125/30	12	125	50	30	13	50	50	6000
	R-HPTIIA4D12150/55	12	150	75	55	13	50	50	4000
	R-HPTIIA4D12180/85	12	180	105	85	13	50	50	3000
Ø16	R-HPTIIA4D16125/5	16	125	25	5	18	25	25	3000
	R-HPTIIA4D16140/20	16	140	40	20	18	25	25	2000
	R-HPTIIA4D16150/30	16	150	50	30	18	25	25	2000
	R-HPTIIA4D16180/60	16	180	80	60	18	25	25	2000

R-HPTII-ZF ZINC FLAKE THROUGHBOLT

Throughbolt anchor with corrosion-resistant coating for cracked and non-cracked concrete

FEATURES AND BENEFITS

- New generation of throughbolt with unique corrosion-resistant coating
- High performance in cracked and non-cracked concrete confirmed by ETA Option
- Highest quality ensures maximum load capability
- For applications requiring fire resistance up to 120 minutes
- Suitable for reduced embedment to avoid contact with reinforcement
- Embedment depth markings help to ensure precise installation of the anchor
- Design of R-HPTII allows drilling and installing directly through the fixture and helps to reduce installation time

APPLICATIONS

- Cladding restraints
- Consoles
- Barriers
- Structural steel
- Curtain walling
- Handrails
- Heavy Plant
- Balustrading
- Passenger lifts
- Façades
- Racking systems
- Platforms
- Fencing & gates manufacturing and installation

BASE MATERIALS

Approved for use in:

- Cracked concrete C20/25-C50/60
- Non-cracked concrete C20/25-C50/60
- Reinforced concrete
- Unreinforced concrete

Also suitable for use in:

- Natural Stone (after site testing)

APPROVALS AND REPORTS

- ETA 17/0184

Installation guide movie

R-HPTII-ZF ZINC FLAKE THROUGHBOLT (cont.)

Size	Rawlplug code	Anchor		Fixture			Quantity	
		Diameter	Length	Max. thickness		Hole diameter	Box	Pallet
				$t_{fix,r}$	$t_{fix,s}$			
		mm	mm	mm	mm	mm	pcs	pcs
R-HPTIIZF Zinc Flake Throughbolt with regular washer DIN 125A								
M8	R-HPTIIZF-08065/15	8	65	15	-	9	100	12000
	R-HPTIIZF-08080/15	8	80	30	15	9	100	12000
	R-HPTIIZF-08100/35	8	100	50	35	9	100	17000
	R-HPTIIZF-08115/50	8	115	65	50	9	100	12000
M10	R-HPTIIZF-10065/5	10	65	5	-	11	50	10500
	R-HPTIIZF-10080/20	10	80	20	-	11	50	6000
	R-HPTIIZF-10095/15	10	95	35	15	11	50	6000
	R-HPTIIZF-10115/35	10	115	55	35	11	50	6000
	R-HPTIIZF-10130/50	10	130	70	50	11	50	6000
M12	R-HPTIIZF-12080/5	12	80	5	-	13	50	6000
	R-HPTIIZF-12100/5	12	100	25	5	13	50	6000
	R-HPTIIZF-12120/25	12	120	45	25	13	50	6000
	R-HPTIIZF-12135/40	12	135	60	40	13	50	3800
	R-HPTIIZF-12150/55	12	150	75	55	13	50	7600
M16	R-HPTIIZF-16105/10	16	105	10	-	18	25	3600
	R-HPTIIZF-16140/20	16	140	40	20	18	25	1900
	R-HPTIIZF-16180/60	16	180	80	60	18	25	1900
	R-HPTIIZF16220/100	16	220	120	100	18	25	3000
M20	R-HPTIIZF-20125/5	20	125	5	-	22	25	1900
	R-HPTIIZF-20160/20	20	160	40	20	22	25	1900
	R-HPTIIZF-20200/60	20	200	80	60	22	10	3000
R-HPTIIZF „D" Zinc Flake Throughbolt with large washer DIN 9021								
M8	R-HPTIIZFD08065/15	8	65	15	-	9	100	12000
	R-HPTIIZFD08080/15	8	80	30	15	9	100	12000
	R-HPTIIZFD08100/35	8	100	50	35	9	100	17000
	R-HPTIIZFD08115/50	8	115	65	50	9	100	12000
M10	R-HPTIIZFD10065/5	10	65	5	-	11	50	10500
	R-HPTIIZFD10080/20	10	80	20	-	11	50	6000
	R-HPTIIZFD10095/15	10	95	35	15	11	50	6000
	R-HPTIIZFD10115/35	10	115	55	35	11	50	6000
	R-HPTIIZFD10130/50	10	130	70	50	11	50	6000
M12	R-HPTIIZFD12080/5	12	80	5	-	13	50	6000
	R-HPTIIZD12100/5	12	100	25	5	13	50	6000
	R-HPTIIZFD12120/25	12	120	45	25	13	50	6000
	R-HPTIIZFD12135/40	12	135	60	40	13	50	3800
	R-HPTIIZFD12150/55	12	150	75	55	13	50	7600
M16	R-HPTIIZFD16105/10	16	105	10	-	18	25	3600
	R-HPTIIZFD16140/20	16	140	40	20	18	25	4000
	R-HPTIIZFD16180/60	16	180	80	60	18	25	1900
M20	R-HPTIIZFD20125/5	20	125	5	-	22	25	1900
	R-HPTIIZFD20160/20	20	160	40	20	22	25	1900

R-XPTII-A4 STAINLESS STEEL THROUGHBOLT

Stainless steel throughbolt for non-cracked concrete

FEATURES AND BENEFITS

- Stainless steel anchor for the highest corrosion resistance
- High performance in non-cracked concrete confirmed by ETA Option 7
- Highest quality ensures maximum load capability
- Suitable for reduced embedment to avoid contact with reinforcement
- Embedment depth markings help to ensure precise installation of the anchor
- Simple through-installation (drilling and installation through fixed material)

APPLICATIONS

- Cladding restraint
- Curtain wall
- Balustrading
- Barriers
- Handrails
- Racking
- Structural steel
- Bollards

BASE MATERIALS

Approved for use in:

- Non-cracked concrete C20/25-C50/60
- Unreinforced concrete
- Reinforced concrete

Also suitable for use in:

- Natural Stone (after site testing)

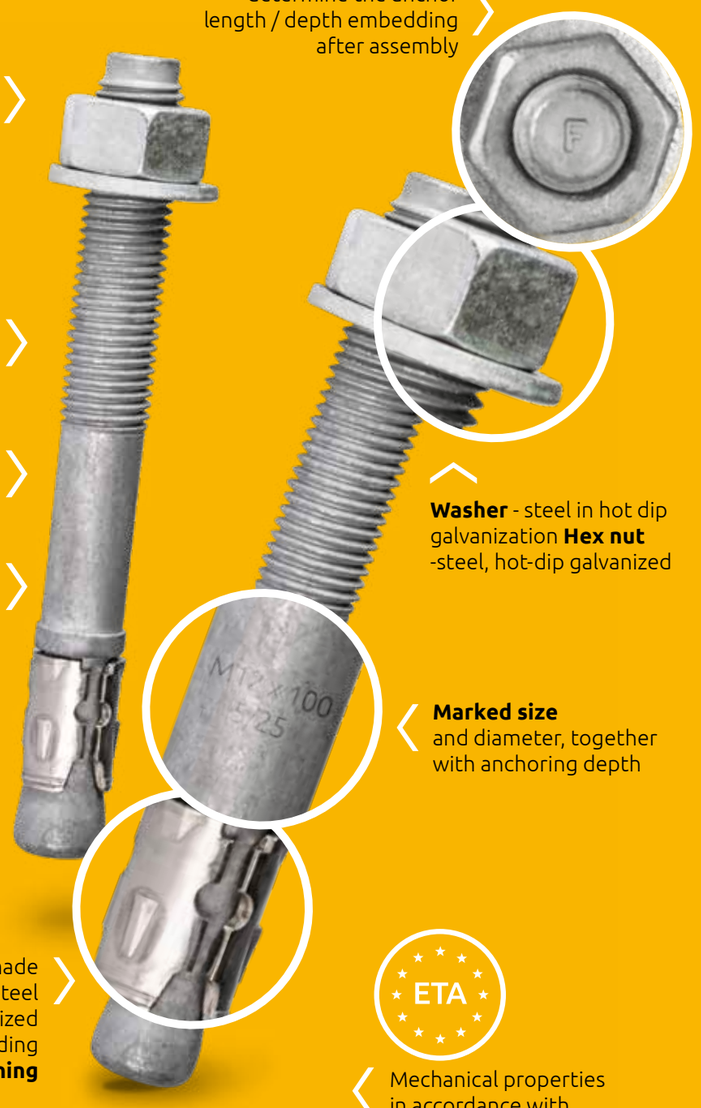
APPROVALS AND REPORTS

- ETA 17/0782

Size	Rawlplug code	Anchor		Fixture			Quantity		
		Diameter	Length	Max. thickness		Hole diameter	Box	Outer	Pallet
				$t_{fix,r}$	$t_{fix,s}$				
		mm	mm	mm	mm	mm	pcs	pcs	pcs
M6	R-XPTIIA4-06050/10*	6	50	10	-	7	100	100	16000
	R-XPTIIA4-06085/25*	6	85	45	25	7	100	100	16000
M8	R-XPTIIA4-08060/10	8	60	10	-	9	100	100	16000
	R-XPTIIA4-08075/10	8	75	25	10	9	100	100	12000
	R-XPTIIA4-08085/20	8	85	35	20	9	100	100	12000
	R-XPTIIA4-08095/30	8	95	45	30	9	100	100	12000
	R-XPTIIA4-08105/40	8	105	55	40	9	100	100	12000
	R-XPTIIA4-08115/50	8	115	65	50	9	100	100	12000
M10	R-XPTIIA4-10065/5	10	65	5	-	11	50	50	11000
	R-XPTIIA4-10080/20	10	80	20	-	11	50	50	6000
	R-XPTIIA4-10095/15	10	95	35	15	11	50	50	6000
	R-XPTIIA4-10115/35	10	115	55	35	11	50	50	6000
	R-XPTIIA4-10130/50	10	130	70	50	11	50	50	6000
	R-XPTIIA4-10140/60	10	140	80	60	11	50	50	6000
M12	R-XPTIIA4-12080/5	12	80	5	-	13	50	50	6000
	R-XPTIIA4-12100/5	12	100	25	5	13	50	50	6000
	R-XPTIIA4-12115/20	12	115	40	20	13	50	50	6000
	R-XPTIIA4-12125/30	12	125	50	30	13	50	50	6000
	R-XPTIIA4-12150/55	12	150	75	55	13	50	50	4000
	R-XPTIIA4-12180/85	12	180	105	85	13	50	50	3000
M16	R-XPTIIA4-16125/5	16	125	25	5	18	25	25	3000
	R-XPTIIA4-16140/20	16	140	40	20	18	25	25	2000
	R-XPTIIA4-16150/30	16	150	50	30	18	25	25	2000
	R-XPTIIA4-16180/60	16	180	80	60	18	25	25	2000
M20	R-XPTIIA4-20125/5*	20	125	5	-	22	25	25	3000
	R-XPTIIA4-20160/20*	20	160	40	20	22	25	25	3000
	R-XPTIIA4-20200/60*	20	200	80	60	22	10	10	1200
	R-XPTIIA4-20300/16*	20	300	180	160	22	10	10	1200
M24	R-XPTIIA4-24260/10*	24	260	115	100	26	10	10	1200

* ITB-KOT-2021/1944

FAST, EFFECTIVE AND SAFE ANCHORING



Marking of the head to determine the anchor length / depth embedding after assembly

Up to 50 years of use anchors according to ETA 21/0062

Increased corrosion resistance allows the use anchors outside

Strength instead of strenght

The product has support design software **EasyFix** mountings

Washer - steel in hot dip galvanization **Hex nut** -steel, hot-dip galvanized

Marked size and diameter, together with anchoring depth

The expanding band is made made of stainless steel with optimized structure providing **secure fastening**

Mechanical properties in accordance with **ETA 21/0062**

R-XPTIII-HD HOT DIP GALVANIZED THROUGHBOLT

Hot Dip Galvanized throughbolt for non-cracked concrete

FEATURES AND BENEFITS

- Increased corrosion resistance due to hot dip zinc protection layer with a thickness of 50 µm
- Approved for outdoor use according to EAD EAD 330232-01-0601-v01
- Design of R-XPTIII-HD allows drilling and installing directly through the fixture and helps to reduce installation time
- High quality with cost effectiveness
- Cold formed body ensures consistent dimensional accuracy

APPLICATIONS

- Cladding restraint
- Curtain wall
- Balustrading
- Barriers
- Handrails
- Racking
- Structural steel
- Bollards

BASE MATERIALS

Approved for use in:

- Non-cracked concrete C20/25-C50/60
- Unreinforced concrete
- Reinforced concrete

Also suitable for use in:

- Natural Stone (after site testing)

APPROVALS AND REPORTS

- ETA-21/0062

Size	Rawlplug code	Anchor		Fixture		Quantity	
		Diameter	Length	Max. thickness t_{fix}	Hole diameter	Box	Pallet
		mm	mm	mm	mm	pcs	pcs
M8	R-XPTIIIHD08060/10*	8	60	10	9	100	16000
	R-XPTIIIHD08065/1	8	65	1	9	100	16000
	R-XPTIIIHD08075/10	8	75	10	9	100	16000
	R-XPTIIIHD08080/15	8	80	15	9	100	16000
	R-XPTIIIHD08095/30	8	95	30	9	100	16000
	R-XPTIIIHD08115/50	8	115	50	9	100	16000
	R-XPTIIIHD08140/75	8	140	75	9	100	16000
M10	R-XPTIIIHD10065/5*	10	65	5	12	50	8000
	R-XPTIIIHD10080/10	10	80	10	12	50	8000
	R-XPTIIIHD10095/25	10	95	25	12	50	8000
	R-XPTIIIHD10115/45	10	115	45	12	50	8000
	R-XPTIIIHD10130/60	10	130	60	12	50	8000
	R-XPTIIIHD10140/70	10	140	70	12	50	8000
M12	R-XPTIIIHD12080/5*	12	80	5	14	50	8000
	R-XPTIIIHD12100/5	12	100	5	14	50	8000
	R-XPTIIIHD12120/25	12	120	25	14	50	8000
	R-XPTIIIHD12125/30	12	125	30	14	50	8000
	R-XPTIIIHD12135/40	12	135	40	14	50	8000
	R-XPTIIIHD12150/55	12	150	55	14	50	4000
	R-XPTIIIHD12180/85	12	180	85	14	50	4000
	R-XPTIIIHD12220125	12	220	125	14	50	4000
M16	R-XPTIIIHD16100/5*	16	100	5	18	25	4000
	R-XPTIIIHD16105/10*	16	105	10	18	25	4000
	R-XPTIIIHD16125/5	16	125	5	18	25	4000
	R-XPTIIIHD16140/20	16	140	20	18	25	4000
	R-XPTIIIHD16150/30	16	150	30	18	25	4000
	R-XPTIIIHD16180/60	16	180	60	18	25	3000
	R-XPTIIIHD16220100	16	220	100	18	25	3000
M20	R-XPTIIIHD20125/5*	20	125	5	22	25	3000
	R-XPTIIIHD20160/20*	20	160	20	22	25	2000
	R-XPTIIIHD20200/60*	20	200	60	22	10	1200

*KOT

R-XPT THROUGHBOLT

Throughbolt for non-cracked concrete

FEATURES AND BENEFITS

- High performance in non-cracked concrete confirmed by ETA Option 7
- High quality with cost effectiveness
- Suitable for reduced embedment to avoid contact with reinforcement
- Embedment depth markings help to ensure precise installation of the anchor
- Design allows drilling and installing directly through the fixture and helps to reduce installation effort
- Cold formed body ensures consistent dimensional accuracy
- Simple through-installation (drilling and installation through fixed material)
- Optimized expander design with six grip features allows for a high load-bearing capacity

APPLICATIONS

- Cladding restraint
- Curtain wall
- Balustrading
- Barriers
- Handrails
- Racking
- Structural steel
- Bollards

BASE MATERIALS

Approved for use in:

- Non-cracked concrete C20/25-C50/60
- Unreinforced concrete
- Reinforced concrete

Also suitable for use in:

- Natural Stone (after site testing)

APPROVALS AND REPORTS

- ETA 17/0183

Installation guide movie

Size	Rawlplug code	Anchor		Fixture			Quantity	
		Diameter	Length	Max. thickness $t_{fix,r}$	Max. thickness $t_{fix,s}$	Hole diameter	Box	Pallet
		mm	mm	mm	mm	mm	pcs	pcs
M6	R-XPT-06050/10	6	50	10	-	7	100	21000
	R-XPT-06065/5	6	65	25	5	7	100	21000
	R-XPT-06085/25	6	85	45	25	7	100	21000
	R-XPT-06100/40	6	100	60	40	7	100	6400
M8	R-XPT-08050/5	8	50	5	-	9	100	21000
	R-XPT-08060/10	8	60	10	-	9	100	21000
	R-XPT-08065/15	8	65	15	-	9	100	12000
	R-XPT-08075/10	8	75	25	10	9	100	12000
	R-XPT-08080/15	8	80	30	15	9	100	12000
	R-XPT-08085/20	8	85	35	20	9	100	12000
	R-XPT-08095/30	8	95	45	30	9	100	12000
	R-XPT-08115/50	8	115	65	50	9	100	12000
	R-XPT-08140/75	8	140	90	75	9	100	10800
	R-XPT-08150/85	8	150	100	85	9	100	10800
M10	R-XPT-10065/5	10	65	5	-	11	50	10500
	R-XPT-10080/10	10	80	20	10	11	50	6000
	R-XPT-10095/25	10	95	35	25	11	50	6000
	R-XPT-10115/45	10	115	55	45	11	50	6000
	R-XPT-10130/60	10	130	70	60	11	50	6000
	R-XPT-10140/70	10	140	80	70	11	50	6000
	R-XPT-10150/80	10	150	90	80	11	50	5400
	R-XPT-10180/110	10	180	120	110	11	50	5400
M12	R-XPT-12080/5	12	80	5	-	13	50	6000
	R-XPT-12100/5	12	100	25	5	13	50	6000
	R-XPT-12120/25	12	120	45	25	13	50	6000
	R-XPT-12125/30	12	125	50	30	13	50	3800
	R-XPT-12135/40	12	135	60	40	13	50	5400
	R-XPT-12140/45	12	140	65	45	13	50	5400
	R-XPT-12150/55	12	150	75	55	13	50	3800
	R-XPT-12160/65	12	160	85	65	13	50	4000
	R-XPT-12180/85	12	180	105	85	13	50	3800

R-XPT THROUGHBOLT (cont.)

Size	Rawlplug code	Anchor		Fixture			Quantity	
		Diameter	Length	Max. thickness		Hole diameter	Box	Pallet
				$t_{fix,r}$	$t_{fix,s}$			
		mm	mm	mm	mm	mm	pcs	pcs
M12	R-XPT-12200/105	12	200	125	105	13	50	4000
	R-XPT-12220/125	12	220	145	125	13	50	3800
	R-XPT-12250/155	12	250	175	155	13	25	3000
	R-XPT-12280/185	12	280	205	185	13	20	1600
M16	R-XPT-16100/5	16	100	5	-	18	25	3600
	R-XPT-16105/10	16	105	10	-	18	25	3600
	R-XPT-16125/5	16	125	25	5	18	25	2700
	R-XPT-16140/20	16	140	40	20	18	25	1900
	R-XPT-16150/30	16	150	50	30	18	25	1900
	R-XPT-16160/40	16	160	60	40	18	25	2700
	R-XPT-16180/60	16	180	80	60	18	25	1900
	R-XPT-16200/80	16	200	100	80	18	25	3000
	R-XPT-16220/100	16	220	120	100	18	25	1900
	R-XPT-16250/130	16	250	150	130	18	25	3000
	R-XPT-16280/160	16	280	180	160	18	15	1140
	R-XPT-16300/180	16	300	200	180	18	10	650
M20	R-XPT-20125/5	20	125	5	-	22	25	1900
	R-XPT-20160/20	20	160	40	20	22	25	1900
	R-XPT-20200/60	20	200	80	60	22	10	1200
	R-XPT-20250/110	20	250	130	110	22	10	1200
	R-XPT-20300/160	20	300	180	160	22	10	760
M24	R-XPT-24180/20	24	180	35	20	26	10	760
	R-XPT-24260/100	24	260	115	100	26	10	760
	R-XPT-24300/140	24	300	155	140	26	10	760

R-RBL RAWLBOLT - LOOSE BOLT

World's most popular all-purpose expanding shield anchor - loose bolt version

R-RBL

FEATURES AND BENEFITS

- RAWLBOLT® - first ever mechanical anchor in the world, forerunner of all of the later mechanical anchors
- For use in cracked and non-cracked concrete (ETA option 1), hollow-core slabs, flooring blocks and ceramics
- Product recommended for applications requiring fire resistance
- Three-pieces expanding sleeve of maximum expansion provides optimal load and safety of use in any substrate
- Wide range of diameters (M6 to M20)

APPLICATIONS

- Roller shutter doors
- Fire doors
- Structural steelwork
- Security grills
- Heavy machinery
- Pipework/ductwork supports

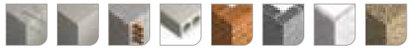
BASE MATERIALS

Approved for use in:

- Cracked concrete C20/25-C50/60
- Non-cracked concrete C20/25-C50/60
- Unreinforced concrete
- Reinforced concrete

Also suitable for use in:

- Solid clay brick ≥ 20MPa
- Hollow Lightweight Concrete Block LAC 5 ≥ 5MPa
- Hollow Sand-lime Brick ≥ 15MPa
- Concrete hollow floor block (eg. Teriva)
- Hollow-core Slab C20/25
- Hollow-core Slab C30/37-C50/60
- Natural Stone (after site testing)



APPROVALS AND REPORTS

- ETA-11/0479

Installation guide movie

R-RBL RAWLBOLT - LOOSE BOLT cont.

Size	Rawlplug code	Anchor			Fixture		Quantity		
		Diameter	External diameter	Length	Max. thickness	Hole diameter	Box	Outer	Pallet
		mm	mm	mm	mm	mm	pcs	pcs	pcs
M6	R-RBL-M06/10W	6	12	55	10	6.5	50	400	22400
	R-RBL-M06/25W	6	12	70	25	6.5	50	400	22400
	R-RBL-M06/40W	6	12	85	40	6.5	50	50	20800
M8	R-RBL-M08/10W	8	14	65	10	9	50	400	22400
	R-RBL-M08/25W	8	14	80	25	9	50	50	20800
	R-RBL-M08/40W	8	14	95	40	9	50	50	20800
M10	R-RBL-M10/10W	10	16	75	10	11	50	50	20800
	R-RBL-M10/25W	10	16	90	25	11	50	50	12800
	R-RBL-M10/50W	10	16	115	50	11	50	50	15600
	R-RBL-M10/75W	10	16	140	75	11	50	50	12800
M12	R-RBL-M12/10W	12	20	90	10	13	25	25	10400
	R-RBL-M12/25W	12	20	105	25	13	25	25	6400
	R-RBL-M12/40W	12	20	120	40	13	25	25	2250
	R-RBL-M12/60W	12	20	140	60	13	25	25	7800
M16	R-RBL-M16/15W	16	25	135	15	17	10	10	2560
	R-RBL-M16/30W	16	25	150	30	17	10	10	2560
	R-RBL-M16/60W	16	25	180	60	17	10	10	2560
M20	R-RBL-M20/60W	20	32	195	60	22	10	10	690
	R-RBL-M20/100W	20	32	235	110	22	10	10	1280

*not included in the approval

R-RBP RAWLBOLT - BOLT PROJECTING

World's most popular all-purpose expanding shield anchor - bolt projecting version

R-RBP

FEATURES AND BENEFITS

- RAWLBOLT® - first ever mechanical anchor in the world, forerunner of all of the later mechanical anchors
- For use in cracked and non-cracked concrete (ETA option 1), hollow-core slabs, flooring blocks and ceramics
- Product recommended for applications requiring fire resistance
- Three-pieces expanding sleeve of maximum expansion provides optimal load and safety of use in any substrate
- Wide range of diameters (M6 to M20)

APPLICATIONS

- Roller shutter doors
- Fire doors
- Structural steelwork
- Security grills
- Heavy machinery
- Pipework/ductwork supports

BASE MATERIALS

Approved for use in:

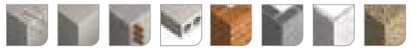
- Cracked concrete C20/25-C50/60
- Non-cracked concrete C20/25-C50/60
- Unreinforced concrete
- Reinforced concrete

Also suitable for use in:

- Solid clay brick ≥ 20MPa

BASE MATERIALS

- Hollow Lightweight Concrete Block LAC 5 ≥ 5MPa
- Hollow Sand-lime Brick ≥ 15MPa
- Concrete hollow floor block (eg. Teriva)
- Hollow-core Slab C20/25
- Hollow-core Slab C30/37-C50/60
- Natural Stone (after site testing)



APPROVALS AND REPORTS

- ETA-11/0479

Installation guide movie

R-RBP RAWLBOLT - BOLT PROJECTING cont.

Size	Rawlplug code	Anchor			Fixture		Quantity		
		Diameter	External diameter	Length	Max. thickness	Hole diameter	Box	Outer	Pallet
		mm	mm	mm	mm	mm	pcs	pcs	pcs
M6	R-RBP-M06/10W	6	12	65	10	6.5	50	400	20800
	R-RBP-M06/25W	6	12	80	25	6.5	50	400	20800
	R-RBP-M06/60W	6	12	115	60	6.5	50	50	20800
M8	R-RBP-M08/10W	8	14	75	10	9	50	400	15600
	R-RBP-M08/25W	8	14	90	25	9	50	50	20800
	R-RBP-M08/60W	8	14	125	60	9	50	50	20800
M10	R-RBP-M10/15W	10	16	90	15	11	50	50	12800
	R-RBP-M10/30W	10	16	105	30	11	50	50	15600
	R-RBP-M10/60W	10	16	135	60	11	50	50	12800
M12	R-RBP-M12/15W	12	20	110	15	13	25	25	10400
	R-RBP-M12/30W	12	20	125	30	13	25	25	6400
	R-RBP-M12/75W	12	20	170	75	13	25	25	7800
M16	R-RBP-M16/15W	16	25	150	15	17	10	10	2560
	R-RBP-M16/35W	16	25	170	35	17	10	10	2560
	R-RBP-M16/75W	16	25	210	75	17	10	10	690
M20	R-RBP-M20/15W	20	32	170	15	22	10	10	3120
	R-RBP-M20/30W	20	32	185	30	22	10	10	690
	R-RBP-M20/100W	20	32	255	100	22	10	10	1280
M24	R-RBP-M24/75W*	24	38	255	75	26	5	5	330
	R-RBP-M24/150W*	24	38	300	150	26	2	2	400

*not included in the approval

R-RBL-E / R-RBL-H RAWLBOLT EYE & HOOK

World's most popular all-purpose expanding shield anchor

FEATURES AND BENEFITS

- The only original Rawlbolt with single-piece cold-formed eyebolt for maximum durability
- Three-pieces expanding sleeve of maximum expansion provides optimal load and safety of use in any substrate
- Eye and hook Rawlbolts are not suitable for all arrest systems nor shock loading
- Closed, forged hook for maximum safety

APPLICATIONS

- Supporting guy ropes, stays and cables
- Supporting ladder restraints

BASE MATERIALS

Suitable for use in:

- Cracked concrete C20/25-C50/60
- Non-cracked concrete C20/25-C50/60
- Unreinforced concrete
- Reinforced concrete
- Solid clay brick ≥ 20MPa
- Hollow lightweight concrete Block LAC 5 ≥ 5 MPa

BASE MATERIALS

- Hollow sand-lime brick ≥ 15 MPa
- Concrete hollow floor block (eg.Teriva)
- Hollow-core Slab C20/25
- Hollow-core Slab C30/37-C50/60

Also suitable for use in:

- Natural stone (after site testing)

Installation guide movie

R-RBL-E / R-RBL-H RAWLBOLT EYE & HOOK (cont.)

Size	Rawlplug code	Anchor			Quantity		
		Diameter	External diameter	Length	Box	Outer	Pallet
		mm	mm	mm	pcs	pcs	pcs
R-RBL-E							
M6	R-RBL-06EW	6	12	73	25	400	22400
M8	R-RBL-08EW	8	14	87	25	200	11200
M10	R-RBL-10EW	10	16	108	25	25	6400
M12	R-RBL-12EW	12	20	130	25	25	7800
R-RBL-H							
M6	R-RBL-06HW	6	12	83	25	400	16000
M8	R-RBL-08HW	8	14	98	25	200	8000
M10	R-RBL-10HW	10	16	120	25	25	4000
M12	R-RBL-12HW	12	20	145	25	25	3000

R-RB RAWLBOLT SHIELD

World's most popular all-purpose expanding shield anchor - shield

FEATURES AND BENEFITS

- Product recommended for applications requiring fire resistance
- Three-pieces expanding sleeve of maximum expansion provides optimal load and safety of use in any substrate
- Designed & manufactured for maximum performance

APPLICATIONS

- Roller shutter doors
- Fire doors
- Wall plates
- Security grills
- Signs
- Manufacturing and installation of fencing
- Heavy machinery
- Pipework/duct work support
- Supporting guy ropes, stays and cables
- Supporting ladder restraints

BASE MATERIALS

Suitable for use in:

- Cracked concrete C20/25-C50/60
- Non-cracked concrete C20/25-C50/60
- Unreinforced concrete
- Reinforced concrete
- Solid clay brick ≥ 20MPa

- Hollow Lightweight Concrete Block LAC 5 ≥ 5MPa
- Hollow Sand-lime Brick ≥ 15MPa
- Concrete hollow floor block (eg.Teriva)
- Hollow-core Slab C20/25
- Hollow-core Slab C30/37-C50/60
- Natural Stone (after site testing)

Size	Rawlplug code	Anchor			Quantity		
		Diameter	External diameter	Length	Box	Outer	Pallet
		mm	mm	mm	pcs	pcs	pcs
M6	R-RB-M06W	6	12	45	100	800	44800
M8	R-RB-M08W	8	14	50	100	100	41600
M10	R-RB-M10W	10	16	60	100	100	25600
M12	R-RB-M12W	12	20	75	50	50	12800
M16	R-RB-M16W	16	25	115	25	25	7800
M20	R-RB-M20W	20	32	130	15	15	3840
M24	R-RB-M24W	24	38	150	5	5	2080

R-SPL SAFETYPLUS

High performance mechanical anchor for non-cracked concrete

R-SPL

FEATURES AND BENEFITS

- High performance in non-cracked concrete confirmed by ETA Option 7
- Design of SafetyPlus allows for easy through fixing
- Integral controlled collapse and anti-rotation feature ensures fixture is firmly secured
- Unique zig-zag feature provides balanced expansion, ensuring secure setting and maximised load-bearing capacity
- Case-hardened nut with optimum taper angle for enhanced expansion
- Fire resistant

APPLICATIONS

- Structural steel
- Masonry support
- Cladding restraint
- Road Signs
- Heavy machinery
- Racking systems
- Industrial doors
- Safety barriers

BASE MATERIALS

Approved for use in:

- Non-cracked concrete C20/25-C50/60
- Unreinforced concrete
- Reinforced concrete

Also suitable for use in:

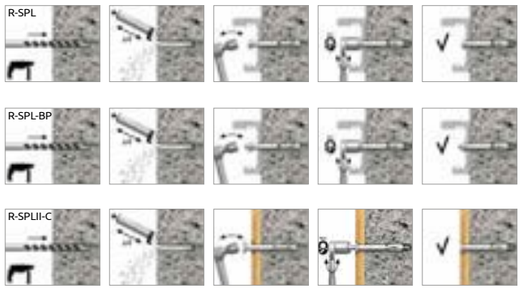
- Natural Stone (after site testing

APPROVALS AND REPORTS

- ETA-11/0126

VERSIONS

- R-SPL - Loose Bolt
- R-SPL-BP - Bolt Projecting
- R-SPL-C - Countersunk



Size	Rawlplug code	Anchor [mm]			Quantity		
		Thread size	External diameter	Length	Box	Outer	Pallet
		mm	mm	mm	pcs	pcs	pcs
R-SPL SafetyPlus - Loose Bolt							
M8	R-SPL-08090/15	8	12	90	50	50	9000
	R-SPL-08110/40	8	12	110	50	50	5400
M10	R-SPL-10105/20	10	15	105	50	50	5400
	R-SPL-10120/40	10	15	120	50	50	5400
	R-SPL-10140/60	10	15	140	50	50	3000
M12	R-SPL-12120/25	12	18	120	25	25	2250
	R-SPL-12150/50	12	18	150	25	25	2250
M16	R-SPL-16145/25	16	24	145	10	10	900
	R-SPL-16170/50	16	24	170	10	10	900
M20	R-SPL-20175/30	20	28	175	10	10	690
R-SPL-BP SafetyPlus - Bolt Projecting							
M10	R-SPL-BP-10110/20	10	15	110	50	50	5400
M12	R-SPL-BP-12135/25	12	18	135	25	25	2700
	R-SPL-BP-12160/50	12	18	160	25	25	2250
M16	R-SPL-BP-16160/25	16	24	160	10	10	900
	R-SPL-BP-16185/50	16	24	185	10	10	690
M20	R-SPL-BP-20190/30	20	28	190	10	10	690
R-SPL-C SafetyPlus - Countersunk							
M8	R-SPL-C-08090/20	8	12	90	50	50	9000
M10	R-SPL-C-10105/25	10	15	105	50	50	5400
M12	R-SPL-C-12125/30	12	18	120	25	25	2250
M16	R-SPL-C-16145/30	16	24	145	10	10	900

R-DCA-A4 STAINLESS STEEL DROP-IN ANCHORS

Internally threaded stainless steel drop-in anchors for simple hammer-set installation

R-DCA-A4

FEATURES AND BENEFITS

- High performance in cracked and non-cracked concrete confirmed by ETA
- Product is covered with European Technical Assessment for multi-point non-structural fixings
- Product recommended for applications requiring fire resistance
- Stainless steel material for high resistance to corrosion
- Easy to install by hammer action and manual setting tool
- Slotted sleeve and internal wedge component together facilitate easy setting and expansion
- Product was tested for construction fixing

APPLICATIONS

- Pipelines systems
- Ventilation systems
- Sprinkler systems
- Cable conduits and wires
- Gratings

BASE MATERIALS

Approved for use in:

- Cracked concrete C20/25-C50/60
- Non-cracked concrete C20/25-C50/60
- Unreinforced concrete
- Reinforced concrete

APPROVALS AND REPORTS

- ETA-13/0584

Installation guide movie

Size	Rawlplug code	Anchor			Quantity		
		Diameter	External diameter	Length	Box	Outer	Pallet
		mm	mm	mm	pcs	pcs	pcs
M6	R-DCA-06-25-A4	6	8	25	100	1000	100000
M8	R-DCA-08-30-A4	8	10	30	100	1000	64000
M10	R-DCA-10-40-A4	10	12	40	50	500	32000
M12	R-DCA-12-50-A4	12	15	50	50	400	16000
M16	R-DCA-16-65-A4	16	20	65	25	100	6000

R-DCA / R-DCL DROP-IN ANCHORS

Internally-threaded wedge anchor for simple hammer-set installation

R-DCL

VERSIONS

- R-DCA - Drop-in Anchors
- R-DCL - Lipped Drop-in Anchors

FEATURES AND BENEFITS

- High performance in cracked and non-cracked concrete confirmed by ETA
- Product is covered with European Technical Assessment for multi-point non-structural fixings
- Product recommended for applications requiring fire resistance
- Internally threaded to be used with threaded stud or bolt
- Easy to install by hammer action and manual setting tool
- Slotted sleeve and internal wedge component together facilitate easy setting and expansion
- Product was tested for construction fixing

APPLICATIONS

- Pipelines systems
- Ventilation systems
- Sprinkler systems
- Cable conduits and wires
- Gratings

BASE MATERIALS

Approved for use in:

- Cracked concrete C20/25-C50/60
- Non-cracked concrete C20/25-C50/60
- Unreinforced concrete
- Reinforced concrete

APPROVALS AND REPORTS

- ETA-13/0584

Installation guide movie

R-DCA / R-DCL DROP-IN ANCHORS cont.

Size	Rawlplug code	Anchor			Quantity		
		Diameter	External diameter	Length	Box	Outer	Pallet
		mm	mm	mm	pcs	pcs	pcs
R-DCA							
M6	R-DCA-06-25	6	8	25	100	1000	36000
M8	R-DCA-08-30	8	10	30	100	1000	60000
M10	R-DCA-10-40	10	12	40	50	500	25000
M12	R-DCA-12-50	12	15	50	50	400	18000
M16	R-DCA-16-65	16	20	65	25	100	6000
M20	R-DCA-20-80	20	25	80	15	90	3240
R-DCL							
M6	R-DCL-06-25	6	8	25	100	100	56000
M8	R-DCL-08-25	8	10	25	100	100	57600
	R-DCL-08	8	10	30	100	100	57600
M10	R-DCL-10-25	10	12	25	50	50	36000
	R-DCL-10	10	12	40	50	50	36000
M12	R-DCL-12-25	12	15	25	50	200	6000
	R-DCL-12	12	15	50	50	50	6000
M16	R-DCL-16	16	20	65	25	25	6000

Setting Tool DROP IN ANCHORS

NEW PRODUCT

Manual setting tool for drop in anchor installation

R-DCA-ST-II

FEATURES AND BENEFITS

- Manual installation of wedge anchors with rubber grip and hand protection
- Tool leaves marks on head of anchors confirming correct installation

APPLICATIONS

- Installation of drop in anchor

APPROVALS AND REPORTS

- ETA-13/0584

Size	Rawlplug code	Tool tip		Quantity	
		Diameter	Length	Box	Outer
		mm	mm	pcs	pcs
R-DCA-ST-II					
M6	R-DCA-ST-II-06	5	14.8	1	10
M8	R-DCA-ST-II-08-25	6.6	17	10	10
	R-DCA-ST-II-08	6.6	18	1	10
M10	R-DCA-ST-II-10-30	8.3	18	1	10
	R-DCA-ST-II-10-25	8.3	17	10	10
	R-DCA-ST-II-10	8.3	23	1	10
M12	R-DCA-ST-II-12-25	10.2	17	10	10
	R-DCA-ST-II-12	10.2	28	1	10
M16	R-DCA-ST-II-16	13.5	33	1	10

Re-usability testing gauge CONCRETE SCREW

Internally-threaded wedge anchor for simple hammer-set installation

FEATURES AND BENEFITS

- Testing Gauge allows to determine whether the product R-LX is suitable for re-use

APPLICATIONS

- Concrete screw re-usability testing gauge

Rawlplug code	Description	Quantity			
		Pieces in box	Box	Outer	Pallet
R-S1-LX-TEST-08/2	Testing gauge for R-LX-08	2	1	1	320
R-S1-LX-TEST-10/2	Testing gauge for R-LX-10	2	1	1	320
R-S1-LX-TEST-14/2	Testing gauge for R-LX-14	2	1	1	320

Rawlplug Tension Tester Kit

Model 2000 tester kit for measurement of tensile loads on anchors

FEATURES AND BENEFITS

- Pull-out tester enables engineers to confirm the holding power of anchors in most construction materials

APPLICATIONS

- Pull-out tester for testing fixings, fas-teners and anchors

Rawlplug code	Description	Quantity
		Box
R-TK-D2000-025	Tension Tester Kit 25kN	1
R-TK-D2050-050	Tension Tester Kit 50kN	1
R-TK-H2008-145	Tension Tester Kit 145kN	1

Lightweight Fixings

Overview of lightweight fixings	**280**
Frame fixings	**281**
Universal fixings	**287**
Metal fixings	**290**
Hammer-in fixings	**291**
Drywall fixings	**293**
Metal frame anchor	**296**
Metal frame screw	**296**

RAWLPLUG®

100 YEARS OF EXPERTISE IN FIXINGS, FASTENERS AND TOOLS

RAWLPLUG | LIGHTWEIGHT FIXINGS

LIGHTWEIGHT FIXINGS

UNIVERSAL SOLUTIONS FOR ALL APPLICATIONS

UNIVERSAL

R-FF1

FRAME FIXING WITH LONG EXPANSION ZONE

Universal frame fixing for many applications

CURTAIN WALLING

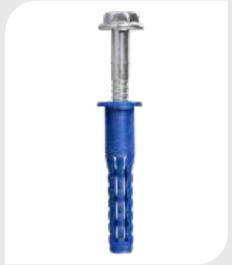
DOOR AND WINDOW FRAMES

TV BRACKETS

R-FFS

FRAME FIXING WITH SHORT EXPANSION ZONE

Fast assembly due to two shallow anchoring depth



VENTILATED FACADES

AIR CONDITIONER

BALUSTRADES AND HANDRAILS

R-UNO

UNIVERSAL PLUG

Truly universal plug which fixes into any base material

SWINGS

BATHROOM FITTINGS

WALL SHELVES

4ALL

UNIVERSAL PLUG

High performance nylon plug for all types of substrates

POTS

KITCHEN RAILS

INDUSTRIAL CAMERAS

PLASTERBOARD

R-DRA-01
R-DRA-02

SELF-DRILL FIXING

Quick and easy to install in plasterboard and gypsum fibreboards. Perfect for loads of up to 15 kg.

LIGHTING

ELECTRICAL OUTLETS

WALL SHELVES

SOLID WALLS

R-FX

NYLON HAMMER-IN FIXING

The hammer-in fixing for fast, simple, cost-effective installations

PLINTHS

TIMBER/METAL BATTENS

TOWEL RAILS

RAWLPLUG Academy

Use the e-learning training
or sign up for our hands-on training.

www.rawlplug.com

Overview of our range
Lightweight Fixings selector

	MECHANICAL ANCHORS	R-FF1	R-FFS	4ALL	UNO®	RAWL-NUT	GS	R-KMW	FX	R-DRA	R-O	R-WHO	R-SM	R-SPO
MATERIAL	ZINC PLATED STEEL	V	V	V	V	V	V	V	V	V	V	V	V	V
	ZINC FLAKED STEEL	V	V	-	-	-	-	-	-	-	-	-	-	-
	HOT DIP GALVANIZED STEEL	-	-	-	-	-	-	-	-	-	-	-	-	-
	STAINLESS STEEL	V	V	-	-	-	-	-	-	-	-	-	-	-
SUBSTRATES	CONCRETE	V	V	V	V	V	V	V	V	-	V	V	-	-
	CRACKED CONCRETE	V	V	-	-	-	V	-	-	-	-	-	-	-
	STONE	V	V	V	-	-	V	-	-	-	-	-	-	-
	HOLLOW CORE SLAB	V	V	V	V	V	-	-	-	-	-	-	-	-
	SOLID BRICK	V	V	V	V	V	-	V	V	-	V	V	-	-
	SANDLIME SOLID BRICK	V	V	V	V	-	-	-	V	-	-	-	-	-
	HOLLOW BRICK	V	V	V	V	V	-	-	-	-	-	V	-	-
	SANDLIME HOLLOW BRICK	V	V	V	V	V	-	-	-	-	-	-	-	-
	LIGHTWEIGHT CONCRETE BLOCKS	V	V	V	V	-	-	-	-	-	-	-	-	
	AERATED CONCRETE	V	V	V	V	V	-	-	V	-	-	-	-	
	PLASTERBOARD	-	-	V	V	V	-	-	-	V	-	-	V	V
APPROVALS	ETA CE	V	V	-	-	-	V	-	V	-	-	-	-	-
		V	V	-	-	-	V	-	-	-	-	-	-	-
	SEISMIC	-	-	-	-	-	-	-	-	-	-	-	-	-

DESIGN TENSION AND SHEAR LOADS IN kN

[kN]																										
0.2	Ø8	Ø8	Ø10	Ø10	Ø5	Ø5	Ø5	Ø5			Ø6	Ø6	Ø5-6	Ø5-6	Ø5-8	Ø5-6	Ø13	Ø13	Ø10	Ø6	Ø7.5	Ø7.5			Ø4-6	Ø4-6
0.4								Ø14																		
0.6		Ø14				Ø14														Ø6						
0.8																										
1.0							Ø14																			
1.2																										
1.4											Ø6	Ø6									Ø6					
1.6																			Ø10							
1.8			Ø10																							
2.0																										
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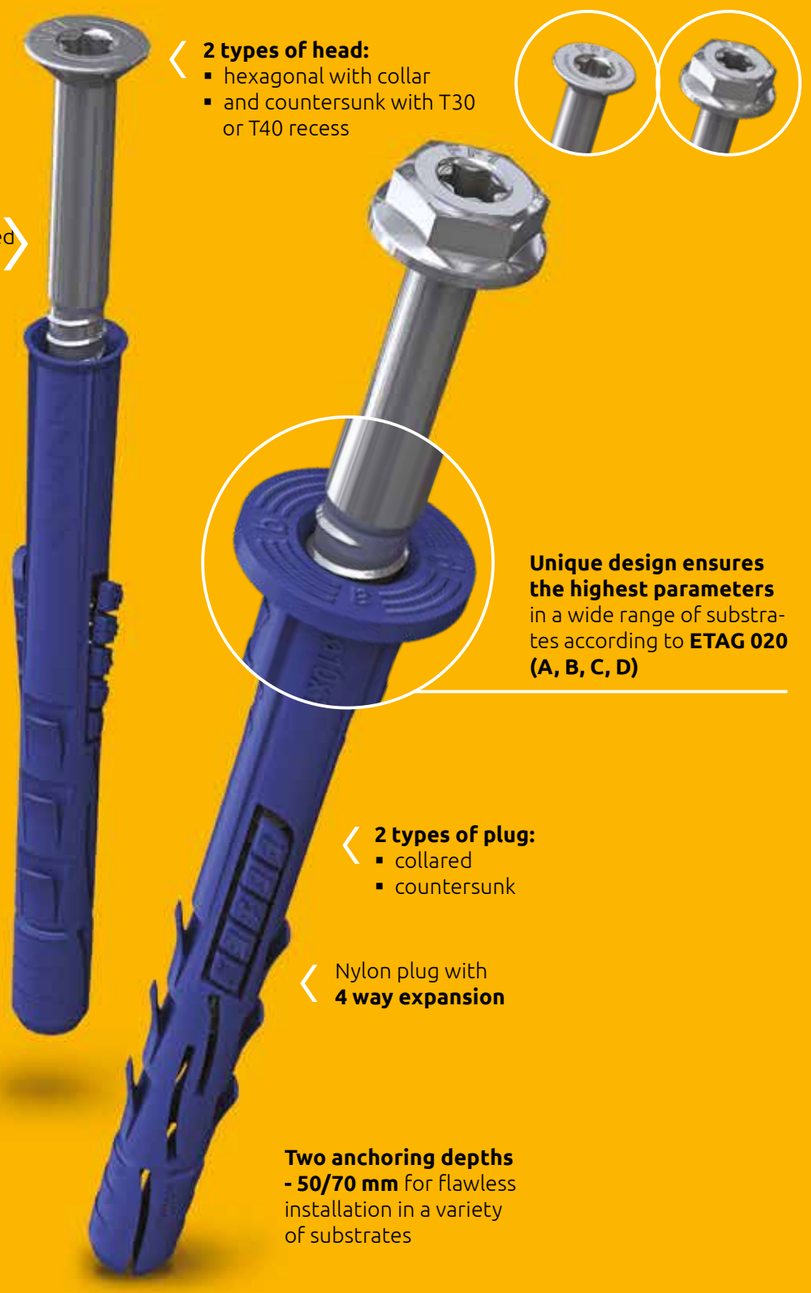
R-FF1 UNIVERSAL FRAME FIXING



2 types of head:
- hexagonal with collar
- and countersunk with T30 or T40 recess

3 types of screw:
- carbon steel zinc-plated
- carbon steel zinc-flake-coated
- A4 stainless steel

A4 STAINLESS STEEL · ZF ZINC FLAKE COATING · ZN ZINC-NITRATE · C5 · C4 · C2

Internal plug geometry designed to fit the screw head

Internal plug geometry designed to fit the screw head and ensures multi-axis expansion.

Unique design ensures the highest parameters in a wide range of substrates according to **ETAG 020 (A, B, C, D)**

2 types of plug:
- collared
- countersunk

Nylon plug with **4 way expansion**

Two anchoring depths - 50/70 mm for flawless installation in a variety of substrates

R-FF1 NYLON FRAME FIXING

Universal frame fixing for many applications

FEATURES AND BENEFITS

- The stainless steel screw for best anti-corrosion protection and external applications
- The countersunk plug for flush fixing of soft material (eg. timber)
- Specially-formulated nylon allows best performance installation for use in all base material categories according to ETAG 020 (A, B, C, D)
- Internal plug geometry designed to fit the screw head
- Plug design ensures multi-axis expansion
- High performance 8.8 steel class - version with "H" on the head marking
- Special installation tool to increase a performance in aerated concrete
- Ultimate Zinc Flake corrosion ressistance makes possible installation in C4 corrosion environment

APPLICATIONS

- Door and window frames
- Garage doors
- Gates
- Industrial doors
- Façade (substructures made of wood and metal)
- Wall cabinets
- Satellite dishes
- Shelves
- Handrails
- Cable trays

BASE MATERIALS

Approved for use in:

- Concrete ≥ C12/15
- Cracked concrete
- Solid Brick
- Solid Sand-lime Brick
- Hollow Brick
- Hollow Sand-lime Brick
- Hollow Lightweight Concrete Block
- Aerated Concrete Block

APPROVALS AND REPORTS

- ETA-12/0398

VERSION

- Stainless steel
- Zinc-flake-coating
- Zinc-plated steel

Installation guide movie

Size	Rawlplug code	Plug		Screw		Socket		Fixture			Quantity		
		Diameter	Length	Diameter	Length	SW	TX	Max. thickness		Hole diameter	Box	Outer	Pallet
		mm	mm	mm	mm			$t_{fix,f}$ mm	$t_{fix,s}$ mm	mm	pcs	pcs	pcs
R-FF1-L-A4 Frame fixing countersunk - Stainless Steel screw, TX drive													
Ø8	R-FF1-N-08L080-A4	7.8	80	5.8	87	-	30	30	10	8	50	800	19200
	R-FF1-N-08L100-A4	7.8	100	5.8	107	-	30	50	30	8	50	800	19200
	R-FF1-N-08L120-A4	7.8	120	5.8	127	-	30	70	50	8	50	800	19200
Ø10	R-FF1-N-10L080-A4	9.8	80	7	87	-	40	30	10	10	50	400	9600
	R-FF1-N-10L100-A4	9.8	100	7	107	-	40	50	30	10	25	400	9600
	R-FF1-N-10L120-A4	9.8	120	7	127	-	40	70	50	10	25	300	7200
	R-FF1-N-10L140-A4	9.8	140	7	147	-	40	90	70	10	25	300	7200
	R-FF1-N-10L160-A4	9.8	160	7	167	-	40	110	90	10	25	300	7200
	R-FF1-N-10L200-A4	9.8	200	7	207	-	40	150	130	10	25	25	6000
	R-FF1-N-10L240-A4	9.8	240	7	247	-	40	190	170	10	25	25	3000
	R-FF1-N-10L300-A4	9.8	300	7	307	-	40	250	230	10	10	10	3120
R-FF1-L-ZF Frame fixing countersunk - Zinc-flake-coating screw, TX drive													
Ø8	R-FF1-N-08L080/ZF	7.8	80	5.8	87	-	30	30	10	8	50	800	19200
	R-FF1-N-08L100/ZF	7.8	100	5.8	107	-	30	50	30	8	50	800	19200
	R-FF1-N-08L120/ZF	7.8	120	5.8	127	-	30	70	50	8	50	800	19200
	R-FF1-N-08L140/ZF	7.8	140	5.8	147	-	30	90	70	8	50	600	14400
	R-FF1-N-08L160/ZF	7.8	160	5.8	167	-	30	110	90	8	50	600	14400
Ø10	R-FF1-N-10L080/DT	9.8	80	7	87	-	40	30	10	10	50	400	9600
	R-FF1-N-10L100/DT	9.8	100	7	107	-	40	50	30	10	25	400	9600
	R-FF1-N-10L120/DT	9.8	120	7	127	-	40	70	50	10	25	300	7200
	R-FF1-N-10L140/DT	9.8	140	7	147	-	40	90	70	10	25	300	7200
	R-FF1-N-10L160/DT	9.8	160	7	167	-	40	110	90	10	25	300	7200
	R-FF1-N-10L200/DT	9.8	200	7	207	-	40	150	130	10	25	25	6000
	R-FF1-N-10L240/DT	9.8	240	7	247	-	40	190	170	10	25	25	3000
	R-FF1-N-10L300/DT	9.8	300	7	307	-	40	250	230	10	10	10	3120

R-FF1 NYLON FRAME FIXING (cont.)

Size	Rawlplug code	Plug		Screw		Socket		Fixture			Quantity		
		Diameter	Length	Diameter	Length	SW	TX	Max. thickness		Hole diameter	Box	Outer	Pallet
		mm	mm	mm	mm			$t_{fix,f}$ mm	$t_{fix,s}$ mm	mm	pcs	pcs	pcs
R-FF1-L Frame fixing countersunk - Zinc-plated screw, TX drive													
Ø8	R-FF1-N-08L080	7.8	80	5.8	87	-	30	30	10	8	50	800	19200
	R-FF1-N-08L100	7.8	100	5.8	107	-	30	50	30	8	50	800	19200
	R-FF1-N-08L120	7.8	120	5.8	127	-	30	70	50	8	50	800	19200
	R-FF1-N-08L140	7.8	140	5.8	147	-	30	90	70	8	50	600	14400
	R-FF1-N-08L160	7.8	160	5.8	167	-	30	110	90	8	50	600	14400
Ø10	R-FF1-N-10L080	9.8	80	7	87	-	40	30	10	10	50	400	9600
	R-FF1-N-10L100	9.8	100	7	107	-	40	50	30	10	25	400	9600
	R-FF1-N-10L120	9.8	120	7	127	-	40	70	50	10	25	300	7200
	R-FF1-N-10L140	9.8	140	7	147	-	40	90	70	10	25	300	7200
	R-FF1-N-10L160	9.8	160	7	167	-	40	110	90	10	25	300	7200
	R-FF1-N-10L200	9.8	200	7	207	-	40	150	130	10	25	25	6000
	R-FF1-N-10L240	9.8	240	7	247	-	40	190	170	10	25	25	3000
	R-FF1-N-10L300	9.8	300	7	307	-	40	250	230	10	10	10	3120
R-FF1-K-A4 Frame fixing with collar - Stainless Steel screw, Hex head with TX drive													
Ø10	R-FF1-N-10K080-A4	9.8	80	7	89	13	40	30	10	10	50	400	9600
	R-FF1-N-10K100-A4	9.8	100	7	109	13	40	50	30	10	25	400	9600
	R-FF1-N-10K120-A4	9.8	120	7	129	13	40	70	50	10	25	300	7200
	R-FF1-N-10K140-A4	9.8	140	7	149	13	40	90	70	10	25	300	7200
	R-FF1-N-10K160-A4	9.8	160	7	169	13	40	110	90	10	25	300	7200
	R-FF1-N-10K200-A4	9.8	200	7	209	13	40	150	130	10	25	25	6000
	R-FF1-N-10K240-A4	9.8	240	7	249	13	40	190	170	10	25	25	3000
	R-FF1-N-10K300-A4	9.8	300	7	309	13	40	250	230	10	10	10	3120
R-FF1-K-ZF Frame fixing with collar - Zinc-flake-coating screw, Hex head with TX drive													
Ø10	R-FF1-N-10K080/DT	9.8	80	7	89	13	40	30	10	10	50	400	9600
	R-FF1-N-10K100/DT	9.8	100	7	109	13	40	50	30	10	25	400	9600
	R-FF1-N-10K120/DT	9.8	120	7	129	13	40	70	50	10	25	300	7200
	R-FF1-N-10K140/DT	9.8	140	7	149	13	40	90	70	10	25	300	7200
	R-FF1-N-10K160/DT	9.8	160	7	169	13	40	110	90	10	25	300	7200
	R-FF1-N-10K200/DT	9.8	200	7	209	13	40	150	130	10	25	25	6000
	R-FF1-N-10K240/DT	9.8	240	7	249	13	40	190	170	10	25	25	3000
	R-FF1-N-10K300/DT	9.8	300	7	309	13	40	250	230	10	10	10	3120
R-FF1-K Frame fixing with collar - Zinc-plated screw, Hex head with TX drive													
Ø10	R-FF1-N-10K080	9.8	80	7	89	13	40	30	10	10	50	400	9600
	R-FF1-N-10K100	9.8	100	7	109	13	40	50	30	10	25	400	9600
	R-FF1-N-10K120	9.8	120	7	129	13	40	70	50	10	25	300	7200
	R-FF1-N-10K140	9.8	140	7	149	13	40	90	70	10	25	300	7200
	R-FF1-N-10K160	9.8	160	7	169	13	40	110	90	10	25	300	7200
	R-FF1-N-10K200	9.8	200	7	209	13	40	150	130	10	25	25	6000
	R-FF1-N-10K240	9.8	240	7	249	13	40	190	170	10	25	25	3000
	R-FF1-N-10K300	9.8	300	7	309	13	40	250	230	10	10	10	3120
Ø14	R-FF1-N-14K120	13.8	120	10.8	131	17	50	-	50	14	20	20	5120
	R-FF1-N-14K160	13.8	160	10.8	171	17	50	-	90	14	20	20	3840
	R-FF1-N-14K200	13.8	200	10.8	211	17	50	-	130	14	20	20	3840
	R-FF1-N-14K240	13.8	240	10.8	251	17	50	-	170	14	20	20	3840

R-FFS SPEED OF WORK VERSATILITY!

Hexagonal head with collar

R90 fire resistance and **A1 fire classification** allow the product to be used in the most demanding assembly applications

High shear strength thanks the use of steel grade **6.8**

Minimized installation time - only 40 mm

Frame fixing with collar designed for fixing the façade ventilated and window frames

Quick installation thanks 2 reduced anchoring depths: **40 mm** in concrete and solid brick* (categories A and B*) **50 mm** in substrates with hollow brick and aerated concrete(categories C and D)

A unique anchoring zone guarantee sachievement of the highest technical parameters for professional applications

Punch-tool to increase a performance in aerated concrete

Available lengths in the range of **50 - 120 m**

R-FFS FRAME FIXING WITH THE SHORTEST ANCHORING ZONE

QUICK ASSEMBLY, THANKS TO TWO REDUCED ANCHORING DEPTHS

1 SPEED +40%

The shortest anchoring depth limited to 40mm in solid materials ensures shortening of the holes drilling time and cost effectiveness due to the shortening of the length of the drill bits necessary for drilling. In addition, the option of using a punch-tool reduces assembly time by 40%.

3 SECURITY

The new R-FFS Rawlplug fixing not only meets all the requirements of laboratory tests, but also works in the toughest construction conditions. Thanks to the technical parameters confirmed in ETA and fire resistance R90 is a solution recommended for the most demanding building connections.

2 VERSATILITY

The innovative design of the expansion zones enables work in all typical substrates (A, B, C, D). This allows the use of one type of fastener for mounting the subs-tructure of ventilated façades, regardless of the amount of application - both in reinforced concrete construction and solid or hollow masonry substrates.

4 HIGH STRENGTH

High shear strength thanks to the thickened screw and the use of steel grade 6.8. This is particularly important when installing ventilated façades and other structures that are exposed to shear forces.

INSTALLATION IN CONCRETE AND OTHER MATERIALS (A, B, C, D)

INSTALLATION WITH TOOL IN AERATED CONCRETE BASE

* in preparation

R-FFS FRAME FIXING WITH COLLAR HEX HEAD

NEW PRODUCT

Universal frame fixing for many applications

R-FFS

FEATURES AND BENEFITS

- The optimal expansion zone guarantees high load capacities with a small anchoring depth
- Minimized installation time - only 40 mm in concrete
- High bending strength due to the use of a minimum 6.8 steel grade
- Quick assembly due to shallow drilling and the possibility of using the mallet in aerated concrete substrate
- Framefixing with a collar hex head for fixing ventilated façades and window frames
- The special polyamide formula give the highest parameters in all categories of substrates according to ETAG 020 (A, B, C, D)

APPLICATIONS

- Ventilated façades
- Window frames
- Balustrades and handrails
- Garage Doors
- Door frames
- Wooden constructions
- Satellite dishes
- Shelves

BASE MATERIALS

Approved for use in:

- Cracked concrete and Non-cracked concrete ≥ C12/15 (Use category A)
- Clay brick (Use category B)
- Calcium silicate brick (Use category B)
- Perforated ceramic brick (Use category C)
- Hollow calcium silicate block (Use category C)
- Hollow lightweight aggregate (Use category D)
- Autoclaved aerated concrete (Use category D)

APPROVALS AND REPORTS

- ETA-18/0818

VERSION

- ZP (Zinc-plated steel)

Size	Rawlplug code	Plug		Screw		Fixture			Quantity	
		Diameter	Length	Diameter	Length	Max. thickness		Hole diameter	Box	Outer
						$t_{fix, hef}$=40mm	$t_{fix, hef}$=50mm			
		mm	mm	mm	mm	mm	mm	mm	pcs	pcs
Ø10	R-FFS-10K050	10	50	7	59	10	-	12,5	50	800
	R-FFS-10K060	10	60	7	69	20	10	12,5	50	600
	R-FFS-10K080	10	80	7	89	40	30	12,5	50	400
	R-FFS-10K100	10	100	7	109	60	50	12,5	25	300
	R-FFS-10K120	10	120	7	129	80	70	12,5	25	300

R-FF1-CAP MASKING CAP FOR R-FF1 AND R-FFS FRAME FIXINGS

Cover cap for aesthetic installation of frame fixings with the SW13 head size, available in many colour versions

R-FF1 -CAP

FEATURES AND BENEFITS

- Aesthetic finishing after installation of R-FF1 and R-FFS frame fixings
- Many coloure versions to optimize aesthetic installation effect

APPLICATIONS

- Door and window frames

Rawlplug code	Colour RAL		Plug	Quantity	
			Diameter	Box	Outer
			mm	pcs	pcs
R-FF1-CAP-1001	1001		19.6	50	50
R-FF1-CAP-6020	6020		19.6	50	50
R-FF1-CAP-7024	7024		19.6	50	50
R-FF1-CAP-7035	7035		19.6	50	50
R-FF1-CAP-7043	7043		19.6	50	50
R-FF1-CAP-8017	8017		19.6	50	50
R-FF1-CAP-9002	9002		19.6	50	50
R-FF1-CAP-9005	9005		19.6	50	50
R-FF1-CAP-9016	9016		19.6	50	50

UNO® UNIVERSAL PLUG

Truly universal plug which fixes into any base material, solid or hollow

UNO®

FEATURES AND BENEFITS

- Unique geometry guarantees maximum expansion and grip with various screw's diameter
- Instant grip resulting from split plug design
- Anti-rotation features prevent spinning in the hole
- Lip prevents plug slipping into over-sized holes
- Reccomended for uncertain substrates, irregular or worn-out holes
- Short length enables effective installation in thin walls ("partition walls")

APPLICATIONS

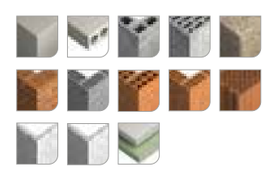
- Suspended ceilings
- Electrical fittings
- Cable trays
- Boilers
- Radiators
- Lighting
- Bathroom fittings

BASE MATERIALS

Suitable for use in:

- Concrete
- Hollow-core Slab
- High-Density Natural Stone
- Solid Brick
- Solid Sand-lime Brick
- Hollow Brick
- Vertically-perforated clay block
- Lightweight Concrete Block
- Hollow Lightweight Concrete Block
- Aerated Concrete Block
- Plasterboard

Installation guide movie



Rawlplug code	Plug		Quantity	
	Diameter	Length	Box	Outer
	mm	mm	pcs	pcs
UNO-K-05	5	24	200	6400
UNO-K-06	6	28	200	6400
UNO-K-07	7	30	100	3200
UNO-K-08	8	32	100	3200
UNO-K-10	10	36	50	1600

UNO® UNIVERSAL PLUG WITH SCREW

Truly universal plug which fixes into any base material, solid or hollow

UNO®

FEATURES AND BENEFITS

- Unique geometry guarantees maximum expansion and grip with various screw's diameter
- Instant grip resulting from split plug design
- Anti-rotation features prevent spinning in the hole
- Lip prevents plug slipping into over-sized holes
- Reccomended for uncertain substrates, irregular or worn-out holes
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- Electrical fittings
- Cable trays
- Boilers
- Radiators
- Lighting
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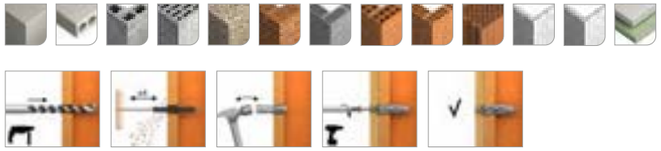
- Hollow Brick
- Vertically-perforated clay block
- Lightweight Concrete Block
- Hollow Lightweight Concrete Block
- Aerated Concrete Block
- Plasterboard

Installation guide movie

UNO® UNIVERSAL PLUG WITH SCREW (cont.)



Rawlplug code	Plug		Screw		Quantity	
	Diameter	Length	Diameter	Length	Box	Outer
	mm	mm	mm	mm	pcs	pcs
UNO-05+330	5	24	3	30	100	3200
UNO-06+430	6	28	4	30	100	3200
UNO-06+435	6	28	4	35	100	3200
UNO-06+445	6	28	4	45	100	3200
UNO-08+435	8	32	4.5	35	100	1600
UNO-08+450	8	32	4.5	50	100	1600
UNO-08+560	8	32	5	60	100	1600
UNO-10+540	10	36	5	40	100	1600
UNO-10+650	10	36	6	50	100	1600
UNO-10+660	10	36	6	60	100	1600

4ALL UNIVERSAL NYLON PLUG

High performance nylon plug for all types of substrates

FEATURES AND BENEFITS

- Unique internal design provides positive grip for screws
- Rib detail at plug head provides added grip
- Expanding section designed to collapse in hollow materials and provide positive grip behind surfaces
- Unique 4 way expansion combined with dedicated material allows application in any type of substrate
- Solid head design provides strength whilst plug is installed
- Anti-rotational lugs promote grip in wide range of substrates including soft masonry materials

APPLICATIONS

- Lighting
- Wall cabinets
- Wardrobes
- Letterboxes
- TV brackets
- Bathroom fittings
- Electrical fittings
- Shelves

BASE MATERIALS

Suitable for use in:

- Concrete
- Hollow-core Slab
- High-Density Natural Stone
- Solid Brick
- Hollow Brick
- Vertically-perforated clay block
- Lightweight Concrete Block
- Hollow Lightweight Concrete Block
- Aerated Concrete Block
- Plasterboard

APPROVALS AND REPORTS

Installation guide movie

Rawlplug code	Plug		Fixture	Quantity	
	Diameter	Length	Hole diameter	Box	Outer
	mm	mm	d_f	pcs	pcs
4ALL-05	5	25	3,0 - 4,0	100	3200
4ALL-06	6	30	4,0 - 5,0	100	3200
4ALL-06050	6	50	4,0 - 5,0	50	3200
4ALL-08	8	40	4,5 - 6,0	100	1600
4ALL-08065	8	65	4,5 - 6,0	50	1600
4ALL-10	10	50	6,0 - 9,0	50	800
4ALL-12	12	60	8,0 - 10,0	20	640
4ALL-14	14	70	10,0 - 12,0	10	320

4ALL UNIVERSAL NYLON PLUG WITH SCREW

High performance nylon plug with screw for all types of substrates

FEATURES AND BENEFITS

- Unique internal design provides positive grip for screws
- Rib detail at plug head provides added grip
- Expanding section designed to collapse in hollow materials and provide positive grip behind surfaces
- Unique 4 way expansion combined with dedicated material allows application in any type of substrate
- Solid head design provides strength whilst plug is installed
- Anti-rotational lugs promote grip in wide range of substrates including soft masonry materials

APPLICATIONS

- Lighting
- Wall cabinets
- Wardrobes
- Letterboxes
- TV brackets
- Bathroom fittings
- Electrical fittings
- Shelves

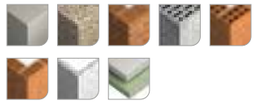
BASE MATERIALS

Suitable for use in:

- Concrete
- Hollow-core Slab
- High-Density Natural Stone
- Solid Brick
- Hollow Brick
- Vertically-perforated clay block
- Lightweight Concrete Block
- Hollow Lightweight Concrete Block
- Aerated Concrete Block
- Plasterboard

APPROVALS AND REPORTS

Installation guide movie



Rawlplug code	Plug		Screw		Fixture		Quantity	
	Diameter	Length	Diameter	Length	Max. thickness	Hole diameter	Box	Outer
	mm	mm	mm	mm	t_{fix}	d_f	pcs	pcs
4ALL-05+3530	5	25	3.5	30	10	4	50	1600
4ALL-06+4540	6	30	4.5	40	10	5	50	1600
4ALL-06050+4560	6	50	4.5	60	10	5	50	1600
4ALL-08+5060	8	40	5	60	20	6	50	800
4ALL-08065+5080	8	65	5	80	15	6	50	1200
4ALL-10+6060	10	50	6	60	10	7	25	400
4ALL-12/80	12	60	8	80	20	9	10	160
4ALL-12/100	12	60	8	100	40	9	10	160
4ALL-14/100	14	70	10	100	30	11	10	160

R-RNT RAWLNUT FLEXI PLUG

Easy-to-install plug giving exceptional resistance to vibration and corrosion

FEATURES AND BENEFITS

- Resistant to vibration and corrosion
- Ideal for unknown substrates and irregular or oversized holes
- Rubber flange sets flush at the surface which guarantee tight fixing
- Made from synthetic rubber (EPDM) for more severe corrosion environment
- Bonded brass insert

APPLICATIONS

- Pictures
- Lighting
- Shelves
- Trunking
- Cable trays
- Electrical fittings

BASE MATERIALS

Suitable for use in:

- Solid Brick
- Hollow Brick
- Vertically-perforated clay block
- Aerated Concrete Block
- Plasterboard
- Chipboard
- Plastic

R-RNT RAWLNUT FLEXI PLUG (cont.)

Rawlplug code	Plug			Quantity	
	Drill size	Screw	Length	Box	Outer
	mm		mm	pcs	pcs
RAWLNUT Flexi Plug					
R-RNT-M4/12	8	M4	12.6	50	900
R-RNT-M4/24	8	M4	24.0	50	900
R-RNT-M5/14	10	M5	14.0	50	900
R-RNT-M5/26	10	M5	26.0	50	900
R-RNT-M6/16	13	M6	16.0	50	900
R-RNT-M6/27	13	M6	26.7	50	900
R-RNT-M6/35	13	M6	35.0	50	900
R-RNT-M6/50	13	M6	50.0	50	900
R-RNT-M8/28	16	M8	28.0	50	900
R-RNT-M8/30	18	M8	30.0	50	900
R-RNT-M8/50	18	M8	50.0	50	900
R-RNT-M10/55	20	M10	55.0	25	360
R-RNT-M12/80	24	M12	78.0	20	360
RAWLNUT Flexi Plug with Screw					
R-RNT-M4X20	8	M4x20	12.6	50	900
R-RNT-M4X30	8	M4x30	24.0	50	900
R-RNT-M5X40-50	10	M5x50	39.8	50	900

GS CEILING WEDGE ANCHOR

Ceiling wedge anchor

GS

FEATURES AND BENEFITS

- During installation, when the nail is flush with the head, it signifies the complete expansion of the anchor
- The two hit zone ensure correct installation (especially in narrow drill holes) and high safety in use
- Approved for installation in cracked and non-cracket concrete
- Fire resistance class A1
- Reliable setting thanks to the simple visual check
- Impact expansion by hammer, no setting tool is needed

APPLICATIONS

- Installation of lightweight ceilings and suspended ceilings
- Installation of coffered ceilings
- Installation of conduit and pipe clamps and other MEP applications
- Ventilation systems
- Metal roof profiles
- Punched straps

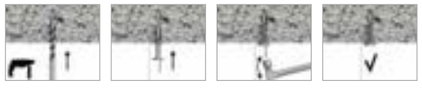
BASE MATERIALS

Approved for use in:

- Cracked concrete C20/25-C50/60
- Non-cracked concrete C20/25-C50/60

APPROVALS AND REPORTS

- ETA-11/0268



Rawlplug code	Anchor		Quantity	
	Diameter	Length	Box	Outer
	mm	mm	pcs	pcs
R-GS-06040	6	40	100	2000
R-GS-06065	6	65	100	1000

R-FX-N-C NYLON HAMMER-IN FIXING WITH CYLINDER HEAD

The nylon hammer fixing with cylinder head for fast, simple, cost-effective installations

FX-N-C

FEATURES AND BENEFITS

- Rapid hammer-set installation reduces the time required and allows for cost-effective, high-volume installation
- Cylinder head prevents plug slipping into over-sized holes and allows fix thin elements
- Combination of PH recess and the helical thread makes removal of the nail possible, facilitating disassembly when necessary
- The extensive range of product lengths, diameters and head types ensures availability of the correct fixing for every scenario
- Designed for push-through installation

APPLICATIONS

- Timber or metal battens
- Drywall structures
- Skirting / Dado railing
- Cable clamps
- Pipe clamps

BASE MATERIALS

Approved for use in:

- Concrete
- Solid Brick
- Solid Sand-lime Brick
- Hollow Sand-lime Brick
- Lightweight Concrete Block
- Hollow Lightweight Concrete Block
- Aerated Concrete Block

APPROVALS AND REPORTS

- ETA-12/0457

Rawlplug code	Plug		Quantity	
	Diameter	Length	Box	Outer
	mm	mm	pcs	pcs
R-FX-N-05C030	4.9	30	100	2400
R-FX-N-05C035	4.9	35	100	3200
R-FX-N-05C050	4.9	50	100	2400
R-FX-N-06C035	5.9	35	100	1600
R-FX-N-06C040	5.9	40	100	1600
R-FX-N-06C045	5.9	45	100	1600
R-FX-N-06C060	5.9	60	100	1200
R-FX-N-06C080	5.9	80	100	1200
R-FX-N-08C045	7.9	45	100	1200
R-FX-N-08C060	7.9	60	100	1200
R-FX-N-08C080	7.9	80	50	600
R-FX-N-08C100	7.9	100	50	600
R-FX-N-08C120	7.9	120	50	600
R-FX-N-08C140	7.9	140	50	600
R-FX-N-08C160	7.9	160	50	600

R-FX-N-K NYLON HAMMER-IN FIXING WITH MUSHROOM HEAD

The nylon hammer fixing with mushroom head for fast, simple, cost-effective installations

FX-N-K

FEATURES AND BENEFITS

- Rapid hammer-set installation reduces the time required and allows for cost-effective, high-volume installation
- Cylinder head prevents plug slipping into over-sized holes and allows fix thin elements
- Combination of PH recess and the helical thread makes removal of the nail possible, facilitating disassembly when necessary
- The extensive range of product lengths, diameters and head types ensures availability of the correct fixing for every scenario
- Designed for push-through installation

APPLICATIONS

- Timber or metal battens
- Drywall structures
- Skirting / Dado railing
- Cable clamps
- Pipe clamps

BASE MATERIALS

Approved for use in:

- Concrete
- Solid Brick
- Solid Sand-lime Brick
- Hollow Sand-lime Brick
- Lightweight Concrete Block
- Hollow Lightweight Concrete Block
- Aerated Concrete Block

APPROVALS AND REPORTS

- ETA-12/0457

R-FX-N-K NYLON HAMMER-IN FIXING WITH MUSHROOM HEAD (cont.)

Rawlplug code	Plug		Quantity	
	Diameter	Length	Box	Outer
	mm	mm	pcs	pcs
R-FX-N-06K040	5.9	40	100	1600
R-FX-N-06K060	5.9	60	100	1200
R-FX-N-06K080	5.9	80	100	1200

R-FX-N-L NYLON HAMMER-IN FIXING WITH COUNTERSUNK HEAD

The nylon hammer fixing with countersunk head for fast, simple, cost-effective installations

FX-N-L

FEATURES AND BENEFITS

- Rapid hammer-set installation reduces the time required and allows for cost-effective, high-volume installation
- Cylinder head prevents plug slipping into over-sized holes and allows fix thin elements
- Combination of PH recess and the helical thread makes removal of the nail possible, facilitating disassembly when necessary
- The extensive range of product lengths, diameters and head types ensures availability of the correct fixing for every scenario
- Designed for push-through installation

APPLICATIONS

- Timber or metal battens
- Drywall structures
- Skirting / Dado railing
- Cable clamps
- Pipe clamps

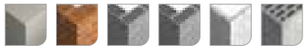
BASE MATERIALS

Approved for use in:

- Concrete
- Solid Brick
- Solid Sand-lime Brick
- Hollow Sand-lime Brick
- Lightweight Concrete Block
- Hollow Lightweight Concrete Block
- Aerated Concrete Block

APPROVALS AND REPORTS

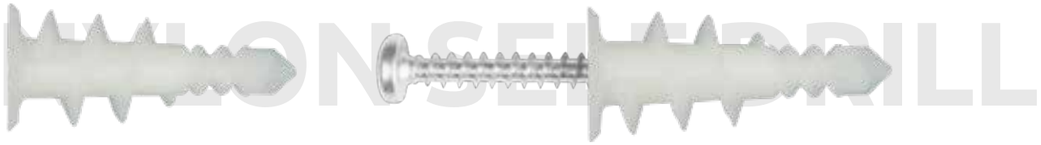
- ETA-12/0457



Rawlplug code	Plug		Quantity	
	Diameter	Length	Box	Outer
	mm	mm	pcs	pcs
R-FX-N-05L025	5	25	100	2400
R-FX-N-05L030	5	30	100	2400
R-FX-N-05L035	5	35	100	2400
R-FX-N-05L040	5	40	100	2400
R-FX-N-05L050	5	50	100	2400
R-FX-N-06L035	6	35	100	2400
R-FX-N-06L040	6	40	100	1600
R-FX-N-06L050	6	50	100	1200
R-FX-N-06L060	6	60	100	1200
R-FX-N-06L080	6	80	100	1200
R-FX-N-08L045	8	45	100	1200
R-FX-N-08L060	8	60	100	1200
R-FX-N-08L080	8	80	50	600
R-FX-N-08L100	8	100	50	600
R-FX-N-08L120	8	120	50	600
R-FX-N-08L140	8	140	50	600
R-FX-N-08L160	8	160	50	600

R-DRA NYLON SELF DRILL FIXING FOR PLASTERBOARD

Nylon self-drill plasterboard fixing



FEATURES AND BENEFITS

- Very durable nylon material with fibre glass and special drilling point guarantees fast installation
- Flange prevents accidental pull through in plasterboard
- Can be used in single and double thickness plasterboard
- Short length ideally suited for dry lined walls
- Installation with a standard screwdriver means that no special tools are necessary
- Recommended screw diameter: 3.5 - 4.2 mm

APPLICATIONS

- Sockets, light switches and other electrical fittings
- Shelves and bathroom accessories on standard plasterboard.
- Installation of ceiling fixtures, such as light fittings
- Light shelving, brackets and hooks
- Pictures
- Wood battens

BASE MATERIALS

Suitable for use in:

- Plasterboard
- Gypsum fibreboards

Rawlplug code	Plugw		Screw		Quantity	
	Diameter	Length	Diameter	Length	Box	Outer
	mm	mm	mm	mm	pcs	pcs
R-DRA-01	14	36	-	-	100	1800
R-DRA-01PLUS	14	36	3.9	32	100	1600

R-DRAM METAL SELF DRILL FIXING FOR PLASTERBOARD

Metal self-drive plasterboard fixing

FEATURES AND BENEFITS

- Flange prevents accidental pull through in plasterboard
- Can be used in single and double thickness plasterboard
- Short length ideally suited for dry lined walls
- No drill required - simply pierce paper skin and screw home
- Ideal for use with either a power or manual PZ screwdriver in hard surfase of base materials
- Must only be used with screws provided

APPLICATIONS

- Fixing electrical boxes, sanitary ware, cable trunking, etc.
- Shelves and bathroom accessories on standard plasterboard
- Sockets, light switches and other electrical fittings
- Light shelving, brackets and hooks
- Timber or metal battens
- Pictures

BASE MATERIALS

Suitable for use in:

- Plasterboard
- Gypsum fibreboards
- Chipboard
- Oriented Strand Board
- Aerated Concrete Block

Rawlplug code	Plug		Screw		Quantity	
	Diameter	Length	Diameter	Length	Box	Outer
	mm	mm	mm	mm	pcs	pcs
R-DRA-02	13	31	-		100	3200
R-DRA-02PLUS	13	31	4.2	32	100	1600

R-SM INTERSET HOLLOW WALL ANCHOR

Interset fixing for permanent anchorages in cavity walls. Zinc-plated metal fixing with metric screw

FEATURES AND BENEFITS

- Due to extensive range the SM INTERSET is suitable for board building materials with a thickness 2-38mm, it allows for a number of different applications
- The fixing can be installed using normal screwdriver, or installation pliers
- One piece stamping, with integral thread and flange for increased reliability
- Hinged legs designed to maximise load-bearing capacity in single or double thickness plasterboard
- Large contact area of expanded arms increases load-bearing capacity and security
- Integral anti-rotation lugs
- Fixtures can be removed and re-fitted
- Combination head screw supplied

APPLICATIONS

- Shelves and bath-room accessories on standard plasterboard
- Radiators and kitchen cabinets on double thickness and tiled plaster-board
- Pictures
- Lamps
- Towel rails and curtain rails
- Mirrors

BASE MATERIALS

Suitable for use in:

- Plasterboard
- Chipboard
- Oriented Strand Board

APPROVALS AND REPORTS

Rawlplug code	Anchor			Quantity	
	Drill size	Size	Wall thickness	Box	Outer
	mm	mm	mm	pcs	pcs
R-SM-04020	8	M4x20	2-5	100	3200
R-SM-04032	8	M4x32	2-10	100	3200
R-SM-04038	8	M4x38	8-15	100	1600
R-SM-04046	8	M4x46	15-21	100	1600
R-SM-04059	8	M4x59	34-38	100	1600
R-SM-05037	10	M5x37	5-13	100	1600
R-SM-05052	10	M5x52	6-16	100	1600
R-SM-05065	10	M5x65	15-28	100	1200
R-SM-06037	12	M6x37	8-12	100	1200
R-SM-06052	12	M6x52	13-15	100	1200
R-SM-06065	12	M6x65	15-28	50	600
R-SM-06080	12	M6x80	32-35	50	600
R-SM-08080	16	M8x80	32-35	50	600
Screw with angle hook					
R-SM-04032K	8	M4x32	2-10	100	1800
Screw with round hook					
R-SM-04032S	8	M4x32	2-10	100	1800

R-AT TOOL FOR INTERSET

Setting tool for easy setting of Interset cavity fixings

FEATURES AND BENEFITS

- Setting tool used to pull the screw head and expanding the fixing body of interset cavity fixings
- No screwdriver needed for installation

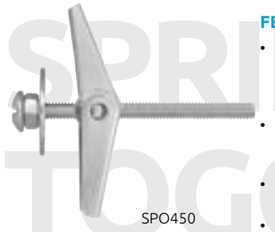
APPLICATIONS

- Shelves and bathroom accessories on standard plasterboard
- Light shelving, brackets and hooks

Rawlplug code	Quantity	
	Box	Outer
	pcs	pcs
R-AT-88RAWL	1	30

R-SPO SPRING TOGGLE

Spring toggle single or double thickness plasterboard and large fixtures



FEATURES AND BENEFITS

- The long threaded rod of the toggle fixings allows for use with different board thick-ness and thick attachements, offers maximum flexibility
- The wide transition beams ensure a good load distribution. This achieves a high load-bearing capacity
- Allows easy installation for fastenings behind thick panels in very flat cavities
- Self-acting anchor with easy installation
- Suitable for overhead applications

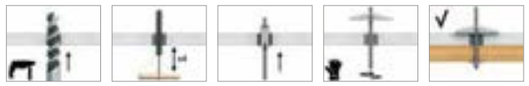
APPLICATIONS

- Light shelving
- Brackets, grips and hooks
- Paintings
- Lamps
- Lighting
- Mirrors
- Other decorative elements

BASE MATERIALS

Suitable for use in:

- Plasterboard
- Chipboard
- Oriented Strand Board
- Plastic



Rawlplug code	Anchor		Quantity	
	Size	Drill size	Box	Outer
	mm	mm	pcs	pcs
R-SPO-03050	M3x50	12	100	1600
R-SPO-05050	M5x50	14	100	100
R-SPO-05080	M5x80	14	100	100
R-SPO-06060	M6x60	18	50	50
R-SPO-06080	M6x80	18	50	50

TAP-IT HAMMER-IN FIXING FOR PLASTERBOARD

Metal fixing for plasterboard

R-GPB-PLUS with screw

R-BP

FEATURES AND BENEFITS

- Steel fixing for medium and heavy weights
- Simple installation due to introductory thread
- Corrugated tip simplifies installation without previous drilling
- Expanding construction of the fixing prevents spinning in the substrate during installation
- Flat head enables leveling fixing with the surface of the substrate
- Simple removal without harming the substrate

APPLICATIONS

- Sanitary appliances
- Wardrobes
- Curtain rods support
- Shelves support
- Heaters
- Convector heaters
- Kitchen appliances

BASE MATERIALS

Suitable for use in:

- Plasterboard

Rawlplug code	Plug	Screw	Quantity	
	Diameter	Length	Box	Outer
	mm	mm	pcs	pcs
R-GPB	10,5x30	-	100	1600
R-GPB-PLUS	10,5x30	4,0x40	100	1600

R-O METAL FRAME ANCHOR

Metal frame anchor for window and door installation

FEATURES AND BENEFITS

- Metal sleeve design guards against distortion of the frame
- Anti-rotation lugs prevent rotation during tightening
- All-steel construction for strength and durability
- Quick and easy installation
- The cover caps (available separately) can be used to discreetly cover the head of anchor

APPLICATIONS

- Door and window frames

BASE MATERIALS

Approved for use in:

- Reinforced concrete
- Concrete

Also suitable for use in:

- Natural Stone

Rawlplug code	Anchor		Quantity	
	Diameter	Length	Box	Outer
	mm	mm	pcs	pcs
R-O-10072	10	72	100	1200
R-O-10092	10	92	100	100
R-O-10112	10	112	100	100
R-O-10132	10	132	100	100
R-O-10152	10	152	100	100
R-O-10182	10	182	100	100
R-O-10202	10	202	100	100

R-WHO FRAME SCREWS

Special frame screws for window and door installation

FEATURES AND BENEFITS

- Flat head for the comfortable installation in matal window and door frames
- No additional plugs required, making the WHO screw a user-friendly and time-efficient fixing solution
- Expansion-free fixing imposes less stress on substrate during installation
- High load resistances from a relatively small hole diameter
- Easily removed for temporary works

APPLICATIONS

- Door and window frames
- Securing formwork
- Suspended ceilings
- Lightweight steel angles
- Timber construc-tions

BASE MATERIALS

Approved for use in:

- Concrete
- Solid Brick
- Hollow Brick
- Aerated Concrete Block

Also suitable for use in:

- Natural Stone
- Hollow-core Slab
- Timber

Rawlplug code	Screw			Quantity	
	Drill size	Diameter	Length	Box	Outer
	mm	mm	mm	pcs	pcs
R-WHO-75052	6	7,5	52	100	1600
R-WHO-75072	6	7,5	72	100	1600
R-WHO-75092	6	7,5	92	100	100
R-WHO-75112	6	7,5	112	100	100
R-WHO-75132	6	7,5	132	100	100

WHO FRAME SCREWS (cont.)

Rawlplug code	Screw			Quantity		
	Drill size	Diameter	Length	Box	Outer	Pallet
	mm	mm	mm	pcs	pcs	pcs
R-WHO-75152	6	7,5	152	100	100	36400
R-WHO-75182	6	7,5	182	100	100	36400
R-WHO-75202	6	7,5	202	100	100	27300
R-WHO-75212	6	7,5	212	100	100	27300

R-KMW METAL HAMMER FIXING

For light duty fixings of metal constructions and sheet metal to solid building materials

FEATURES AND BENEFITS

- Drawn elements shouldn't be used for suspen-sion (bars, verniers) due to non-axial lift load of the linkage
- Low-profile mushroom head provides a nice finish and tamper proof fastening
- Consistent load values ensure safe light-duty fastenings in concrete and masonry
- Suitable for use in fire-rated applications
- Impact expansion by hammer, no setting tool is needed.
- Designed for easy push-through fastenings, even in bottomless holes

APPLICATIONS

- Metal roof profiles
- Pipework
- Cable trays
- Cable conduits and wires
- Cladding and panel-ling

BASE MATERIALS

Approved for use in:

- Non-cracked concrete C20/25-C50/60

Also suitable for use in:

- Concrete Slab
- Solid Brick
- Solid Concrete Block

Rawlplug code	Anchor		Quantity	
	Diameter	Length	Box	Outer
	mm	mm	pcs	pcs
R-KMW-06040	6	40	100	1600

R-ISO-PLUG INSULATION FIXINGS

For fastening lightweight fixtures on insulated façades

ISO-PLUG 50

ISO-PLUG 80

FEATURES AND BENEFITS

- No thermal bridging.
- Can be installed with commercial drill/drive tool.
- The geometry of the R-ISO-PLUG allows for a simple installation in thin layers of plaster, without the need for pre-drilling, thus saving a stage of installation
- Fixtures are fixed with a 4 - 4.5mm screw

APPLICATIONS

- Façade construction (ETICS)
- Attachments to insulation
- Lightweight recycled panels
- Electrical fittings
- Refrigeration and climate control

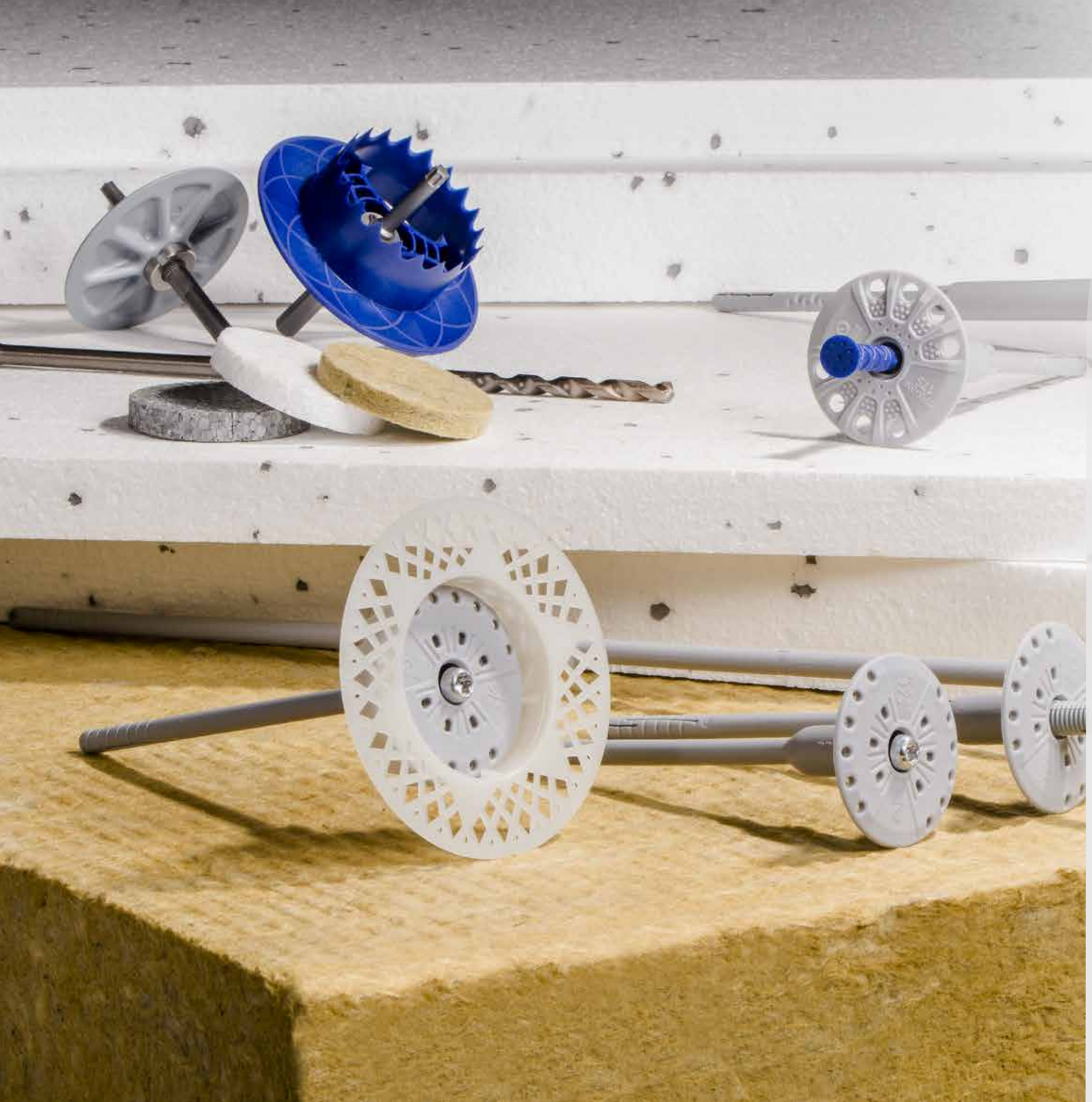
BASE MATERIALS

Approved for use in:

- Polystyrene (EPS) boards
- Mineral Wool Boards

Installation guide movie

Rawlplug code	Fixing	Recommended screw diameter	Quantity [pcs]		
	Length [mm]		Box	Outer	Pallet
R-ISO-PLUG-50	55	4.0 - 5.0	50	600	14400
R-ISO-PLUG-80	85	6.0 - 7.0	40	300	7680



Façade insulation fixings

Overview of façade fixings	**302**
Screw-in façade fixings	**304**
Hammer-in façade fixings	**309**
Washers	**314**
Façade insulation accessories	**320**

RAWLPLUG®

100 YEARS OF EXPERTISE IN FIXINGS, FASTENERS AND TOOLS

FAÇADE INSULATION FIXINGS

INNOVATION AND ENERGY SAVING CONSTRUCTIONS

6 STEPS

TO CHOOSE THE OPTIMAL FAÇADE FIXING

1 EXAMINING THE SUBSTRATE

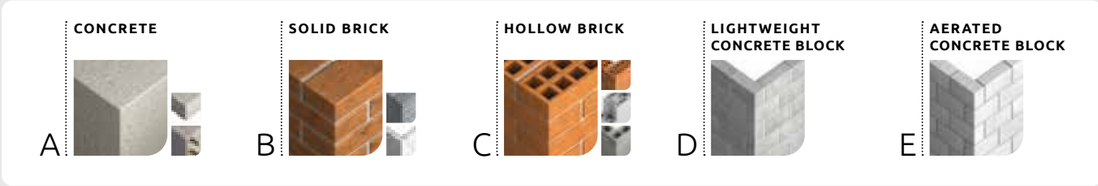
2 SELECTION OF THE FIXING'S TYPE

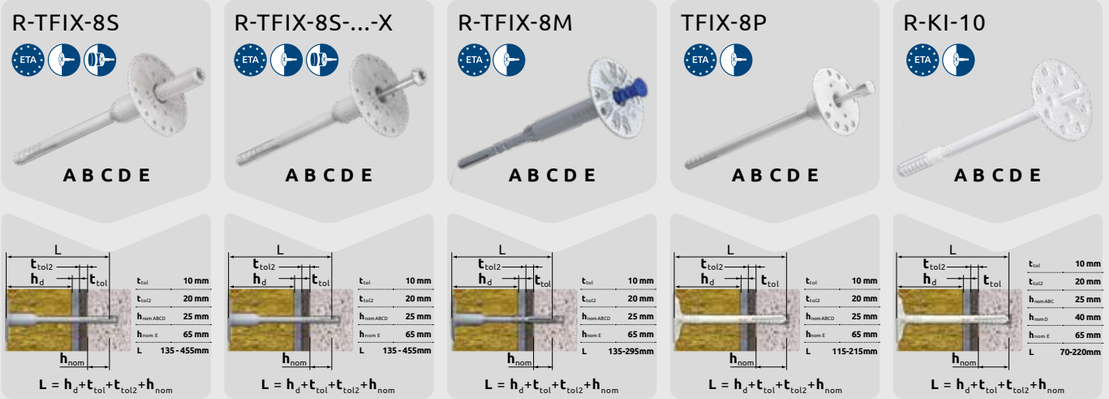
3 SELECTION OF THE FIXING'S LENGTH

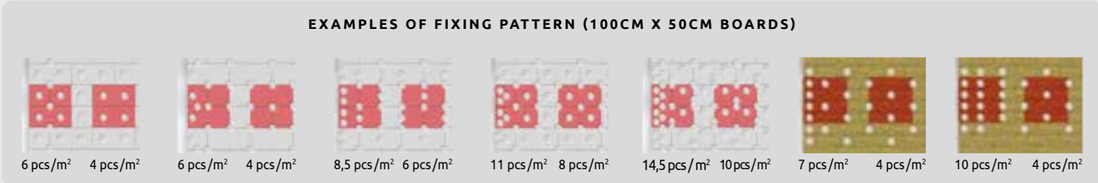
4 INSTALLATION PLANNING ACCORDING TO GUIDELINES

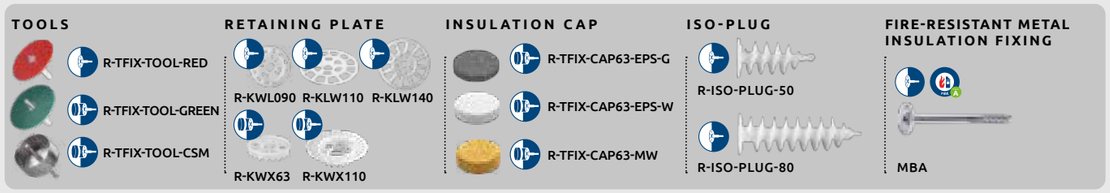
5 SELECTION OF DRILLING TECHNIQUE AND DRILL BITS

6 SELECTION OF ACCESSORIES









EXTERNAL THERMAL INSULATION COMPOSITE SYSTEM (ETICS)

EXTERNAL THERMAL INSULATION COMPOSITE SYSTEM (ETICS)

EXTERNAL THERMAL INSULATION COMPOSITE SYSTEM (ETICS)

EXTERNAL THERMAL INSULATION COMPOSITE SYSTEM (ETICS)

EXTERNAL THERMAL INSULATION COMPOSITE SYSTEM (ETICS)

RAWLPLUG® Academy

Use the e-learning training
or sign up for our hands-on training.

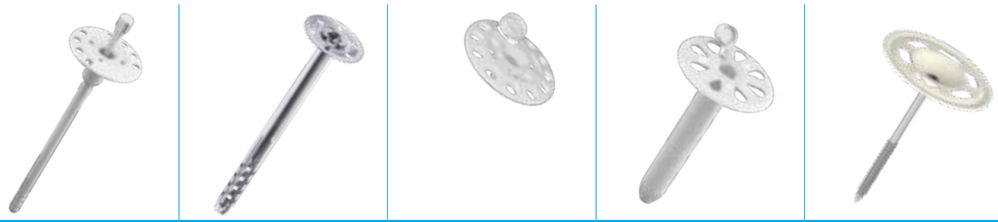
- Façade fixings - general characteristics
- Façade fixings - product selection for applications

www.rawlplug.com

Overview of our range

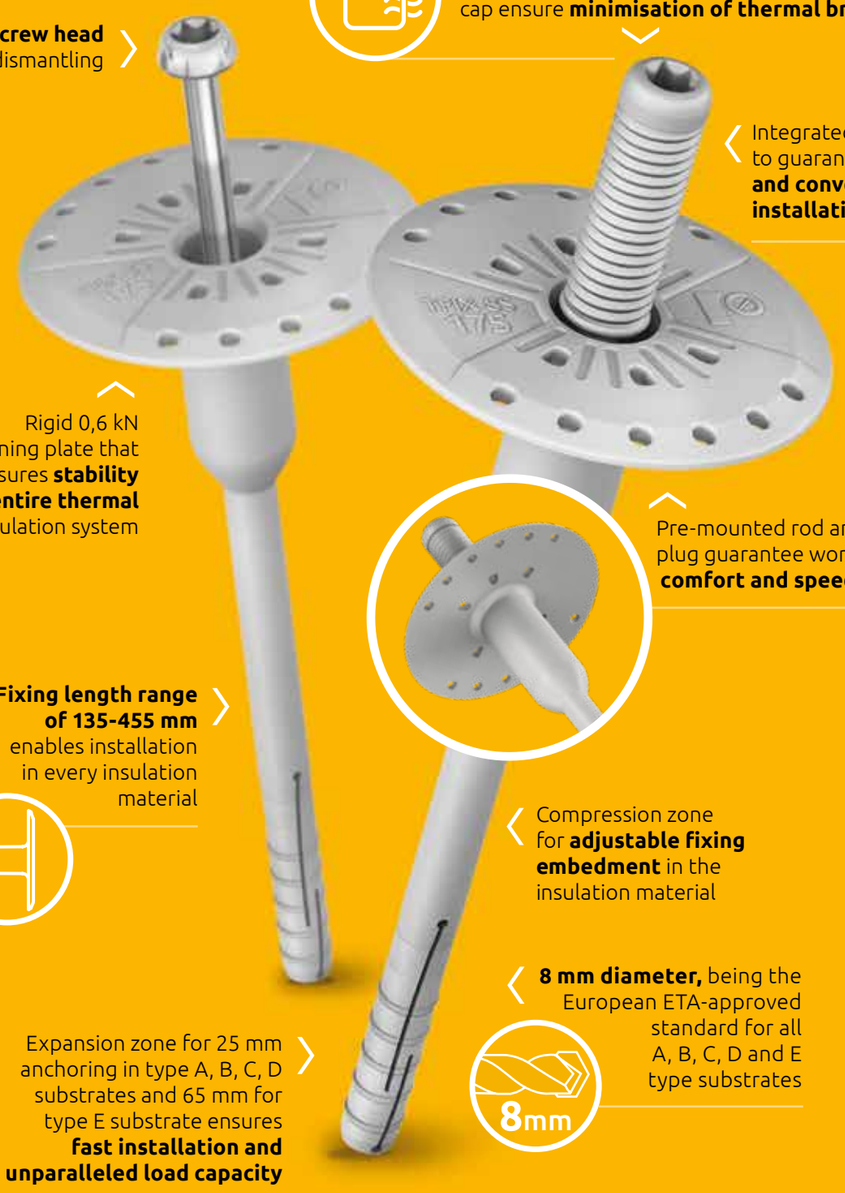
				ETICS FIXINGS		
	Façade INSULATION FIXINGS			R-TFIX-8S	R-TFIX-8S-...-X	R-TFIX-8M
INSULATION MATERIAL	EXTRUDED OR EXPANDED POLYSTYRENE			V	V	V
	MINERAL WOOL			V	V	V
	LAMELLA WOOL + HOLDING FLANGE					
	CORK BOARDS, WOOD FIBREBOARDS, LIGHTWEIGHT RECYCLED PANELS			V	V	V
SUBSTRATES	CONCRETE		A	V 1.5 kN	V 1.5 kN	V 1.2kN
	SOLID BRICK, CALCIUMSILICATE BRICK, CONCRETE BLOCKS, STONE		B	V 1.5 kN	V 1.5 kN	V 1.2kN
	HOLLOW BRICK, CHEQUER BRICK, CERAMIC HOLLOW BRICKS		C	V 0.9 kN	V 0.9 kN	V 0.5-1.1 kN
	LIGHTWEIGHT CONCRETE BLOCKS, E.G. LECA CONCRETE		D	V 0.6 kN	V 0.6 kN	V 0.5 kN
	AUTOCLAVED CELLULAR (GAS) CONCRETE		E	V 1.2 kN	V 1.2 kN	V 1.0 kN
	TIMBER, WOOD-BASED BOARDS			-	-	-
	TRAPEZOIDAL SHEET			-	-	-
	ApproVals and Reports	ETA CE		ETA 17/0161	ETA 17/0161	ETA 17/0592
CHARACTERISTICS	AVAILABLE LENGHTS [MM]			115, 135, 155, 175, 195, 215, 235, 255, 275, 295, 315, 335, 355, 375, 395, 415, 435, 455	115, 135, 155, 175, 195, 215, 235, 255, 275, 295, 315, 335, 355, 375, 395, 415, 435, 455	95, 115, 135, 155, 175, 195, 215, 235, 275, 295
	THERMAL INSULATION THICKNESSES RANGE [MM]			60-420	60-420	60 - 260
	DRILL DIAMETER [MM]			8	8	8
	ANCHORAGE DEPTH (MM)			25 (65)	25 (65)	25 (65)
	INSTALLATION TYPE			screw-in	screw-in	hammer set
	ADDITIONAL INFORMATION			The best fastener for eVery fixing. 100% correct anchoring in all conditions. The best parameters, the most Versatile of professional fixings.		The best hammered-in fixing. Very good parameters with the simplest installation.

Overview of our range



	INSULATION FIXINGS				
	TFIX 8P	MBA	R-KC	KCX	R-DB
INSULATION MATERIAL	V	V	V	V	-
	V	V	V	V	-
					-
	V	V	-	-	
SUBSTRATES	V 0.5 kN	V 0.8 kN	-	V 1.5 kN	V 0.5 kN
	V 0.5 kN	V 0.6 kN	-	-	-
	V 0.3 kN	-	-	-	-
	V 0.3 kN	-	-	-	-
	V 0.5 kN	V 0.8 kN	-	-	-
	-	-	V 0.91kN	V 1.5 kN	-
	-	-	V 0.81 kN	V 1.5 kN	-
	ETA-13/0845	KOT-2018/0721	KOT-2017-0345	AT-15-9280/2014	Zulassung: Z-21.8-2077
CHARACTERISTICS	115, 135, 155, 175, 195, 215	MBA: 80, 110, 140, 170, 200, 240, 300, MBA-SS: 90, 110, 140, 170, 200, 250, 300	UC: 50, 60, 70, 80, 90, 100, 110, 120, 130, 140, 150, 160, 180, 200WB: 80, 100, 120, 140, 160, 170, 180, 200, 220	UC: 50, 60, 70, 80, 90, 100, 110, 120, 130, 140, 150, 160, 180, 200 WB: 80, 100, 120, 140, 160, 170, 180, 200, 220	50, 75, 90, 100, 120, 140, 160, 180, 200, 220, 240, 260, 300
	50-180	40 - 250	40 -200	40-350	20 - 270
	8	8	-	-	5.0
	25 (65)	30 - 50	30	30	30
	hammer set	hammer set	screw-in	screw-in	screw-in
	The economical fixing for bonded ETICS applications.	Non-flammable fixings for ETICS-requiring installations.	The best choice for timber, sheathing board and trapezoidal sheet.	The best choice for timber, sheathing board and trapezoidal sheet.	The best choice for timber, sheathing board and trapezoidal sheet.

THE MOST MULTIFUNCTIONAL FAÇADE FIXING



R-TFIX-8S UNIVERSAL FAÇADE FIXINGS

Versatile screw-in façade fixing with high performance in all base materials recommended for ETICS

R-TFIX-TOOL-RED setting tool

R-TFIX-TOOL-GREEN setting tool

FEATURES AND BENEFITS

- Quick and easy installation in all substrates (categories A,B,C,D,E)
- Unique sleeve compression zone for precision installations
- The long plastic overmoulding on the TFIX-8S screw minimises thermal bridging (value 0.002W/K), contributing to energy-saving benefits
- Plate stiffness (value 0.6 kN/mm) ensures smooth elevation surface and stable insulation system.
- Pre-assembled screw saves time and labour
- Unique design allows for high load-bearing capacities. This reduces the quantity of fixings required per square metre of insulation
- The shortest embedment depth at the maximum strength parameters

APPLICATIONS

- External Thermal Insulation Composite Systems (ETICS)
- Polystyrene (EPS) boards
- Mineral wool (MW) boards
- Polyurethane (PU) boards
- Cork boards
- Light wood wool building boards

BASE MATERIALS

Approved for use in:

- Concrete C12/15-C50/60 (Use category A)
- External wall panel of concrete C 16/20 – C50/60 (Use category A)
- Solid Brick (Use category B)
- Solid Sand-lime Brick (Use category B)
- Vertically-perforated clay block (Use category C)
- Reinforced components of lightweight aggregate concrete (Use category D)
- Aerated Concrete Block (Use category E)

APPROVALS AND REPORTS

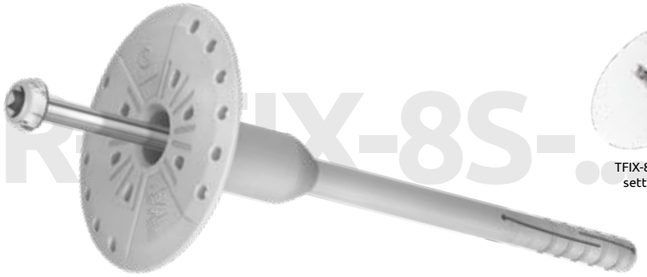
- ETA-17/0161

Installation guide movie

Rawlplug code	Fixing			Fixture Recommended thickness		Quantity		
	Diameter	Length	Plate diameter			Box	Outer	Pallet
	mm	mm	mm	A,B, C, D	E	pcs	pcs	pcs
R-TFIX-8S-115	8	115	60	80	40	200	200	8000
R-TFIX-8S-135	8	135	60	100	60	200	200	8000
R-TFIX-8S-155	8	155	60	120	80	200	200	6400
R-TFIX-8S-175	8	175	60	140	100	200	200	6400
R-TFIX-8S-195	8	195	60	160	120	200	200	6400
R-TFIX-8S-215	8	215	60	180	140	100	100	4000
R-TFIX-8S-235	8	235	60	200	160	100	100	4000
R-TFIX-8S-255	8	255	60	220	180	100	100	4000
R-TFIX-8S-275	8	275	60	240	200	100	100	4000
R-TFIX-8S-295	8	295	60	260	220	100	100	4000
R-TFIX-8S-315	8	315	60	180	240	100	100	4000
R-TFIX-8S-335	8	335	60	300	260	100	100	4000
R-TFIX-8S-355	8	355	60	320	280	100	100	3200
R-TFIX-8S-375	8	375	60	340	300	100	100	3200
R-TFIX-8S-395	8	395	60	360	320	50	50	1600
R-TFIX-8S-415	8	415	60	380	340	50	50	1600
R-TFIX-8S-435	8	435	60	400	360	50	50	1600
R-TFIX-8S-455	8	455	60	420	380	50	50	1600

R-TFIX-8S-...-X UNIVERSAL FAÇADE FIXINGS

Versatile screw-in façade fixing with high performance in all base materials recommended for ETICS



TFIX-8ST-TOOL setting tool

R-TFIX-TOOL-BLACK setting tool

R-TFIX-TOOL-CSM setting tool

FEATURES AND BENEFITS

- Quick and easy installation in all substrates (categories A,B,C,D,E)
- Unique sleeve compression zone for precision installations
- Plate stiffness (value 0.6 kN/mm) ensures smooth elevation surface and stable insulation system
- Pre-assembled screw saves time and labour
- Unique design allows for high load-bearing capacities. This reduces the quantity of fixings required per square metre of insulation
- The shortest embedment depth at the maximum strength parameters

APPLICATIONS

- External Thermal Insulation Composite Systems (ETICS)
- Polystyrene (EPS) boards
- Mineral wool (MW) boards
- Polyurethane (PU) boards
- Cork boards
- Light wood wool building boards

BASE MATERIALS

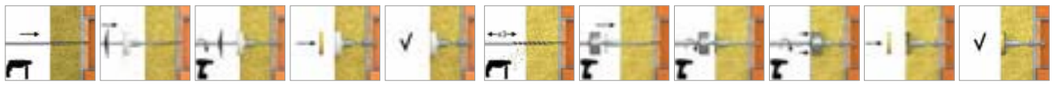
Approved for use in:

- Concrete C12/15-C50/60 (Use category A)
- External wall panel of concrete C 16/20 – C50/60 (Use category A)
- Solid Brick (Use category B)
- Solid Sand-lime Brick (Use category B)
- Vertically-perforated clay block (Use category C)
- Reinforced components of lightweight aggregate concrete (Use category D)
- Aerated Concrete Block (Use category E)

APPROVALS AND REPORTS

- ETA-17/0161

Installation guide movie



Rawlplug code	Fixing			Fixture Recommended thickness		Quantity		
	Diameter	Length	Plate diameter			Box	Outer	Pallet
	mm	mm	mm	A,B, C, D	E	pcs	pcs	pcs
R-TFIX-8S-115-X	8	115	60	80	40	200	200	8000
R-TFIX-8S-135-X	8	135	60	100	60	200	200	8000
R-TFIX-8S-155-X	8	155	60	120	80	200	200	6400
R-TFIX-8S-175-X	8	175	60	140	100	200	200	6400
R-TFIX-8S-195-X	8	195	60	160	120	200	200	6400
R-TFIX-8S-215-X	8	215	60	180	140	100	100	4000
R-TFIX-8S-235-X	8	235	60	200	160	100	100	4000
R-TFIX-8S-255-X	8	255	60	220	180	100	100	4000
R-TFIX-8S-275-X	8	275	60	240	200	100	100	4000
R-TFIX-8S-295-X	8	295	60	260	220	100	100	4000
R-TFIX-8S-315-X	8	315	60	180	240	100	100	4000
R-TFIX-8S-335-X	8	335	60	300	260	100	100	4000
R-TFIX-8S-355-X	8	355	60	320	280	100	100	3200
R-TFIX-8S-375-X	8	375	60	340	300	100	100	3200
R-TFIX-8S-395-X	8	395	60	360	320	50	50	1600
R-TFIX-8S-415-X	8	415	60	380	340	50	50	1600
R-TFIX-8S-435-X	8	435	60	400	360	50	50	1600
R-TFIX-8S-455-X	8	455	60	420	380	50	50	1600

TFIX-8P FACADE FIXING WITH PLASTIC PIN

Versatile hammer-in facade fixing with plastic nail recommended for ETICS

FEATURES AND BENEFITS

- Installation in all base materials (categories A,B,C,D,E)
- The plastic nail reduces heat transmission (value 0.0W/K)
- Pre-assembled expansion nail saves time and labour.
- Unique nylon pin designe reinforced with glass fibre allows fast and trouble-free installation with correct expansion of the plug.
- Expansion zone designed for low embedment depths, reducing the amount of drilling required.
- Can be used in combination with additional KWL plate - 90, 110 or 140mm diameter.

APPLICATIONS

- External Thermal Insulation Composite Systems (ETICS)
- Polystyrene (EPS) boards
- Polyurethane (PU) boards
- Mineral wool
- Lightweight wood wool building boards
- Cork boards

BASE MATERIALS

Approved for use in:

- Concrete C12/15-C50/60 (Use category A)
- Solid Brick (Use category B)
- Solid Sand-lime Brick (Use category B)
- Hollow Brick (Use category C)
- Hollow Sand-lime Brick (Use category C)
- Vertically-perforated clay block (Use category C)
- Lightweight Concrete Block (Use category C)
- Hollow Lightweight Concrete Block (Use category C)
- Reinforced components of lightweight aggregate concrete (Use category D)
- Aerated Concrete Block (Use category E)

APPROVALS AND REPORTS

- ETA-13/0845

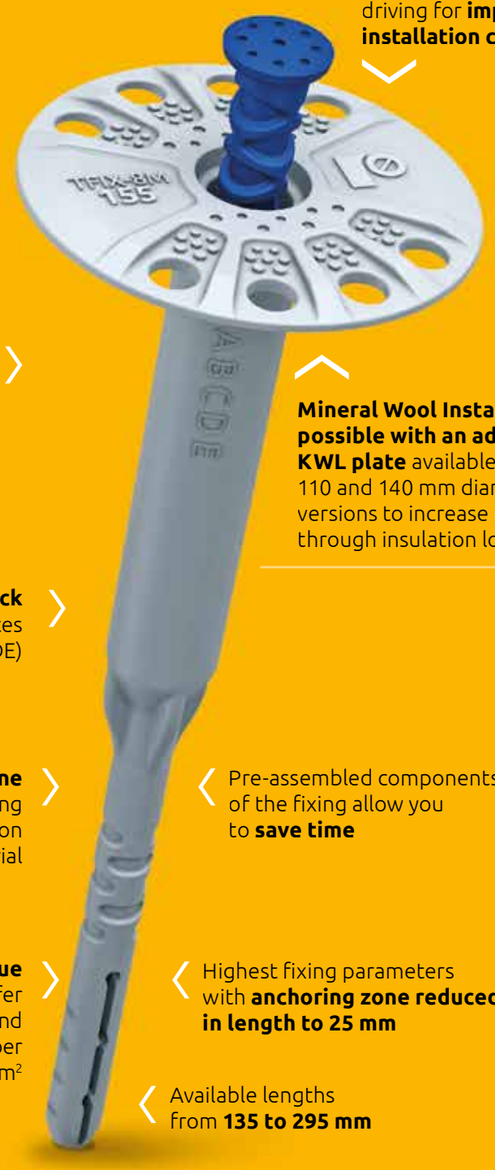
Installation guide movie

Rawlplug code	Fixing			Fixture Recommended thickness		Quantity		
	Diameter	Length	Plate diameter			Box	Outer	Pallet
	mm	mm	mm	A,B, C, D	E	pcs	pcs	pcs
TFIX-8P-115-2	8	115	60	60	20	200	200	6000
TFIX-8P-135-2	8	135	60	80	40	200	200	6400
TFIX-8P-155-2	8	155	60	100	60	200	200	6400
TFIX-8P-175-2	8	175	60	120	80	200	200	6000
TFIX-8P-195-2	8	195	60	140	100	200	200	6400
TFIX-8P-215-2	8	215	60	160	120	100	100	6400

THE MOST EFFICIENT HAMMER-IN FAÇADE FIXING

Increased head diameter enabling centric hammer driving for **improved installation comfort**

Reduced point thermal transmittance to 0,001W/K thanks to high steel pin overmould, which decreases façade heat losses



High plate rigidity (1.0 kN/mm) ensuring **stability of the façade thermal insulation system** by counteracting wind suction-induced vibrations

Mineral Wool Installation possible with an additional KWL plate available in 90, 110 and 140 mm diameter versions to increase pull-through insulation loads

Easy and quick installation in substrates of all categories (ABCDE)

Compression zone for controlled fixing embedment in the insulation material

Pre-assembled components of the fixing allow you to **save time**

Anchoring zone of unique design for efficient transfer of high loads and reduced number of anchors per m²

Highest fixing parameters with **anchoring zone reduced in length to 25 mm**

Available lengths from **135 to 295 mm**

R-TFIX-8M HAMMER-IN FAÇADE FIXING WITH METAL NAIL

BEST EFFICIENCY! THERE'S JUST NO BETTER WAY TO DO IT.
THE MOST EFFICIENT HAMMER-IN FAÇADE FIXING.

1 ENERGY EFFICIENCY

The product is particularly recommended for energy--efficient and green construction projects. Its new design, featuring 5 times longer thermal barrier between the steel nail and the façade surface, ensures point thermal bridges reduced by as much as 50%, i.e. to 0.001 W/K for each product length, compared to the most popular solutions available on the market. Bear in mind that low thermal permeability of the fixing is one of its main properties that eliminates the risk of discolouration spots on the façade.

2 BEST SOLUTION IN THE MARKET FOR ANCHORING IN CORE SLAB

The only product certified for anchoring thermal insulation boards in 40 mm thick concrete panel, where the thin substrate wall is typically a major constraint for efficient fixing.

3 FASTEST INSTALLATION

The hammer-in technique combined with a two-component fixing with an expansion pin is a guarantee of the fastest installation compared to other façade fixings.

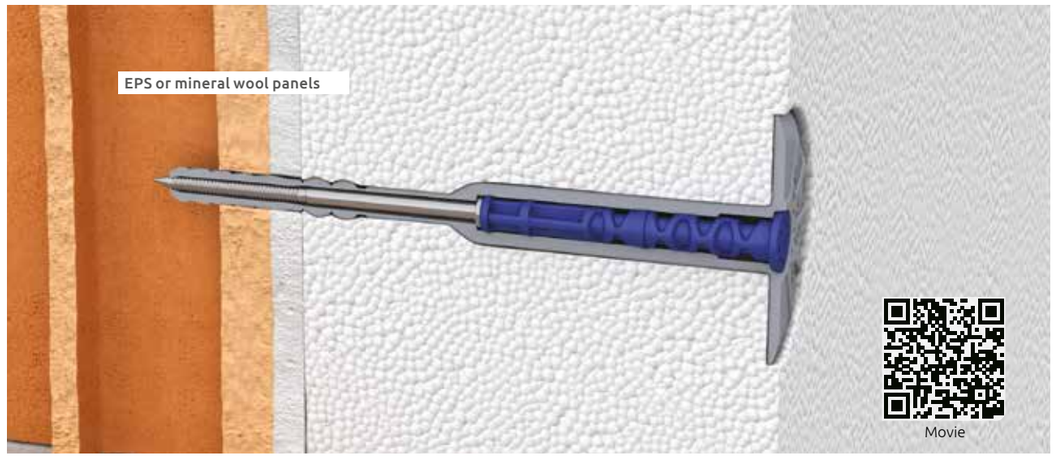
4 UNMATCHED COMFORT OF USE

Thanks to the pin head diameter enlarged to 15 mm at the hammering point, the hammer-in fixing with a steel pin makes it easier to drive pins centrically with a hammer, improving stability of installation and consequently ensuring comfortable use of the product.

5 SYSTEM PROVIDERS SOLUTION OF CHOICE

It stabilises the entire façade's thermal insulation system thanks to the high rigidity plate (1.0 kN/mm) which counteracts façade vibrations under the impact of strong wind suction forces.

Flush installation



R-TFIX-8M

FAÇADE FIXING WITH METAL NAIL

NEW PRODUCT

Versatile hammer-in façade fixing with steel nail recommended for ETICS.

FEATURES AND BENEFITS

- Quick and easy installation in all substrates (categories A,B,C,D,E)
- Unique sleeve compression zone for precision installations
- Highest loads with anchoring zone reduced in length to 25 mm
- Reduced point thermal transmittance to 0.001W/K thanks to high steel nail overmould, which decreases façade heat losses
- Plate stiffness (value 0.7 kN/mm) ensures smooth elevation surface and stable insulation system.
- Increased head diameter enabling centric hammer driving for improvedinstallation comfort
- Pre-assembled components of the fixing allow you to save time

APPLICATIONS

- External Thermal Insulation Composite Systems (ETICS)
- Polystyrene (EPS) boards
- Mineral wool (MW) boards
- Polyurethane (PU) boards
- Cork boards
- Light wood wool building boards

BASE MATERIALS

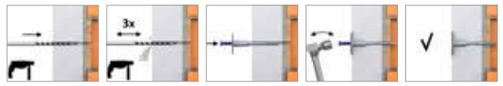
Approved for use in:

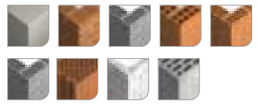
- Concrete C12/15-C50/60 (Use category A)
- Concrete C16/20 (Use category A)
- Concrete C20/25-C50/60 (Use category A)
- External wall panel of concrete C 16/20 – C50/60 (Use category A)
- Solid Brick (Use category B)
- Solid Sand-lime Brick (Use category B)
- Hollow Sand-lime Brick |(Use category C)
- Vertically-perforated clay block (Use category C)

APPROVALS AND REPORTS

- ETA-17/0592

Installation guide movie





Rawlplug code	Fixing			Fixture Recommended thickness		Quantity		
	Diameter	Length	Plate diameter			Box	Outer	Pallet
	mm	mm	mm	A,B, C, D	E	pcs	pcs	pcs
R-TFIX-8M-135	8	135	60	100	60	200	200	8000
R-TFIX-8M-155	8	155	60	120	80	200	200	6400
R-TFIX-8M-175	8	175	60	140	100	200	200	6400
R-TFIX-8M-195	8	195	60	160	120	200	200	6400
R-TFIX-8M-215	8	215	60	180	140	100	100	4000
R-TFIX-8M-235	8	235	60	200	160	100	100	4000
R-TFIX-8M-255	8	255	60	220	180	100	100	4000
R-TFIX-8M-275	8	275	60	240	200	100	100	4000
R-TFIX-8M-295	8	295	60	260	220	100	100	4000

MBA / MBA-SS METAL FAÇADE FIXING

Fire-resistant metal insulation fixing

RT-SDSA
Drill bits Aggressor SDS plus

RT-SDSB
Drill bits Brickdrill SDS plus

RT-SDSR
Drill bits Rebardrill SDS plus

R-HDH-0600
Dead Blow Hammer

FEATURES AND BENEFITS

- Metal façade fixing, recommended for use when fire resistance (F120) is a requirement
- Stainless steel material for high corrosion resistance
- Fast and simple hammer-set installation reduces working times.
- Extensive dimensional range allows anchorage of insulation boards up to 250mm thick
- Accessory spreader plate, MKC (85mm diameter) also available for installation of soft insulation materials such as mineral wool.

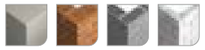
APPLICATIONS

- Mineral wool
- Glass wool
- Lightweight wood wool building boards
- Lightweight recycled panels
- Polystyrene (EPS) boards
- Polyurethane (PU) boards

BASE MATERIALS

Approved for use in:

- Concrete C12/15-C50/60 (Use category A)
- Solid Brick (Use category B)
- Solid Sand-lime Brick (Use category B)
- Aerated Concrete Block (Use category E)



APPROVALS AND REPORTS

VERSION

- MBA - Steel
- MBA-SS - Stainless steel

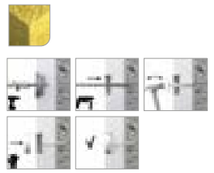
RELATED PRODUCT

- MKC Washers

Rawlplug code	Fixing			Fixture Recommended thickness	Quantity		
	Diameter	Length	Plate diameter		Box	Outer	Pallet
	mm	mm	mm		pcs	pcs	pcs
MBA Metal façade fixing							
MBA-08090	8	90	40	40	250	250	4000
MBA-08110	8	110	40	60	250	250	4000
MBA-08140	8	140	40	90	250	250	4000
MBA-08170	8	170	40	120	250	250	4000
MBA-08200	8	200	40	150	250	250	4000
MBA-08250	8	250	40	200	125	125	4000
MBA-08300	8	300	40	250	125	125	5000
MBA-SS Stainless steel façade fixing							
MBA-SS-08090	8	90	40	40	250	250	4000
MBA-SS-08110	8	110	40	60	250	250	4000
MBA-SS-08140	8	140	40	90	250	250	4000
MBA-SS-08170	8	170	40	120	250	250	4000
MBA-SS-08200	8	200	40	150	250	250	4000
MBA-SS-08250	8	250	40	200	125	125	4000
MBA-SS-08300	8	300	40	250	125	125	4000

RELATED PRODUCTS

Counterbore cutter
R-KFS-90/20



Washers
MKC / MKC-SS

R-KFS-90/20 COUNTERBORE CUTTER

Cutter accessory for counterbored installation of MBA with MKC

R-KFS-90/20

FEATURES AND BENEFITS

- Precise tool construction allows to cut polystyrene, polyurethane and mineral wool boards
- Countersunk installation (with post-installed insulation cap) reduces heat transmission and results in a homogenous insulation surface
- Cost-saving solution, as countersunk installation allows selection of shorter fixings

APPLICATIONS

- External Thermal Insulation
- Mineral wool (MW) boards

BASE MATERIALS

Approved for use in:

- Mineral Wool Boards

Rawlplug code	Fixing [mm]		Quantity [pcs]		
	Plate diameter	Length	Box	Outer	Pallet
R-KFS-90/20	90	20	1	1	-

MKC / MKC-SS WASHERS

Metal washer for use in combination with metal façade fixings from MBA range

MKC/MKC-SS

FEATURES AND BENEFITS

- Fire resistant washer
- Washer to suit all types of compressible thermal insulation materials
- Quick and easy application
- A versatile solution for many insulation scenarios.

APPLICATIONS

- Mineral wool
- Glass wool
- Lightweight wood wool building boards
- Lightweight recycled panels
- Polystyrene (EPS) boards
- Polyurethane (PU) boards

BASE MATERIALS

Approved for use in:

- Concrete C12/15-C50/60 (Use category A)
- Solid Brick (Use category B)
- Solid Sand-lime Brick (Use category B)
- Aerated Concrete Block (Use category E)

APPROVALS AND REPORTS

VERSION

- MKC - Steel
- MKC-SS - Stainless steel

Rawlplug code	Diameter	Internal diameter	Thickness	Length	Quantity		
					Box	Outer	Pallet
	mm	mm	mm	mm	pcs	pcs	pcs
MKC-85	85	14.5	0.5	2.8	250	250	12500
MKC-SS-85	85	14.5	0.5	2.8	250	250	12500

KCX TUBED INSULATION WASHER

Insulation washer with integral cap suitable for attachment of insulation layers to wooden and sheet metal substrates

KCX

FEATURES AND BENEFITS

- Recommended for the attachment of ETICS to wooden substrates using UC screws, or to sheet metal using WB screws (allows setting without pre-drilling, thus saving a stage of installation)
- Special design of integral fastener cap allows reduction of thermal bridges to 0,001W/K
- Design with long tube allows to use short length of the screw for best cost effective solution to fix large insulation thickness.
- Consistent and reliable holding force
- Quick, simple and clean installation.
- Can be used in combination with additional KWL plate - 90, 110 or 140mm diameter

APPLICATIONS

- External Thermal Insulation Composite Systems (ETICS)

BASE MATERIALS

Approved for use in:

- Metal Sheet & Profiles
- Wood
- Timber
- Chipboard

Also suitable for use in:

- Plastic

Installation guide movie

Rawlplug code	Length	Quantity		
		Box	Outer	Pallet
	mm	pcs	pcs	pcs
KCX-055	55	400	400	9600
KCX-105	105	250	250	3600
KCX-165	165	150	150	6000
KCX-CAP-105	105	250	250	70500
KCX-CAP-165	165	150	150	70500

R-KC INSULATION WASHERS

Insulation washer with integral cap suitable for attachment of insulation layers to wooden and sheet metal substrates

R-KC

R-KC INSULATION WASHERS

FEATURES AND BENEFITS

- Recommended for the attachment of ETICS to wooden substrates using UC screws, or to sheet metal using R-WB screws.
- Special design of integral fastener cap allows reduction of thermal bridges.
- Consistent and reliable holding force.
- Quick, simple and clean installation.
- Can be used in combination with additional KWL plate - 90, 110 or 140mm diameter.

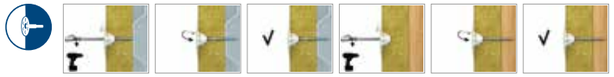
APPLICATIONS

- External Thermal Insulation Composite Systems (ETICS)
- Polystyrene (EPS) boards
- Mineral wool
- Polyurethane (PU) boards

BASE MATERIALS

Approved for use in:

- Metal Sheet & Profiles
- Wood



Rawlplug code	Quantity		
	Box	Outer	Pallet
	pcs	pcs	pcs
R-KC	200	200	22 400

R-DB CEILING SCREW-IN SOLUTION WITH WASHER

Screw-in system for fastening ceiling and acoustic insulation boards

R-DB

FEATURES AND BENEFITS

- Steel sheet coated with polyurethane
- Easy removable solution helps to replace the insulation board if necessary
- Screw for concrete substrates, TX25 head. Shape and type of the thread specially design to allow connecting to concrete and wood.
- Screw has special zink flake corrosion-resistant coating for anti-corrosion protection.
- The drill point is designed to provide a fast and hassle-free installation in the steel. Sharp point of the drill prevents movement of the surface of the fixture.
- Wide retaining plate improve pull-through insulation loads for the fixing point
- Flange ensures flush fit to insulation surface.

APPLICATIONS

- Thermal and acoustic insulation
- Ceiling and acoustic insulation boards
- Mineral wool (MW) boards

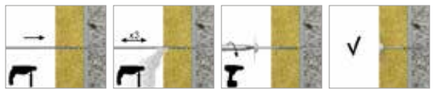
BASE MATERIALS

Approved for use in:

- Concrete C20/25-C50/60

APPROVALS AND REPORTS

- Z-21.8-2077

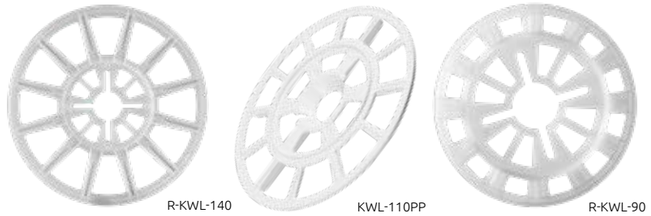


Rawlplug code	Fixing	Hole diameter	Thickness	Quantity [pcs]		
	Plate diameter [mm]	mm	mm	Box	Outer	Pallet
R-DB-Z	70	6.5	0.8	100	800	25600
R-DB-Z-FL	70	6.5	0.8	100	800	25600

R-DB CEILING SCREW-IN SOLUTION WITH WASHER (cont.)

Size	Rawlplug code	Screw Length	Drill Diameter	Embedment depth	Screw drive	Quantity Box	Quantity Outer
		mm	mm			pcs	pcs
Ø6.1	R-WBT-61050	50	5	30	TX25	100	1600
	R-WBT-61075	75	5	30	TX25	100	1600
	R-WBT-61090	90	5	30	TX25	100	1600
	R-WBT-61100	100	5	30	TX25	100	1600
	R-WBT-61120	120	5	30	TX25	100	1200
	R-WBT-61140	140	5	30	TX25	100	1200
	R-WBT-61160	160	5	30	TX25	100	1200
	R-WBT-61180	180	5	30	TX25	100	100
	R-WBT-61200	200	5	30	TX25	100	800
	R-WBT-61220	220	5	30	TX25	100	100
	R-WBT-61240	240	5	30	TX25	100	100
	R-WBT-61260	260	5	30	TX25	100	800
	R-WBT-61300	300	5	30	TX25	100	500

R-KWL INSULATION RETAINING PLATE



R-KWL-140 KWL-110PP R-KWL-90

R-KWL

FEATURES AND BENEFITS

- Quick and easy application possible with all ETICS fixings
- Nylon versions ideal for enhanced plate stiffness
- Polypropylene standard versions are recommended for cost-effective applications.
- A versatile solution for many insulation scenario.

APPLICATIONS

- External Thermal Insulation Composite Systems (ETICS)
- Polystyrene (EPS) boards
- Mineral wool
- Polyurethane (PU) boards

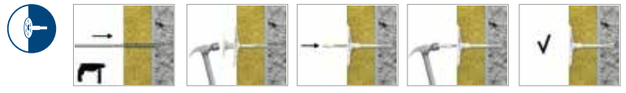
BASE MATERIALS

Approved for use in:

- Polystyrene (EPS) boards
- Mineral Wool Boards

APPROVALS AND REPORTS

- ETA-11/0144
- ETA-13/0592
- ETA-17/0161
- ETA-13/0845

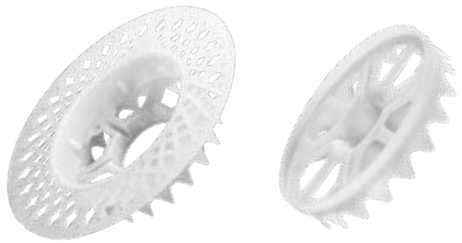


Rawlplug code	Fixing Diameter	Fixing Length	Fixing Plate diameter	Quantity Box	Quantity Outer	Quantity Pallet
	mm	mm	mm	pcs	pcs	pcs
R-KWL-090	90	15	60	200	200	11200
KWL-110PP	110	15	60	200	200	3200
R-KWL-140	140	15	60	200	200	2400

R-KWX

Insulation retaining plate with perforator

Joining retaining plate with perforator for countersunk installation in mineral wool insulation boards



R-KWX

FEATURES AND BENEFITS

- Usage always with screw-in insulation fixing eg. R-TFIX-8SX / KCX
- Wide retaining plate improve pull-through insulation loads for the fixing point
- Allows countersunk installation into all mineral wool-insulation boards with minimal lateral tensile strength and phenolic board
- Accurate countersunk setting automatically sets the fixing flush with the insulation layer
- Permanent contact pressure
- No additional installation tool required
- Quick and easy installation
- Compatible with TFIX-8S-MW insulation cap

APPLICATIONS

- External Thermal Insulation Composite Systems (ETICS)

BASE MATERIALS

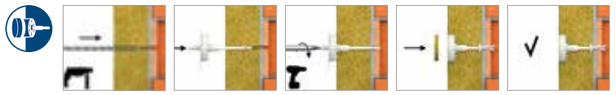
Approved for use in:

- Polystyrene (EPS) boards
- Mineral Wool Boards

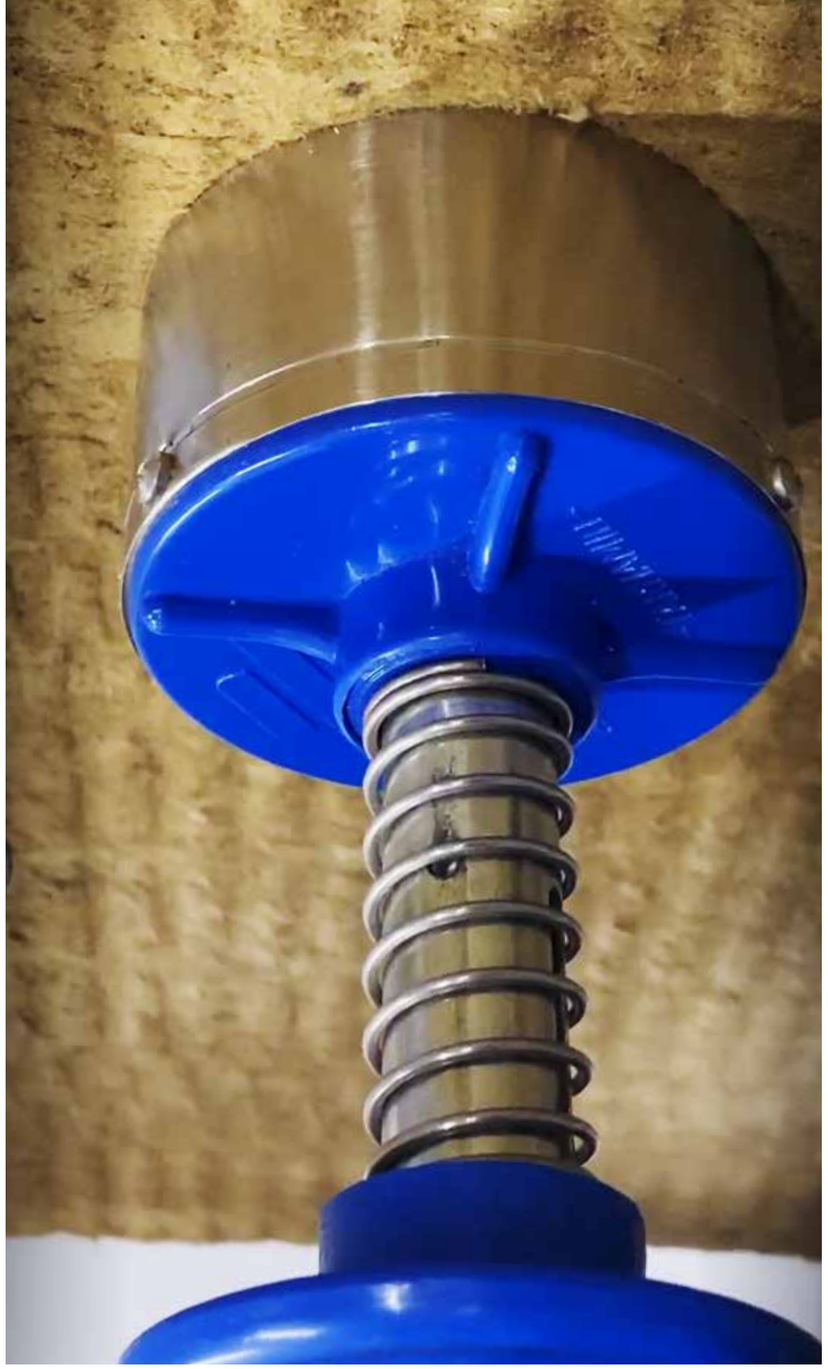
APPROVALS AND REPORTS

- ETA 17/0161

Installation guide movie



Rawlplug code	Fixing [mm]		Quantity [pcs]		
	Plate diameter	Length	Box	Outer	Pallet
R-KWX-63	63.5	16.5	100	100	5600
R-KWX-110	110	13.7	100	100	2400



R-TFIX-CAP-CUTTER

MECHANICAL CUTTER FOR EPS AND MINERAL WOOL

Mechanical cutter for EPS and Mineral Wool

FEATURES AND BENEFITS

- User - friendly - enables fast and easy installation
- Cuts a hole without loss of cap
- Eco friendly product - less thermal insulation waste

APPLICATIONS

- External Thermal Insulation
- Composite Systems (ETICS)
- Polystyrene (EPS) boards
- Mineral wool (MW) boards

BASE MATERIALS

Approved for use in:

- Polystyrene (EPS) Boards
- Mineral Wool Boards

Rawlplug code	Fixing [mm]		Quantity [pcs]		
	Plate diameter	Length	Box	Outer	Pallet
R-TFIX-CAP-CUTTER	70	30	1	16	384

R-KFS

COUNTERBORE CUTTER

Cutter accessory for counterbored installation of any TFIX hammer-in façade insulation fixings

R-KFS-63

R-KFS-63-10

FEATURES AND BENEFITS

- Precise tool construction allows to cut polystyrene, polyurethane and mineral wool boards
- Countersunk installation (with post-installed insulation cap) reduces heat transmission and results in a homogenous insulation surface
- Cost-saving solution, as countersunk installation allows selection of shorter fixings

APPLICATIONS

- External Thermal Insulation
- Composite Systems (ETICS)
- Polystyrene (EPS) boards
- Polyurethane (PU) boards
- Mineral wool (MW) boards

BASE MATERIALS

Approved for use in:

- Polystyrene (EPS) Boards
- Mineral Wool Boards
- Extruded Polystyrene (XPS) Boards

Rawlplug code	Fixing [mm]		Quantity [pcs]		
	Plate diameter	Length	Box	Outer	Pallet
R-KFS-63	63.0	10	1	16	384
R-KFS-63/10	63.0	10	1	16	384

R-TFIX-TOOL-CSM

SETTING TOOL FOR R-TFIX-8S-...-X

NEW PRODUCT

TX40 Setting tool for countersunk installation of screw-in fixing

R-TFIX-TOOL-CSM

Installation guide movie

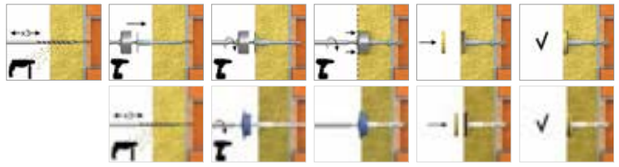
FEATURES AND BENEFITS

- User-friendly - enables fast and easy installation
- Ideal design of TX40 bit perfect suited to the screw-in R-TFIX-8SX allows easy and stable installation
- Setting tool facilitates optimum R-TFIX-8SX countersunk installation, for the perfect flush with the surface of the insulation it is necessery to use additional insulation cap R-TFIX-CAP63
- Countersunk installation (with post-installed insulation cap) reduces heat transmission and results in a homogenous insulation surface
- TX-40 bit type

BASE MATERIALS

Approved for use in:

- Polystyrene (EPS) Boards
- Mineral Wool Boards



Rawlplug code	Size [mm]		Quantity [pcs]	
	Diameter	Length	Box	Outer
R-TFIX-TOOL-CSM	63	38	1	12
R-TFIX-TOOL-CSMBIT	TX 40	92.5	1	1

R-TFIX-TOOL-GREY

SETTING TOOL FOR R-TFIX-8S-...-X

TX40 Setting tool with integrated disc for surface installation of screw-in fixing R-TFIX-8SX, setting the flange flush with the surface of the insulation

Installation guide movie

FEATURES AND BENEFITS

- Integrated disc facilitates optimum R-TFIX-8SX countersunk installation
- Ideal design of TX40 bit perfect suited to the screw-in R-TFIX-8SX allows easy installation
- User-friendly - enables fast and easy installation
- TX-40 bit type

BASE MATERIALS

Rawlplug code	Size [mm]		Quantity [pcs]	
	Diameter	Embedment depth	Box	Outer
R-TFIX-TOOL-GREY	90	35	1	16

R-TFIX-TOOL-BLACK

SETTING TOOL FOR R-TFIX-8S-...-X

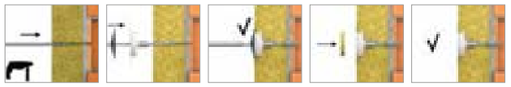
TX40 Setting tool with integrated disc for countersunk installation of screw-in fixing R-TFIX-8SX

FEATURES AND BENEFITS

- Integrated disc facilitates optimum R-TFIX-8S-PS countersunk installation, for the perfect flush with the surface of the insulation it is necessery to use additional insulation cap R-TFIX-CAP63
- Ideal design of TX40 bit perfect suited to the screw-in R-TFIX-8S-PS allows easy and stable installation
- User-friendly - enables fast installation
- TX-40 bit type

BASE MATERIALS

Installation guide movie



Rawlplug code	Size [mm]		Quantity [pcs]	
	Diameter	Embedment depth	Box	Outer
R-TFIX-TOOL-BLACK	90	45	1	16

R-TFIX-TOOL-RED

SETTING TOOL FOR R-TFIX-S

TX40 Setting tool with integrated disc for surface installation of screw-in fixing R-TFIX-8S

FEATURES AND BENEFITS

- Integrated disc facilitates optimum R-TFIX-8S surface installation, setting the flange flush with the surface of the insulation
- Ideal design of TX40 bit perfect suited to the screw-in R-TFIX-8S allows easy and stable installation
- User-friendly - enables fast and easy installation
- TX-40 bit type

BASE MATERIALS

Installation guide movie

Rawlplug code	Size [mm]		Quantity [pcs]	
	Diameter	Embedment depth	Box	Outer
R-TFIX-TOOL-RED	90	8	1	16

R-TFIX-TOOL-GREEN

SETTING TOOL FOR R-TFIX-S

TX40 Setting tool with integrated disc for countersunk installation of screw-in fixing R-TFIX-8S

FEATURES AND BENEFITS

- Integrated disc facilitates optimum R-TFIX-8S countersunk installation, for the perfect flush with the surface of the insulation it is necessery to use additional insulation cap R-TFIX-CAP63.
- Ideal design of TX40 bit perfect suited to the screw-in R-TFIX-8S allows easy and stable installation
- User-friendly - enables fast and easy installation
- TX-40 bit typ

BASE MATERIALS

Installation guide movie

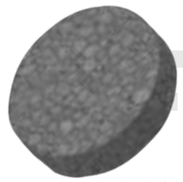
Rawlplug code	Size [mm]		Quantity [pcs]	
	Diameter	Embedment depth	Box	Outer
R-TFIX-TOOL-GREEN	90	18	1	16

R-TFIX-CAP

INSULATION CAPS

Post-installed EPS polystyrene cap reduces heat transmission and results in a homogenous insulation surface

White Polystyrene



Grey Polystyrene

Mineral Wool

FEATURES AND BENEFITS

- Post-installed cap reduces heat transmission at fixing points
- Results in homogeneous and smooth insulation surface
- Cost-saving solution, as countersunk installation allows selection of shorter fixings
- Quick and easy application

APPLICATIONS

- Façade construction (ETICS)
- Polystyrene boards
- Polyurethane boards
- Mineral wool

BASE MATERIALS

APPROVALS AND REPORTS

- ETA-17/0161

Rawlplug code	Material	Size [mm]		Quantity [pcs]	
		Diameter	Embedment depth	Box	Outer
R-TFIX-CAP63-EPS-G	polystyrene (grey)	63	10	100	100
R-TFIX-CAP63-EPS-W	polystyrene (white)	63	10	100	100
R-TFIX-CAP63-MW	mineral wool	63	10	100	100
R-TFIX-CAP90-MW	mineral wool	90	20	500	500

R-TFIX-CAP15

INSULATION CAPS

Post-installed EPS polystyrene cap reduces heat transmission

FEATURES AND BENEFITS

- Post-installed cap reduces heat transmission at fixing points

APPLICATIONS

- Façade construction (ETICS)
- Polystyrene boards
- Mineral wool (MW) boards
- Polyurethane boards

BASE MATERIALS

APPROVALS AND REPORTS

- ETA-17/0161

R-TFIX-CAP15 INSULATION CAPS cont.

Rawlplug code	Material	Size [mm]		Quantity [pcs]	
		Diameter	Embedment depth	Box	Outer
R-TFIX-CAP15-EPS-G	polystyrene (grey)	15	10	100	100
R-TFIX-CAP15-EPS-W	polystyrene (white)	15	10	100	100

R-ISO-PLUG INSULATION FIXINGS

For fastening lightweight fixtures on insulated façades

ISO-PLUG 50 ISO-PLUG 80

FEATURES AND BENEFITS

- No thermal bridging.
- Can be installed with commercial drill/drive tool.
- The geometry of the R-ISO-PLUG allows for a simple installation in thin layers of plaster, without the need for pre-drilling, thus saving a stage of installation
- Fixtures are fixed with a 4 - 4.5mm screw

APPLICATIONS

- Façade construction (ETICS)
- Attachments to insulation
- Lightweight recycled panels
- Electrical fittings
- Refrigeration and climate control

BASE MATERIALS

Approved for use in:

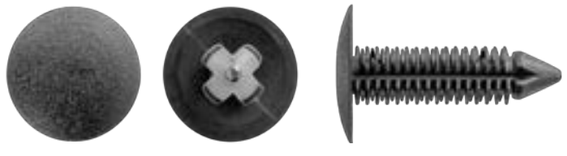
- Polystyrene (EPS) boards
- Mineral Wool Boards

Installation guide movie

Rawlplug code	Fixing	Recommended screw diameter	Quantity [pcs]	
	Length [mm]		Box	Outer
R-ISO-PLUG-50	55	4.0 - 5.0	50	600
R-ISO-PLUG-80	85	6.0 - 7.0	40	300

FTF FIR TREE FIXING

Firtree Fixings securely hold back surface mounted beads through the reinforcement coat and into the insulation



FEATURES AND BENEFITS

- The button contracts on entry and then relaxes to secure the two panels.
- Simple and quick to install.
- Plastic ribs on the fir tree fastener flex inwards as the item is pushed into place and then relax to grip the sides of the hole into which it has been inserted. This forms a secure fastening in the panel or sheet.

APPLICATIONS

Approved for use in:

- Polystyrene (EPS) Boards
- Mineral Wool Boards

BASE MATERIALS

FTF FIR TREE FIXING

Rawlplug code	Plug	Length	Diameter	Quantity	
	Diameter			Box	Outer
	mm	mm	mm	pcs	pcs
FTF-PA	18	29	7.5	1000	1000

R-HR SCAFFOLDING EYEBOLT

The ideal interaction of the scaffold eyebolt and R-HRK plug allows for a high load-bearing capacity, thus providing increased safety

FEATURES AND BENEFITS

- The high-quality weld stops the eye from opening.
- In order to achieve the maximum load-bearing capacity, nylon plugs should only be used once

APPLICATIONS

- Scaffolding

BASE MATERIALS

Suitable for use in:

- Concrete
- Solid Brick
- Natural Stone (after site testing)
- Solid Sand-lime Brick
- Vertically-perforated Clay Block

Rawlplug code	Diameter	Lenght	Quantity	
			Box	Outer
	mm	mm	pcs	pcs
R-HR-12120	12	120	25	25
R-HR-12160	12	160	25	25
R-HR-12190	12	190	25	25
R-HR-12230	12	230	25	25
R-HR-12300	12	300	25	25
R-HR-12350	12	350	25	25

Roofing insulation fixings

Overview of roofing insulation fixings	**330**
Telescopic sleeves	**333**
Roofing screws	**334**
Roofing washers	**337**
Roofing selector	**339**

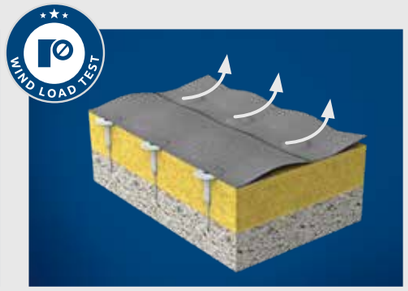
RAWLPLUG®

100 YEARS OF EXPERTISE IN FIXINGS, FASTENERS AND TOOLS

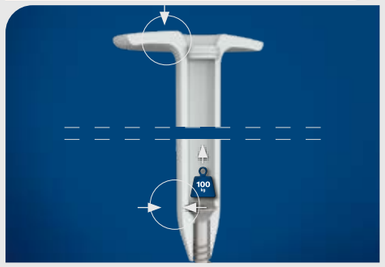
EXCELLENT RESISTANCE FOR HIGH LOADS

10 BENEFITS OF THE RAWLPLUG ROOFING SYSTEM

ETA APPROVED

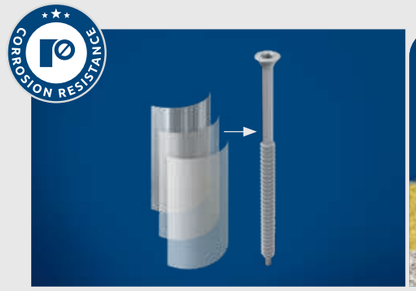


BEST PERFORMANCE CONFIRMED IN WIND-LOAD TESTS



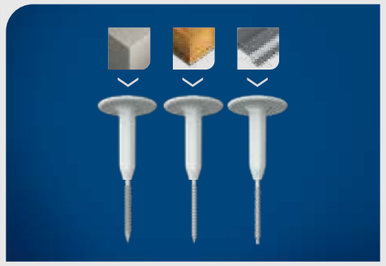
HIGH IMPACT RESISTANCE

USER FRIENDLY INSTALLATION



HIGH CORROSION RESISTANCE–15 KESTERNICH CYCYLES

LONG-TERM USE GUARANTEE

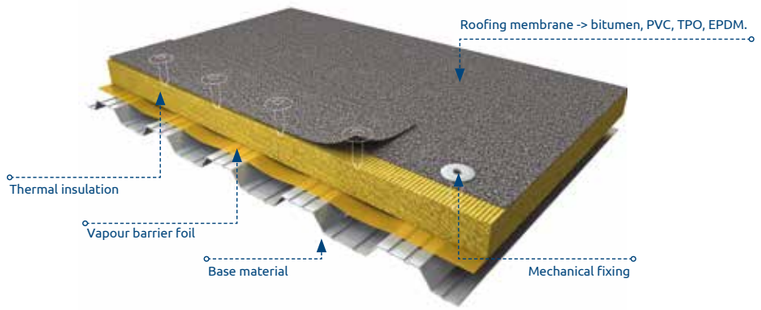


FOR ALL SUBSTRATES

WIDE RANGE OF SIZE COMBINATIONS & ACCESSORIES

ROOFIX CALCULATION SOFTWARE

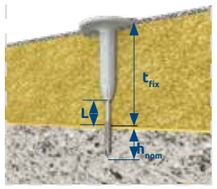
SYSTEM APPROVED AND RECOMMENDED BY TOP CLASS ROOFING SYSTEMS



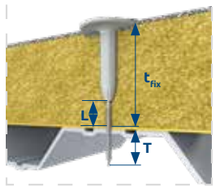
LAYERS OF A TYPICAL ROOFING INSULATION SYSTEM

TELESCOPIC SLEEVES & WASHERS	TELESCOPIC SLEEVES GOK	
	WASHERS - FLAT VERSION R-POK-040-ALZN / R-POK-041-ALZN / R-POK-06 / R-POW-07-ALZN	
	WASHERS - DEEP VERSION R-POW-05-ALZN	

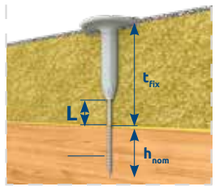
SIZE	SCREW LENGTH [MM]	50-300	28-260	80-220	50-300	60-300	25-90
	SCREW THREAD DIAMETER [MM]	6.1	6.3	4.8	4.8	4.8	5.0
	TELESCOPIC RANGE [MM]	35-725	-	-	35-725	35-725	35-725



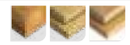
Recommendation for the selection of roofing fixings in concrete:
Total length (assembled sleeve + screw) = min. t_{fix}+35-45 mm
L = 10% insulation thickness but not less than 15 mm
h_{nom} = min. 20/30 mm (see data tables)



Recommendation for the selection of roofing fixings in steel sheet:
Total length (assembled sleeve + screw) = min. t_{fix}+30-35 mm
L = 10% insulation thickness but not less than 15 mm
T = min. 15-20 mm



Recommendation for the selection of roofing fixings in timber:
Total length (assembled sleeve + screw) = min. t_{fix}+40 mm
L = 10% insulation thickness but not less than 15 mm
h_{nom} = min. 24 mm (OSB & Plywood differ)

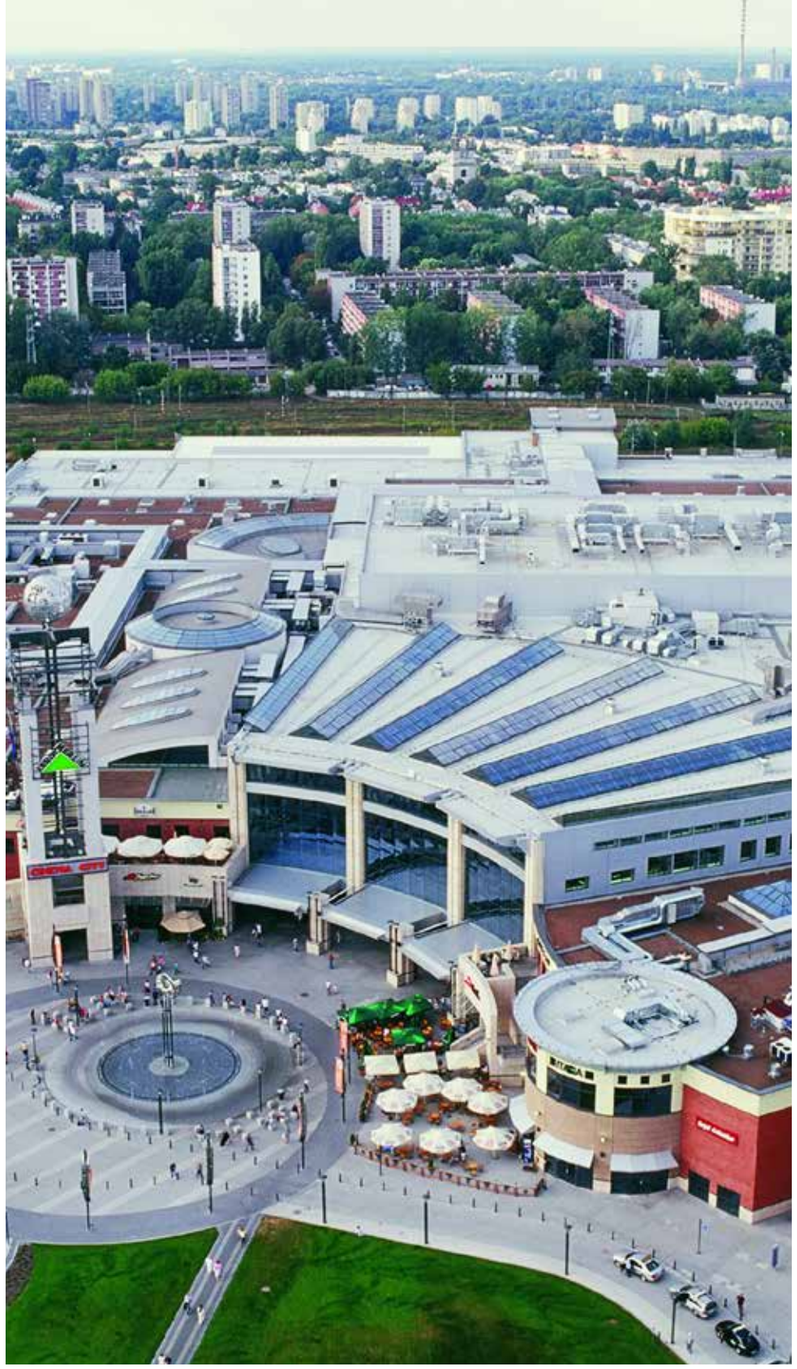
	R-WBT	R-WCS	R-WB	R-WX	R-WO	R-WW
						
	✓	-	-	✓	✓	✓
	✓	✓	-	✓	✓	✓
	✓	-	✓	✓	✓	✓

Use the e-learning training or sign up for our hands -on training.

www.rawlplug.com

Fixing Range

	ROOFING SCREWS		R-WBT	R-WCS	R-WX	R-WO	R-WW
TELESCOPIC TUBES & WASHERS	R-GOK-N, R-GOK		V	-	V	V	V
	R-POK-040-ALZN R-POK-041-ALZN R-POK-06-ALZN		V	V	V	V	V
	R-POW-05-ALZN		V	-	V	V	V
	R-POW-07-ALZN		V	V	V	V	V
SIZE	SCREW LENGTH [mm]		50-300	28-260	50-300	60-300	25-90
	SCREW THREAD DIAMETER [mm]		6.1	6.3	4.8	4.8	5.0
	TELESCOPIC RANGE [mm]		35-725	-	35-725	35-725	35-725
BASE MATERIALS	CONCRETE		V	V	-	WO +K08L	-
	THIN-WALLED CONCRETE SLABS		V	V	-	-	-
	STEEL		-	-	V	V	-
	TIMBER		V	-	-	V	V
	ORIENTED STRAND BOARD		V	-	-	V	V
	PLYWOOD		V	-	-	V	V
APPROVALS	ETA CE		V	V	V	V	V
			V	V	V	V	-



R-GOK ROOF INSULATION SLEEVE

COMBINED WITH A SCREW

Unique lenticular disc design, including a very large radius of joint with the sleeve, for the highest impact resistance of the fixing and durability at any temperature, either negative or positive

EasyFix **our unique proprietary program**, can optimise every selection of roof insulation fixings to match the specific needs of a given building based on Eurocode 1, considering its location, construction, and inclination of thermal insulation panels. In order to order the optimisation, go to www.rawlplug.com/services

Superior mechanical strength confirmed **by dynamic wind tests**

The sleeve's unique inner structure enables stable **pre-installation of any Rawlplug roof insulation fixing paired with such a sleeve**, which reduces installation time significantly

Sharpened sleeve tip for easy membrane perforation

All roofing screws from Rawlplug feature corrosion protection corresponding to 15 Kesternich cycles as per the ETAG006 guidelines

Top-quality, pure, impact resistant material of the sleeve guarantees high impact resistance and stability of the fixing over the roof lifetime and the product's service life of 25 years

R-GOK TELESCOPIC SLEEVE WITH ROUND PLATE

NEW

Telescopic sleeve for flat roof insulation fixings.
Combined together with the corresponding screw allows application in all types of substrates.

R-GOK

FEATURES AND BENEFITS

- Impact-resistant material used ensures constant mechanical properties over the lifetime of a roof. Also, retains its properties over a wide temperature range
- Round plate eliminates the need of positioning the fixing during the installation, the bottom part of the connection sleeve is designed to carry very heavy loads during operation of the roof
- Internal sleeve design allows pre-assembly with any Rawlplug roofing screw, shortening installation
- The lower part of the connector telescope has been designed in the shape of a cone with an optimum angle of inclination which significantly affects the speed of its installation
- Guarantees the highest load capacity of the roof construction for both static and dynamic loads in accordance with ETAG006

APPLICATIONS

- Mechanically fastened flexible roof waterproofing membrane

BASE MATERIALS

Approved for use in:

- Concrete
- Concrete Slab
- Metal Sheet & Profiles
- Timber
- Plywood
- Chipboard

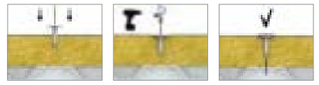
APPROVALS AND REPORTS

- ETA-09/0346

VERSION

- GOK - Polypropylene
- GOK-N - Nylon

Installation guide movie



Rawlplug code	Plastic sleeve		Quantity	
	Diameter	Length	Box	Outer
	mm	mm	pcs	pcs
R-GOK-035	15,5	35	600	600
R-GOK-065	15,5	65	400	400
R-GOK-085	15,5	85	300	300
R-GOK-105	15,5	105	250	250
R-GOK-135	15,5	135	200	200
R-GOK-165	15,5	165	150	150
R-GOK-185	15,5	185	100	100
R-GOK-225	15,5	225	100	100
R-GOK-255	15,5	255	75	75
R-GOK-285	15,5	285	75	75
R-GOK-325	15,5	325	50	50
R-GOK-425	15,5	425	50	50
R-GOK-525-N	15.5	525	50	50
R-GOK-625-N	15.5	625	50	50
R-GOK-725-N	15.5	725	50	50

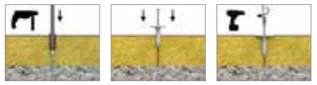
R-WBT SCREW FOR CONCRETE

Screw for concrete substrates, TX25 head.
Shape and type of the thread specially design to allow connecting to concrete and wood.

R-WBT

FEATURES AND BENEFITS

- Hardened thread surface
- High quality anti-corrosion coating guarantees resistance of 15 Kesternich cycles
- Shape and type of the thread specially design to allow connecting to concrete and wood
- The drill point is designed to provide a fast and hassle-free installation. Sharp point of the drill prevents movement of the surface of the fixture
- Pre-assembly with other component is possiblebefore installation



APPLICATIONS

- Insulation materials in flat roof applications in conjunction with telescopic connector and steel washer

BASE MATERIALS

Approved for use in:

- Concrete
- Concrete Slab
- Timber

APPROVALS AND REPORTS

- ETA-09/0346

Installation guide movie

Rawlplug code	Fixing		TX	Quantity	
	Length	Diameter		Box	Outer
	mm	mm		pcs	pcs
R-WBT-61050	50	6,1	TX25	100	1600
R-WBT-61075	75	6,1	TX25	100	1600
R-WBT-61090	90	6,1	TX25	100	1600
R-WBT-61100	100	6,1	TX25	100	1200
R-WBT-61120	120	6,1	TX25	100	1200
R-WBT-61140	140	6,1	TX25	100	1200
R-WBT-61160	160	6,1	TX25	100	100
R-WBT-61180	180	6,1	TX25	100	800
R-WBT-61200	200	6,1	TX25	100	100
R-WBT-61220	220	6,1	TX25	100	100
R-WBT-61240	240	6,1	TX25	100	800
R-WBT-61260	260	6,1	TX25	100	500
R-WBT-61300	300	6,1	TX25	100	500

R-WCS SCREW FOR CONCRETE

Screw for concrete substrates, HEX head. Specially designed thread for fastening to concrete.

R-WCS

FEATURES AND BENEFITS

- Hardened thread surface
- High quality anti-corrosion coating guarantees resistance of 15 Kesternich cycles
- Shape and type of the thread specially design to allow connecting to concrete
- Sharp point of the drill prevents movement of the surface of the fixture

APPLICATIONS

- Speedy anchoring of different kind of material in concrete on roofs and façades

BASE MATERIALS

Approved for use in:

- Concrete
- Concrete Slab

APPROVALS AND REPORTS

- ETA-09/0346

Installation guide movie

R-WCS SCREW FOR CONCRETE (cont.)

Rawlplug code	Fixing		Quantity	
	Diameter	Length	Box	Outer
	mm	mm	pcs	pcs
R-WCS-63028*	6.3	28	250	4000
R-WCS-63035*	6.3	35	250	4000
R-WCS-63080*	6.3	80	100	1600
R-WCS-63180	6.3	180	100	800
R-WCS-63230*	6.3	230	100	100
R-WCS-63260	6.3	260	100	100

* The product is available while stocks last

R-WX-T SELF-DRILLING SCREWS FOR STEEL

Screw for trapezoidal steel sheet

R-WX-T

FEATURES AND BENEFITS

- Hardened thread surface
- High quality anti-corrosion coating guarantees resistance of 15 Kesternich cycles
- Shape and type of the thread specially design to allow connecting to metal sheets
- The drill point is designed to provide a fast and hassle-free installation. Sharp point of the drill prevents movement of the surface of the fixture
- Reduced drilling point ensures optimal tightness and correct hole diameter in thin metal sheets.
- Pre-assembly with other components is possible before installation

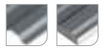
APPLICATIONS

- Insulation layers on flat roofs together with a appropriate telescopic or steel washer

BASE MATERIALS

Approved for use in:

- Metal Sheet & Profiles



APPROVALS AND REPORTS

- ETA-09/0346

Installation guide movie

Rawlplug code	Fixing		Quantity	
	Diameter	Length	Box	Outer
	mm	mm	pcs	pcs
R-WX-48T050	4.8	50	250	3000
R-WX-48T060	4.8	60	250	3000
R-WX-48T070	4.8	70	250	3000
R-WX-48T080	4.8	80	250	3000
R-WX-48T100	4.8	100	200	2400
R-WX-48T120	4.8	120	200	2400
R-WX-48T140	4.8	140	200	2400
R-WX-48T160	4.8	160	100	1200
R-WX-48T180	4.8	180	100	800
R-WX-48T200	4.8	200	100	800
R-WX-48T240	4.8	240	100	800
R-WX-48T300	4.8	300	100	500

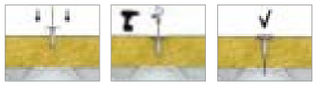
R-WO-T SCREWS FOR STEEL

Screw for trapezoidal steel sheet substrate; max thickness of 0.9mm, TX25 drive

R-WO-T

FEATURES AND BENEFITS

- Hardened thread surface
- High quality anti-corrosion coating guarantees resistance of 15 Kesternich cycles
- Shape and type of the thread specially design to allow connecting to metal sheets and wood
- The drill point is designed to provide a fast andhassle-free installation. Sharp point of the drill prevents movement of the surface of the fixture
- Pre-assembly with other components is possible before installation



APPLICATIONS

- Insulation layers on flat roofs together with a appropriate telescopic or steel washer

BASE MATERIALS

Approved for use in:

- Metal Sheet & Profiles
- Timber
- Chipboard
- Oriented Strand Board

APPROVALS AND REPORTS

- ETA-09/0346

Installation guide movie

Rawlplug code	Fixing		Quantity	
	Diameter	Length	Box	Outer
	mm	mm	pcs	pcs
R-WO-48T060	4,8	60	250	4000
R-WO-48T080	4,8	80	250	3000
R-WO-48T100	4,8	100	200	2400
R-WO-48T120	4,8	120	200	3200
R-WO-48T140	4,8	140	200	2400
R-WO-48T160	4,8	160	100	1200
R-WO-48T180	4,8	180	100	100
R-WO-48T200	4,8	200	100	100
R-WO-48T240	4,8	240	100	500
R-WO-48T300	4,8	300	100	500

R-WW-T SCREWS FOR TIMBER

Shape and type of the thread specially designed for fixing to wood, TX25 drive

R-WW-T

FEATURES AND BENEFITS

- Hardened thread surface
- High quality anti-corrosion coating guarantees resistance of 15 Kesternich cycles
- The shape and type of screw's thread is designed specifically for connecting to wood.
- The drill point is designed to provide a fast and hassle-free installation. Sharp point of the drill prevents movement of the surface of the fixture
- Pre-assembly with other components is possible before installation

APPLICATIONS

- Insulation materials in flat roof applications in conjunction with telescopic connector and steel washer

BASE MATERIALS

Approved for use in:

- Timber
- Plywood
- Chipboard
- Oriented Strand Board

APPROVALS AND REPORTS

- ETA-09/0346

Installation guide movie

R-WW-T SCREWS FOR TIMBER (cont.)

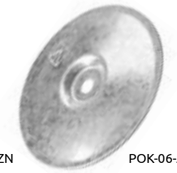
Rawlplug code	Fixing		Quantity	
	Diameter	Length	Box	Outer
	mm	mm	pcs	pcs
R-WW-50T25	5.0	25	500	8000
R-WW-50T35	5.0	35	500	8000
R-WW-50T45	5.0	45	250	4000
R-WW-50T55	5.0	55	200	3200
R-WW-50T75	5.0	75	100	1600
R-WW-50T90	5.0	90	100	1600

R-POK STEEL WASHERS

Steel washer with special form for roofing applications, for use with all types of roofing screws

R-POK-040-ALZN

R-POK-041-ALZN



POK-06-ALZN

R-POK

FEATURES AND BENEFITS

- Aluzinc coating for corrosion resistance
- Formed profile for added stiffness
- Ideal for rigid insulation

APPLICATIONS

- Mechanically fastened flexible roof waterproofing membrane

BASE MATERIALS

Approved for use in:

- Metal Sheet & Profiles
- Timber
- Chipboard
- Plywood
- Concrete
- Concrete Slab

APPROVALS AND REPORTS

- ETA-09/0346

Rawlplug code TX25	Corrosion Category	Aluminum washer	Quantity		
		Hole diameter	Box	Outer	Pallet
		mm	pcs	pcs	pcs
R-POK-040-ALZN	C4	2,5	1000	1000	54000
R-POK-041-ALZN	C4	7	1300	1300	18000
R-POK-06-ALZN	C2	7	100	100	18000

R-POW-05, R-POW-07 OVAL STEEL WASHERS

Steel washer with special form for roofing applications, for use with all types of roofing screws

R-POW-05-ALZN

R-POW-07-ALZN

R-POW-05, R-POW-07

R-POW-05, R-POW-07 OVAL STEEL WASHERS (cont.)

FEATURES AND BENEFITS

- Deep shape of the washer in connection with WB double-threaded screw is the solution for installation of roofing membrane system to steel sheet
- Oval washer made of aluminum and zinc sheet, which ensures a very high resistance against corrosion

APPLICATIONS

- Systems of mechanically fastened flexible roof waterproofing membrane

BASE MATERIALS

Approved for use in:

- Metal Sheet & Profiles
- Timber
- Chipboard
- Plywood
- Oriented Strand Board
- Concrete and Concrete Slab

APPROVALS AND REPORTS

- ETA-09/0346

Rawlplug code TX25	Aluminum washer			Quantity		
	Hole diameter	Length	Width	Box	Outer	Pallet
	mm	mm	mm	pcs	pcs	pcs
R-POW-05-ALZN	5	82	40	100	100	16100
R-POW-07-ALZN	7	82	40	100	100	36000

K08L EXPANSION PLUG

Easy-to-install plug giving exceptional performance in solid base materials

FEATURES AND BENEFITS

- Suitable for fixing insulation materials to concrete in flat roofs applications in conjunction with WO screws
- Anti-rotation fins prevent spinning during tightening of the screw.
- Engineered grip feature for extra holding power.
- Two-way expansion mechanism providesa strong anchorage in solid base materials

APPLICATIONS

- Systems of mechanically fastened flexible roof waterproofing membrane

BASE MATERIALS

Approved for use in:

- Concrete

Rawlplug code	Fixing		Quantity	
	Diameter	Length	Box	Outer
	mm	mm	pcs.	pcs.
K08L040	8	40	200	2400

ADAPTER-MAG FOR STEEL WASHERS

Adapter for fixing steel washers type: POK-040/POK-041

FEATURES AND BENEFITS

- Special design of the tip assembly guaranteeing quick and firm installation of steel washers in substrates

APPLICATIONS

- Specialized bits dedicated for fixing insulation layers to flat roofs

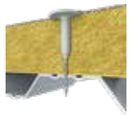
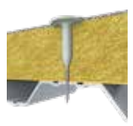
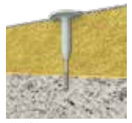
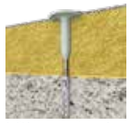
BASE MATERIALS

Approved for use in:

- Concrete
- Metal Sheet & Profiles
- Wood

Rawlplug code	Length	Quantity	Box weight	Outer weight
	[mm]	[pcs]	kg	kg
ADAPTER-MAG-55	550	1	0.05	0.05

FIXING SELECTION ACCORDING TO INSULATION THICKNESS

[mm]	STEEL		CONCRETE		WOOD
	h_{nom} = 0.9 - 2.5mm	h_{nom} = 0.7 - 0.9mm	Self-tapping screws	With expansion plug	Self-tapping screws
	Rawlplug code	Rawlplug code	Rawlplug code	Rawlplug code	Rawlplug code
60	R-GOK-035+R-WX-48T060	R-GOK-035+R-WO-48T060	R-GOK-035+R-WBT-61075	R-GOK-035+R-WO-48080+R-K08L40	R-GOK-035+R-WW-5075
80	R-GOK-065+R-WX-48T050	R-GOK-065+R-WO-48T060	R-GOK-035+R-WBT-61090	R-GOK-065+R-WO-48080+R-K08L40	R-GOK-065+R-WW-5055
100	R-GOK-085+R-WX-48T050	R-GOK-085+R-WO-48T060	R-GOK-085+R-WBT-61050	R-GOK-085+R-WO-48080+R-K08L40	R-GOK-085+R-WW-5055
120	R-GOK-105+R-WX-48T050	R-GOK-105+R-WO-48T060	R-GOK-105+R-WBT-61050	R-GOK-105+R-WO-48080+R-K08L40	R-GOK-105+R-WW-5055
140	R-GOK-105+R-WX-48T070	R-GOK-105+R-WO-48T080	R-GOK-105+R-WBT-61090	R-GOK-135+R-WO-48080+R-K08L40	R-GOK-105-R-WW-5075
160	R-GOK-135+R-WX-48T060	R-GOK-135+R-WO-48T060	R-GOK-135+R-WBT-61075	R-GOK-135+R-WO-48080+R-K08L40	R-GOK-135+R-WW-5075
180	R-GOK-165+R-WX-48T050	R-GOK-165+R-WO-48T060	R-GOK-135+R-WBT-61090	R-GOK-165+R-WO-48080+R-K08L40	R-GOK-165+R-WW-5055
200	R-GOK-185+R-WX-48T050	R-GOK-185+R-WO-48T060	R-GOK-165+R-WBT-61090	R-GOK-185+R-WO-48080+R-K08L40	R-GOK-185+R-WW-5055
220	R-GOK-185+R-WX-48T070	R-GOK-185+R-WO-48T080	R-GOK-185+R-WBT-61090	R-GOK-185+R-WO-48100+R-K08L40	R-GOK-185+R-WW-5075
240	R-GOK-225+R-WX-48T050	R-GOK-225+R-WO-48T060	R-GOK-035+R-WBT-61075	R-GOK-225+R-WO-48080+R-K08L40	R-GOK-225+R-WW-5055
260	R-GOK-225+R-WX-48T070	R-GOK-225+R-WO-48T080	R-GOK-225+R-WBT-61090	R-GOK-225+R-WO-48100+R-K08L40	R-GOK-225+R-WW-5075
280	R-GOK-255+R-WX-48T060	R-GOK-255+R-WO-48T060	R-GOK-255+R-WBT-61075	R-GOK-255+R-WO-48080+R-K08L40	R-GOK-255+R-WW-5075
300	R-GOK-285+R-WX-48T050	R-GOK-285+R-WO-48T060	R-GOK-255+R-WBT-61090	R-GOK-285+R-WO-48080+R-K08L40	R-GOK-285+R-WW-5055
320	R-GOK-285+R-WX-48T070	R-GOK-285+R-WO-48T080	R-GOK-285+R-WBT-61090	R-GOK-285+R-WO-48100+R-K08L40	R-GOK-285+R-WW-5075
340	R-GOK-325+R-WX-48T050	R-GOK-325+R-WO-48T060	R-GOK-285+R-WBT-61100	R-GOK-325+R-WO-48080+R-K08L40	R-GOK-325+R-WW-5055
360	R-GOK-325+R-WX-48T070	R-GOK-325+R-WO-48T080	R-GOK-325+R-WBT-61090	R-GOK-325+R-WO-48100+R-K08L40	R-GOK-325+R-WW-5075
380	R-GOK-325+R-WX-48T100	R-GOK-325+R-WO-48T100	R-GOK-325+R-WBT-61100	R-GOK-325+R-WO-48120+R-K08L40	R-GOK-325+R-WW-5090
400	R-GOK-325+R-WX-48T120	R-GOK-325+R-WO-48T120	R-GOK-325+R-WBT-61120	R-GOK-325+R-WO-48120+R-K08L40	-
420	R-GOK-325+R-WX-48T140	R-GOK-325+R-WO-48T140	R-GOK-325+R-WBT-61140	R-GOK-325+R-WO-48140+R-K08L40	-
440	R-GOK-425+R-WX-48T050	R-GOK-425+R-WO-48T060	R-GOK-385+R-WBT-61100	R-GOK-425+R-WO-48080+R-K08L40	R-GOK-425+R-WW-5055
460	R-GOK-425+R-WX-48T070	R-GOK-425+R-WO-48T080	R-GOK-425+R-WBT-61090	R-GOK-425+R-WO-48100+R-K08L40	R-GOK-425+R-WW-5075
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540	R-GOK-525+R-WX-48T050	R-GOK-525+R-WO-48T060	R-GOK-525+R-WBT-61075	R-GOK-525+R-WO-48080+R-K08L40	R-GOK-525+R-WW-5055
560	R-GOK-525+R-WX-48T070	R-GOK-525+R-WO-48T080	R-GOK-525+R-WBT-61090	R-GOK-525+R-WO-48100+R-K08L40	R-GOK-525+R-WW-5075
580	R-GOK-525+R-WX-48T100	R-GOK-525+R-WO-48T100	R-GOK-525+R-WBT-61100	R-GOK-525+R-WO-48120+R-K08L40	R-GOK-525+R-WW-5090
600	R-GOK-525+R-WX-48T120	R-GOK-525+R-WO-48T120	R-GOK-525+R-WBT-61120	R-GOK-525+R-WO-48140+R-K08L40	R-GOK-525+R-WW-5120
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640	R-GOK-625+R-WX-48T050	R-GOK-625+R-WO-48T060	R-GOK-625+R-WBT-61075	R-GOK-625+R-WO-48080+R-K08L40	R-GOK-625+R-WW-5055
660	R-GOK-625+R-WX-48T070	R-GOK-625+R-WO-48T080	R-GOK-625+R-WBT-61090	R-GOK-625+R-WO-48100+R-K08L40	R-GOK-625+R-WW-5075
680	R-GOK-625+R-WX-48T100	R-GOK-625+R-WO-48T100	R-GOK-625+R-WBT-61100	R-GOK-625+R-WO-48120+R-K08L40	R-GOK-625+R-WW-5090
700	R-GOK-625+R-WX-48T120	R-GOK-625+R-WO-48T120	R-GOK-625+R-WBT-61120	R-GOK-625+R-WO-48140+R-K08L40	R-GOK-625+R-WW-5120
720	R-GOK-625+R-WX-48T140	R-GOK-625+R-WO-48T140	R-GOK-625+R-WBT-61140	R-GOK-625+R-WO-48160+R-K08L40	R-GOK-625+R-WO-48140
740	R-GOK-725+R-WX-48T050	R-GOK-755+R-WO-48T060	R-GOK-725+R-WBT-61075	R-GOK-725+R-WO-48080+R-K08L40	R-GOK-725+R-WW-5055
760	R-GOK-725+R-WX-48T070	R-GOK-725+R-WO-48T080	R-GOK-725+R-WBT-61090	R-GOK-725+R-WO-48100+R-K08L40	R-GOK-725+R-WW-5075
780	R-GOK-725+R-WX-48T100	R-GOK-725+R-WO-48T100	R-GOK-725+R-WBT-61100	R-GOK-725+R-WO-48120+R-K08L40	R-GOK-725+R-WW-5090
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840	R-GOK-725+R-WX-48T160	R-GOK-725+R-WO-48T160	R-GOK-725+R-WBT-61160	R-GOK-725+R-WO-48180+R-K08L40	R-GOK-725+R-WO-48160
860	R-GOK-725+R-WX-48T180	R-GOK-725+R-WO-48T180	R-GOK-725+R-WBT-61180	R-GOK-725+R-WO-48200+R-K08L40	R-GOK-725+R-WO-48180
880	R-GOK-725+R-WX-48T200	R-GOK-725+R-WO-48T200	R-GOK-725+R-WBT-61200	R-GOK-725+R-WO-48240+R-K08L40	R-GOK-725+R-WO-48200
900	R-GOK-725+R-WX-48T240	R-GOK-725+R-WO-48T240	R-GOK-725+R-WBT-61240	R-GOK-725+R-WO-48240+R-K08L40	R-GOK-725+R-WO-48240
920	R-GOK-725+R-WX-48T240	R-GOK-725+R-WO-48T240	R-GOK-725+R-WBT-61240	R-GOK-725+R-WO-48300+R-K08L40	R-GOK-725+R-WO-48240
940	R-GOK-725+R-WX-48T240	R-GOK-725+R-WO-48T240	R-GOK-725+R-WBT-61300	R-GOK-725+R-WO-48300+R-K08L40	R-GOK-725+R-WO-48300
960	R-GOK-725+R-WX-48T300	R-GOK-725+R-WO-48T300	R-GOK-725+R-WBT-61300	R-GOK-725+R-WO-48300+R-K08L40	R-GOK-725+R-WO-48300
980	R-GOK-725+R-WX-48T300	R-GOK-725+R-WO-48T300	R-GOK-725+R-WBT-61300	-	R-GOK-725+R-WO-48300
990	R-GOK-725+R-WX-48T300	R-GOK-725+R-WO-48T300	-	-	R-GOK-725+R-WO-48300

Foams and Sealants

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RAWLPLUG®

100 YEARS OF EXPERTISE IN FIXINGS, FASTENERS AND TOOLS

FOAMS SEALANTS AND ADHESIVES

CONSTANT QUALITY AND HIGH EFFICIENCY

UNIVERSAL

UNIVERSAL FOAM

R-RPS / R-RPP-45

Self-expanding, single omponent polyurethame foam adhering to all common building materials.

30 L / 45 L
Gun
Handheld
Summer
-
18 - Handheld/15 - Gun

FILLING GAPS AND CAVITIES IN MOST BUILDING MATERIALS

FILLING, SEALING & SOUND PROOFING

INSTALLTION OF DOORS AND WINDOWS

HIGH EFFICIENT FOAM

R-RPP-65

High Yield Gun PU foam for use in all building materials.

65 L
Gun
-
Summer
-
18

INSTALLATION OF A LARGE NUMBER OF DOORS AND WINDOWS

INSTALLATION OF DOORS

INSTALLATION OF WINDOWS

FOAM FOR PVC

R-RPS-PVC / R-RPP-PVC

Low expansion formula, single component polyurethane foam with controlled expansion rate.

45 L
Gun
Handheld
Summer
-
18 - Handheld/15 - Gun

INSULATION OF UPVC FRAMES AND PVC ELEMENTS

INSTALLATION AND SEALING OF SILLS AND THRESHOLDS

INSTALLATION OF DOORS AND WINDOWS

FIRE RATED FOAM

R-RPP-B1

Single component polyurethane fire-resistant foam with EI 240 classification.

45 L
Gun
-
Summer
-
15

BONDING INSULATION BOARDS ON FAÇADES AND FOUNDATIONS

ALL APPLICATIONS WHERE FIRE RETARDANT CHARACTERISTICS ARE REQUIRED

FIRE RETARDANT INSTALLATION OF WINDOW AND DOORFRAMES

ADHESIVE

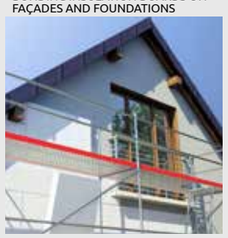
FOR THERMAL INSULATION BOARDS

R-RPP-FIX

Polyurethane adhesive with applicator gun, designed for bonding boards.

8-12m2
Gun
-
-
All season
12

BONDING INSULATION BOARDS ON FAÇADES AND FOUNDATIONS



BONDING AND INSULATION OF WALL PANELS, ROOFING SHEETS AND TILES

FILLING GAPS BETWEEN INSULATION BOARDS

MORTAR

R-RPP-MORTAR

Thin Bed PU mortar for thin joints designed for bricklying internal and external walls.

12m2
Gun
-
-
All season
12

RAISING WALLS WITH THIN JOINTS, MADE OF HIGH-ACCURACY MATERIALS

RAISING LOAD-BEARING WALLS

RAISING PARTITION WALLS

RAWLPLUG® Academy

Use the e-learning training
or sign up for our hands-on training.

- Foams - general characteristics
- Foams - advanced characteristics
- Foams - advanced characteristics RPP i RPS
- Foams - characteristic of product - B1
- Foams - characteristic of product - Mortar
- Foams - characteristic of product - RPP-FIX

www.rawlplug.com

Overview of our range

	TYPE OF PRODUCT	R-RPS	R-RPS-PVC	R-RPP-45	R-RPP-65	R-RPP-PVC	R-RPP-FIX	R-RPP-B1	RPP-FIX-60S	R-RPP MORTAR
	PRODUCT	HAND HELD EXPANDING UNIVERSAL	HAND HELD EXPANDING LOW EXPANSION	GUN FOAM UNIVERSAL	GUN FOAM SUPER EFFICIENT	GUN FOAM LOW EXPANSION	ADHESIVE FOR POLYSTYRENE STYROFIX	GUN FOAM FIRE RESISTANT	EXPRESS POLY-URETHANE ADHESIVE	POLYURETHANE MORTAR GUN VERSION
APPLICATIONS	Installation & sealing of windows & doors	V	V	V	V	V	-	V	-	-
	Installation and sealing of sills and thresholds	V	V	V	V	V	-	V	V	-
	Insulation of roofs and flat roofs	V	V	V	V	V	V	V	-	-
	Filling gaps and cavities in most building materials	V	V	V	V	V	V	V	V	-
	Sealing around garage doors & shutters	V	V	V	V	V	-	V	V	-
	Filling around pipework and ducting	V	V	V	V	V	V	V	V	-
	Thermal insulation and soundproofing	V	V	V	V	V	V	V	V	-
	Bonding of insulation for façades and foundations	-	-	-	-	-	V	-	-	-
	To meet fire regulations class B1 according to DIN 4102	-	-	-	-	-	-	V	-	-
	Bricklaying load-bearing & partition walls	-	-	-	-	-	-	-	-	V

R-RPS HAND HELD EXPANDING FOAM

Self-expanding, single component polyurethame foam adhering to all common building materials

FEATURES AND BENEFITS

- High thermal and acoustic insulation
- Internal and external use
- Fast curing, workable in 40 minutes
- Resistant to mould and fungi
- Excellent adhesion to most construction materials
- Low temperature version "W" works at -15°C

APPLICATIONS

- Ideal for filling, sealing & sound proofing
- Thermal insulation in roof cavities
- Gap filling around plumbing & heating pipework
- Filling any awkward gap or cavity
- Installation of doors & windows

APPROVALS AND REPORTS

- AT-15-9800/2016

BASE MATERIALS

- Chipboard
- Concrete
- Concrete Slab
- Cracked Concrete
- High-Density Natural Stone
- Hollow Brick
- Hollow Lightweight Concrete Block
- Hollow Sand-lime Brick
- Hollow-core Slab

Rawlplug code	Description	Volume	Quantity [pcs]		
			Box	Outer	Pallet
R-RPS	Multi-season version	750ml	12	12	672

R-RPS-PVC HAND HELD FOAM - LOW EXPANSION

Low expansion formula single component polyurethane foam with controlled expansion rate

FEATURES AND BENEFITS

- Low expansion forces will not distort frames or profiles
- The low expansion rate means that the yield is given out in more linear metres than a standard PU foam, so the best solution for narrow joints around windows and doors.
- Excellent thermal and acoustic insulation properties
- Rapid curing, workable in 40 minutes
- Excellent adhesion to most construction materials
- High yield - up to 45 litres from 750ml can
- Low temperature version „W" works at -10°C
- Resistant to mould and fungi

APPLICATIONS

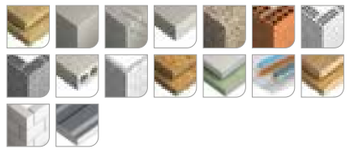
- Particularly suitable for installation of UPVC frames and PVC elements
- Ideal for mounting sealing and soundproofing
- Installation of doors and windows
- Sealing window sills
- Filling around plumbing & heating pipework
- Filling any awkward gap or cavitiy

APPROVALS AND REPORTS

- AT-15-9800/2016

BASE MATERIALS

- Chipboard
- Concrete
- Concrete Slab
- Cracked Concrete
- High-Density Natural Stone
- Hollow Brick
- Hollow Lightweight Concrete Block
- Hollow Sand-lime Brick
- Hollow-core Slab



Rawlplug code	Description	Volume	Quantity [pcs]		
			Box	Outer	Pallet
R-RPS-PVC	Multi-season version	750ml	12	12	672

R-RPS-500

HAND HELD POLYURETHANE FOAM

Universal, one-component polyurethane foam with delivery tube

FEATURES AND BENEFITS

- Ideal for mounting, sealing and soundproofing.
- Suitable for use indoors and outdoors.
- Excellent sound and thermal insulation properties.
- Excellent adhesion to most materials and substrates used in construction.
- Recommended for filling empty spaces and wide gaps
- Resistant to mould and fungi.

APPLICATIONS

- Fixing pipes and cables in HVAC systems
- The application of PU foam: installation of windows and doors, filling, sealing, insulation in the construction industry
- Installation of windows and door
- Easy fixing of door and window frames - timber, metal or PVC
- Filling empty spaces, cracks, pipe passages
- Filling gaps in the thermal insulation of buildings
- Thermal insulation of roofs and ceilings
- Thermal insulation of plumbing and central heating

BASE MATERIALS

- Chipboard
- Concrete
- Concrete Slab
- Cracked Concrete
- High-Density Natural Stone
- Hollow Brick
- Hollow Lightweight Concrete Block
- Hollow Sand-lime Brick
- Hollow-core Slab
- Lightweight Concrete Block
- Non-cracked Concrete
- Oriented Strand Board
- Plasterboard
- Plastic
- Plywood

APPROVALS AND REPORTS

- AT-15-9800/2016

Rawlplug code	Description	Volume	Quantity [pcs]		
			Box	Outer	Pallet
R-RPS-500	Multi-season version	500ml	12	12	672

R-RPP-45

GUN PU FOAM

Self-expanding, single component polyurethame foam adhering to all common building materials

FEATURES AND BENEFITS

- High thermal and acoustic insulation
- Internal and external use
- Fast curing, workable in 40 minutes
- Excellent adhesion to most construction materials
- High yield - up to 45 litres from 750ml can
- Low temperature version "W" works at -10°C
- Resistant to mould and fungi

APPLICATIONS

- Ideal for mounting, sealing & sound proofing
- Installation of doors & windows
- Thermal insulation in roof cavities
- Gap filling around plumbing & heating pipework
- Filling any awkward gap or cavity

APPROVALS AND REPORTS

- AT-15-9800/2016

BASE MATERIALS

- Plastic
- Aerated Concrete Block
- Concrete, Concrete Slab
- High-Density Natural Stone
- Hollow Brick
- Hollow Lightweight Concrete Block
- Hollow Sand-lime Brick
- Hollow-core Slab
- Chipboard

Rawlplug code	Description	Volume	Quantity [pcs]		
			Box	Outer	Pallet
R-RPP-45	Multi-season version	750ml	12	12	672
R-RPP-45-WET	Tropical version	750ml	12	12	672

R-RPP-65

SUPER EFFICIENT GUN PU FOAM

High Yield Gun PU foam for use in all building materials

FEATURES AND BENEFITS

- High yield – up to 65 litres from one can
- Much lower cost per 1 litre of cured foam
- Fast curing, workable in 40 minutes
- Ideal solution for installation of multiple windows
- Excellent adhesion to most construction materials
- Winter version works in winter conditions as low as -10°C
- No need for frequent change of cans, thus saving time

APPLICATIONS

- Ideal for mounting, sealing and soundproofing
- Installation of a large number of doors and windows
- Thermal insulation in roof cavities
- Gap filling around plumbing and heating pipework
- Filling any awkward gap or cavity

APPROVALS AND REPORTS

- AT-15-9800/2016

BASE MATERIALS

- Plastic
- Aerated Concrete Block
- Concrete, Concrete Slab
- High-Density Natural Stone
- Hollow Brick
- Hollow Lightweight Concrete Block
- Hollow Sand-lime Brick
- Hollow-core Slab
- Chipboard

Rawlplug code	Description	Volume	Quantity [pcs]		
			Box	Outer	Pallet
R-RPP-65	Multi-season version	750ml	12	12	672

R-RPP-PVC

LOW EXPANSION GUN PU FOAM

Low expansion formula, single component polyurethane foam with controlled expansion rate

FEATURES AND BENEFITS

- Low-pressure formula eliminates risk of deformation frames or profiles and ensures proper gaps filling
- Excellent thermal and acoustic insulation properties
- Good adhesion to most construction materials
- Winter version works in winter conditions (at -10°C)
- Fast curing, workable in 40 minutes
- Internal and external use

APPLICATIONS

- Ideal for mounting, sealing & sound proofing
- Installation of a large amount doors & windows
- Thermal insulation in roof cavities
- Gap filling around plumbing & heating pipework
- Filling any awkward gap or cavity

APPROVALS AND REPORTS

- AT-15-9800/2016

BASE MATERIALS

- Plastic
- Aerated Concrete Block
- Concrete, Concrete Slab
- High-Density Natural Stone
- Hollow Brick
- Hollow Lightweight Concrete Block
- Hollow Sand-lime Brick
- Hollow-core Slab
- Chipboard

Rawlplug code	Description	Volume	Quantity [pcs]		
			Box	Outer	Pallet
R-RPP-PVC	Multi-season version	750ml	12	12	672

R-RPP-B1 FIRE RESISTANT GUN PU FOAM

Fire Resistant Gun PU foam with EI 240 classification

FEATURES AND BENEFITS

- Fire resistance up to 240 min (EI 240)
- Efficient seal against smoke and gas
- Self-extinguising
- Excellent thermal and acoustical insulation properties
- Fast curing, workable in 40 minutes
- Can be painted or plastered when cured
- Excellent adhesion to most construction materials
- Foam colour: Pink

APPLICATIONS

- For all applications with a legal requirement for fire resistance class B-1 according to DIN 4102
- For fire-resistant filling of frame structures
- For fireproof assembly of PVC, wood and aluminum frames
- For fire-resistant sealing of joints in roofing, walls and ceilings

APPROVALS AND REPORTS

- ETA-13/1075
- ETA-13/1076

BASE MATERIALS

- Aerated Concrete Block
- Concrete, Concrete Slab
- High-Density Natural Stone
- Hollow Brick
- Hollow Lightweight Concrete Block
- Hollow Sand-lime Brick
- Hollow-core Slab

Rawlplug code	Description	Volume	Colour	Quantity [pcs]		
				Box	Outer	Pallet
R-RPP-B1	Multi-season version	750ml	Pink	12	12	840
R-RPP-B1-WET	Tropical version	750ml	Pink	12	12	840

R-RPP-FIX

PU adhesive for bonding polystyrene and other insulation materials and decorative substrates

FEATURES AND BENEFITS

- Fixing possible just two hours after application.
- Highly efficient - coverage of about 8m² façades and approximately 12m² foundations
- Excellent adhesion to common building substrates and insulating materials
- Works at low temperatures (-5 °C) – longer working season
- High initial force & excellent insulation - does not create thermal or axoustic bridges

APPLICATIONS

- Bonding insulation boards on façades and foundations
- Suitable for ETICS* systems with mechanical fixings
- Bonding and insulating of wall panels, roofing sheets & tiles
- Sealing gaps between foamed polystyrene
- Sealing cracks in walls
- Filling & sealing expansion joints in thermal insulation
- Can stick to plasterboard

APPROVALS AND REPORTS

- ITB-KOT-2018-0531

BASE MATERIALS

- Brick walls
- Hollow blocks
- Concrete
- Acrylic and mineral plasters
- Wood and Metal
- Foamed polystyrene
- PCV and rigid PUR foams and other insulation materials

Rawlplug code	Description	Volume	Quantity [pcs]		
			Box	Outer	Pallet
R-RPP-FIX	Multi-season version	750ml	12	12	672

RPP-FIX-60S EXPRESS POLYURETHANE ADHESIVE

NEW

Professional fast foam adhesive with high adhesion to many materials and substrates

FEATURES AND BENEFITS

- Initial tack after 60 seconds
- Mechanical anchoring after 2h
- Complete hardening time after 24h
- Wide range of applications
- Excellent adhesion to common construction materials
- Easy and convenient application

APPLICATIONS

- Installation of plasterboards and OSB boards for walls and floors
- For bonding expanded polystyrene boards (EPS), extruded polystyrene boards (XPS) and polyurethane rigid foam boards (PUR)
- Insulation of containters or garages
- Filling gaps in thermal insulation
- Fastening of ceramic blocks, aerated concrete blocks and silicate blocks
- Installation of window sills and stairs
- For bonding decorative elements, coffers, floor moldings

BASE MATERIALS

- Polystyrene (EPS) Boards
- Plasterboard
- PVC Profile
- Metal Sheet & Profiles
- XPS Extruded Polystyrene Insulation Boards
- Oriented Strand Board
- Mineral Wool Boards
- Timber
- Solid Brick
- Concrete
- Ceramic Hollow Block
- Silicate Blocks

Rawlplug code	Description	Volume	Quantity [pcs]		
			Box	Outer	Pallet
RPP-FIX-60S	Multi-season version	750ml	12	12	672

R-RPP-MORTAR

PU mortar for thin joints designed for internal and external walls of cellular concrete in dimensional class TLMB, hollow ceramic blocks and silicate blocks

FEATURES AND BENEFITS

- Energy efficiency - reduction of heat escape by thermal bridges (λ ≤0,036)
- Durability - high mechanical properties, elasticity, bonding strength
- Effective yield - up to 12 square meters wall from one can
- Extended construction season - application temperature up to -5°C
- Savings of money & time - quicker building works, less tools & materials
- Easy & clean work - product ready to apply, no wastes, no dust, without lifting weights

APPLICATIONS

- Raising walls with thin joints, made of high-accuracy materials (flatness/height deviation not larger than 3 mm per running meter)
- Dedicated both for load-bearing walls and partition walls
- For internal and external applications
- Approved for aerated concrete, silicate blocks, hollow ceramic
- Suitable also for other the typical construction materials

BASE MATERIALS

Suitable for bricklaying to use with:

- Aerated concrete
- Silicate blocks
- Hollow ceramic

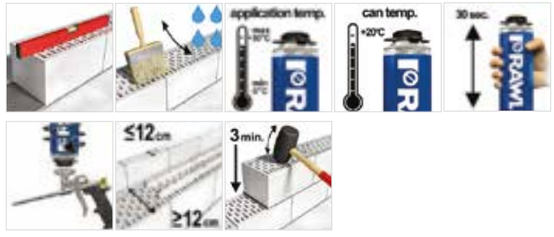
Also excellent adhesion to the typical construction materials, like:

- Cellular concrete blocks
- Ceramic bricks
- Hollow blocks
- Concrete
- Acrylic and mineral plasters
- Wood
- Foamed polystyrene

APPROVALS AND REPORTS

- AT-15-9752/2016

Rawlplug code	Description	Volume	Quantity [pcs]		
			Box	Outer	Pallet
R-RPP-MORTAR	Multi-season version	750ml	12	12	672



R-RPC-0500

AGENT FOR REMOVING UNCURED POLYURETHANE FOAMS

High power cleaner for removing uncured polyurethane foams or adhesives and cleaning equipment

FEATURES AND BENEFITS

- Dissolves uncured polyurethane completely
- Perfectly degrease work surfaces (steel, glass, wood) before application of polyurethane or silicone
- Safe for the surface of PVC and most plastics

APPLICATIONS

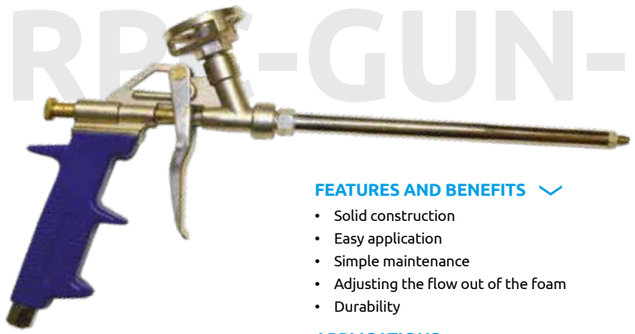
- Cleaning of the gun after use with PU Expanding Foam
- Cleaning of the valves of the PU aerosol gun
- Removal of uncured foam

Rawlplug code	Volume	Color	Quantity [pcs]		
			Box	Outer	Pallet
R-RPC-0500	500ml	transparent	12	12	672

RPP-GUN-NC

PROFESSIONAL GUN FOR EXPANDING FOAMS

Professional grade metal polyurethane applicator gun for use with gun foams



FEATURES AND BENEFITS

- Solid construction
- Easy application
- Simple maintenance
- Adjusting the flow out of the foam
- Durability

APPLICATIONS

- For the application of PU foams and cleaners

Rawlplug code	Quantity [pcs]		
	Box	Outer	Pallet
RPP-GUN-NC	1	24	288
RPP-GUN-LONG	1	6	60

DISINFECTION AGAINST VIRUSES AND BACTERIA

Disinfection of private, public and commercial areas

Robust screw head for easy dismantling

Ethanol solution **≥ 80%**

Complies with the **WHO recommendations**

Disinfects skin hands

Recommended for **people, electronics, industry, hospitals, sanitary facilities**

Disinfects objects and surfaces contaminated by **bacteria and viruses including COVID-19**

R-DEZI DISINFECTANT SPRAY

Universal disinfectant spray with antiviral and antibacterial activities

FEATURES AND BENEFITS

- DEZI is a product registered in Office for Registration of Medicinal Products, Medical Devices and Biocidal Products
- Very strong - contains 88% of ethanol
- It has a refreshing scent - leaving your hands smelling like a green tea
- Complies with the WHO recommendations
- Disinfects 99% of surfaces
- Does not leave your hands dry - contains glycerine
- Recommended for people, electronics, industry, hospitals, sanitary facilities
- Antiviral and antibacterial activities
- DEZI doesn't contain water

APPLICATIONS

- Hands disinfection
- Disinfection of walls and floors in private, public and insustrial spaces
- Disinfection of the screens, computers, keyboards, phones
- Disinfection of the material surfaces
- Disinfection of building materials
- Disinfection of sanitary facilities and toilets

BASE MATERIALS

Approved for use in:

- Toys
- Spa, hairdresser
- Workplaces, businesses
- Sanitary facilities, toilets
- Public and industrial areas
- Screens, computers, keyboards, phones

Rawlplug code	Density	Colour	Quantity	Volume
	[g/cm3]	-	pack	[ml]
R-DEZI-150-EN	0,81	colourless	10	150
R-DEZI-400-EN	0,81	colourless	15	400

WHY DEZI?

DEZI can be used for human needs (skin of hands) and for most other surfaces used in daily life because of tests carried out and authorisations obtained in the CATEGORY: DISINFECTANTS for GR. 1 and GR. 2 products.

DEZI is a product registered in Office for Registration of Medicinal Products, Medical Devices and Biocidal Products, it guarantees effective prevention against viruses and bacteria.

DEZI obtained a long-term authorisation guaranteeing its effectiveness and continuity of supply.

DEZI has one of the highest concentrations of pure ethanol on the market, not less than 80% in each package.

DEZI can be used for human needs (skin of hands) and for most other surfaces used in daily life.

DEZI contains pharmaceutical glycerine protecting the user from skin irritation and dryness due to frequent use.

DEZI does not contain water and therefore it can disinfect electronic equipment such as computer SCREENS, TELEPHONES, KEYBOARDS. It can also work effectively against viruses, bacteria and fungi in INDUSTRIAL HALLS and RETAIL SPACE.

DEZI has non-intensive aromatic smell.

The aerosol type of product provides not only the convenience and optimal efficiency, but also creates an antiviral mist that covers 99% of the sprayed surfaces.

Overview of our range

	TYPE OF PRODUCT	R-SL-BUD	R-SL-NEU	R-SL-SAN	R-SL-UNI	R-SL-SKL	R-SL-TK	R-SL-LUS	R-SL-DEK	R-SL-DEK- SPEC	R-SL-MA- -GRAIN	R-SL-MA	R-SL-MAGK
	PRODUCT	Construction Silicone	Neutral Silicone	Sanitary Silicone	Universal Silicone	Glazing Silicone	High Temperature Silicone	Adhesive for Mirrors	Rubber Roof Sealant	Specialized Roof Sealant	Acrylic Facade Sealant	Acrylic Sealant	Acrylic Sealant For Plasterboard
APPLICATIONS	Filling expansion joints	V	V	-	V	-	-	-	V	V	-	-	-
	Sealing windows & doors	V	V	-	V	-	-	-	-	-	V	V	V
	Sealing of prefabricated construction elements	V	V	V	V	V	-	V	-	-	V	V	V
	Sealing metal containers & tanks	V	V	-	-	-	-	-	V	V	V	V	V
	Connections between different metals	V	V	-	-	V	-	V	V	V	-	-	-
	Glazing all windows	-	V	-	V	V	-	-	-	-	-	-	-
	Sealing in bathrooms & kitchens	V	V	V	V	V	-	V	-	-	-	-	-
	Sealing in marine & swimming pool applications	-	-	V	-	-	-	-	-	-	-	-	-
	Sealing connections between treated and wood glass	V	V	-	-	-	-	V	-	-	V	V	V
	Fixing mirrors	-	-	-	-	-	-	V	-	-	-	-	-
	High temperature applications	-	-	-	-	-	V	-	-	-	-	-	-
	Filling of the gaps inside the buildings, scratches, cracks in gypsum plaster,	-	-	-	-	-	-	-	-	-	V	V	V
	Sealing of break- -through points in roofs and terraces.	-	-	-	-	-	-	-	V	V	-	-	-
	Repairs for bitumen roof coverings	-	-	-	-	-	-	-	V	V	-	-	-
	Connection of corrugated and trapezoidal steel sheets	V	V	-	-	-	-	-	V	V	V	V	V

R-SL-BUD CONSTRUCTION SILICONE

One-component, elastic sealant with neutral curing system and excellent adhesion to porous and smooth construction materials

R-SL BUD

FEATURES AND BENEFITS

- Highly and permanently elastic sealing properties
- Very good adhesion to most building materials.
- Durable seal (completely resistant to weathering and UV radiation)

APPLICATIONS

- Filling elastic expansion joints
- Filling joints behind window and door frames
- Sealing of prefabricated elements in construction
- Sealing of metal coolers, containers and tanks
- Connections between galvanized steel, brass and other metals

BASE MATERIALS

- Glass
- Metal Sheet & Profiles
- Stainless Steel
- Glaze
- Masonry
- Concrete
- Aerated Concrete Block

Rawlplug code	Colour	Volume	Quantity [pcs]		
			Box	Outer	Pallet
R-SL-BUD-01-EN	transparent	300ml	15	15	1260
R-SL-BUD-02-EN	white	300ml	15	15	1260
R-SL-BUD-03-EN	grey	300ml	15	15	1260
R-SL-BUD-04-EN	brown	300ml	15	15	1260
R-SL-BUD-07-EN	black	300ml	15	15	1260

R-SL-SAN SANITARY SILICONE

One-component, elastic sealant with acetate curing system.
Contains antifungal agents that prevent growth and development of mould.

R-SL SAN

FEATURES AND BENEFITS

- Highly and permanently elastic sealing properties, with excellent resistance to water, grease, acids and alkalis.
- Protects against the growth of fungi and mould
- Very good adhesion to materials and substrates used commonly in construction: glass, tiles, ceramics and protected metals
- Durable seal (completely resistant to weathering and UV radiation)

APPLICATIONS

- Sealing in areas with exposure to water: bathrooms, baths (incl. acrylic bathtubs), shower trays, shower enclosures and washbasins, as well as kitchens, laundries, sinks and worktops, etc.
- Do not use for fish tanks, mirrors, unprotected metals, natural stone or concrete.
- Sealing in areas with exposure to sea water: swimming pools, boats, port facilities, etc.
- Sealing of joints between sanitary ceramics and tiles.
- Sealing of worktops.

BASE MATERIALS

- Glass
- Protected metals (aluminium, brass, copper, steel, zinc-plated metal sheet)
- Terracotta
- Ceramics
- Glaze
- Protected wood
- Sanitary ceramics

Rawlplug code	Colour	Volume	Quantity [pcs]		
			Box	Outer	Pallet
R-SL-SAN-01-EN	transparent	300ml	15	15	1260
R-SL-SAN-02-EN	white	300ml	15	15	1260
R-SL-SAN-03-EN	grey	300ml	15	15	1260

R-SL-NEU NEUTRAL SILICONE

One-component, elastic sealant with neutral curing system, resistant to weather conditions and UV radiation

R-SL NEU

FEATURES AND BENEFITS

- Highly and permanently elastic sealing properties
- Very good adhesion to most building materials.
- Durable seal (completely resistant to weathering and UV radiation)

APPLICATIONS

- Filling elastic expansion joints
- Filling joints behind window and door frames
- Sealing of prefabricated elements in construction
- Sealing of metal coolers, containers and tanks
- Connections between galvanized steel, brass and other metals

BASE MATERIALS

- Glass
- Metal Sheet & Profiles
- Stainless Steel
- Glaze
- Masonry
- Concrete
- Aerated Concrete Block

Rawlplug code	Colour	Volume	Quantity [pcs]		
			Box	Outer	Pallet
R-SL-NEU-01-EN	transparent	300ml	15	15	1260
R-SL-NEU-02-EN	white	300ml	15	15	1260
R-SL-NEU-03-EN	grey	300ml	15	15	1260

R-SL-UNI UNIVERSAL SILICONE

One-component, elastic sealant with acetate curing system.
Creates durable sealing which protects gaps against penetration of moisture and air.

R-SL UNI

FEATURES AND BENEFITS

- Highly and permanently elastic sealing properties, with excellent resistance to water, grease, acids and alkalis.
- Very good adhesion to materials and substrates used commonly in construction: glass, tiles, ceramics and protected metals
- Durable seal (completely resistant to weathering and UV radiation)

APPLICATIONS

- For standard glazing applications, as well as hotboxes for gardening.
- Sealing partition walls and window & door frames.
- Do not use for fish tanks, mirrors, unprotected metals, natural stone or concrete.

BASE MATERIALS

- Glass
- Protected metals (aluminium, brass, copper, steel, zinc-plated metal sheet)
- Terracotta
- Ceramics
- Glaze
- Protected wood

Rawlplug code	Colour	Volume	Quantity [pcs]		
			Box	Outer	Pallet
R-SL-UNI-01-EN	transparent	300ml	15	15	1260
R-SL-UNI-02-EN	white	300ml	15	15	1260
R-SL-UNI-03-EN	grey	300ml	15	15	1260
R-SL-UNI-04-EN	brown	300ml	15	15	1260

R-SL-SKL GLASS SILICONE

One-component, elastic sealant with acetate curing system for bonding and sealing glass constructions.

R-SL SKL

FEATURES AND BENEFITS

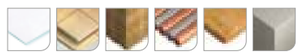
- Highly and permanently elastic sealing properties, with excellent resistance to water, grease, acids and alkalis.
- Very good adhesion to materials and substrates used commonly in construction: glass, tiles, ceramics and protected metals
- Durable seal (completely resistant to weathering and UV radiation)

APPLICATIONS

- For standard glazing applications, as well as hotboxes for gardening.
- Sealant for glass-to-glass applications.
- Installation of cabinets, cupboards, shop-windows, glass displays, etc.
- Suitable for joining of: aluminum, brass, copper, steel, galvanized steel, plastic, concrete and many other materials.
- Do not use for fish tanks, mirrors, or for bonding natural stone surfaces.
- Joints are mould resistant.

BASE MATERIALS

- Glass
- Metal Sheet & Profiles
- Stainless Steel
- Glaze
- Concrete
- Protected wood
- Plastics
- Protected metals (aluminium, brass, copper, steel, zinc-plated metal sheet)



Rawlplug code	Colour	Volume	Quantity [pcs]		
			Box	Outer	Pallet
R-SL-SKL-01-EN	transparent	300ml	15	15	1260
R-SL-SKL-02-EN	white	300ml	15	15	1260

R-SL-TK HIGH TEMPERATURE SILICONE

One-component, elastic sealant with acetate curing system resistant to long exposure to low and high temperatures

R-SL TK

FEATURES AND BENEFITS

- The seal possesses complete and long-term resistance to oils, petrol, grease, diesel & coolants.
- Resistant to changeable weather conditions, temperature extremes (up to 350°C) and UV radiation.
- Highly and permanently elastic sealing properties

APPLICATIONS

- Sealing in high-temperature environments: furnaces, chimneys, heating installations, combustion & flue ducts, ventilation and air-conditioning systems.
- Fixing of elements in domestic fireplaces and industrial furnaces.

BASE MATERIALS

- Glass
- Protected metals (aluminium, brass, copper, steel, zinc-plated metal sheet)
- Ceramics
- Glaze
- Concrete
- Masonry
- Plastics
- Metal Sheet & Profiles

Rawlplug code	Colour	Volume	Quantity [pcs]		
			Box	Outer	Pallet
R-SL-TK-05-EN	red	300ml	15	15	1260
R-SL-TK-07-EN	black	300ml	15	15	1260

R-SL-LUS MIRROR SILICONE ADHESIVE

Solvent-free adhesive recommended for bonding mirrors to common building substrates

R-SL LUS

FEATURES AND BENEFITS

- Intended for non-invasive fixing and adhesion of mirrors and glass mosaics.
- Excellent adhesion to most materials and substrates used in construction.
- Texture and colour suitable for use for sealing mirror edges.
- Warranty covers against discolouration of base materials.

APPLICATIONS

- Adhesion of decorative mirrors to varied substrates, even at low temperatures (5°C).
- Fixing mirror mosaics (mirror-mirror bonding) in shower cabinets.
- Adhesion of mirrors to substrates exposed to vibration and stress (new-build environments).
- Fixing mirrors and large glass panels such as Lacobel (e.g. on sliding wardrobe doors).
- Grouting mirrors edges (subsequent to full hardening of the pre-applied adhesive).
- Adhesion of mirrors with metal, wood or plastic frames.
- External fixing of glass components.

BASE MATERIALS

- Glass
- Wood
- Tiles
- Brick

Rawlplug code	Colour	Volume	Quantity [pcs]		
			Box	Outer	Pallet
R-SL-LUS-01-EN	transparent	300ml	15	15	1260

R-SL-DEK RUBBER ROOF SEALANT

Elastic rubber sealant for roofing applications with high resistance to weather conditions.

R-SL DEK

FEATURES AND BENEFITS

- For the majority of seals in roofing applications.
- Adheres to substrates including: sheet metal, bitumen, concrete, stone, metal, wood, glass and most plastics.
- Can be painted after hardening.
- Resistant to weathering, temperature extremes and UV radiation.

APPLICATIONS

- Sealing of roof flashings, terraces, chimneys and hatches.
- Sealing of break-through points in roofs and terraces.
- Repairs for bitumen roof coverings.
- Sealing skylights and roof windows.
- Connections of trapezoidal and corrugated sheets, asbestos-cement and bituminous sheets.
- Connections between foundation and basement wall components, as well as filling expansion joints of roofs and terraces.

BASE MATERIALS

- Glass
- Metal Sheet & Profiles
- Stainless Steel
- Glaze
- Concrete
- High-Density Natural Stone
- Wood
- Plastics
- Bituminous substrates
- Tile

Rawlplug code	Colour	Volume	Quantity [pcs]		
			Box	Outer	Pallet
R-SL-DEK-01-EN	transparent	300ml	15	15	1260
R-SL-DEK-02-EN	white	300ml	15	15	1260
R-SL-DEK-04-EN	brown	300ml	15	15	1260
R-SL-DEK-06-EN	brick red	300ml	15	15	1260
R-SL-DEK-07-EN	black	300ml	15	15	1260

R-SL-DEK-SPEC SPECIALIZED ROOF SEALANT

Plastic roof sealant characterized by the possibility of underwater application and during heavy rainfall

R-SL-DEK-SPEC

FEATURES AND BENEFITS

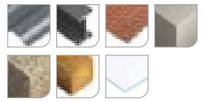
- Sealing of roof flashings, terraces, chimneys and hatches.
- Sealing of break-through points in roofs and terraces.
- Repairs for bitumen roof coverings.
- Sealing skylights and roof windows.
- Connections of trapezoidal and corrugated sheets, asbestos-cement and bituminous sheets.
- Connections between foundation and basement wall components, as well as filling expansion joints of roofs and terraces.

APPLICATIONS

- For the majority of seals in roofing applications.
- Adheres to substrates including: sheet metal, bitumen, concrete, stone, metal, wood, glass and most plastics.
- Can be painted after hardening.
- Resistant to weathering, temperature extremes and UV radiation.
- Permanently plastic - resistant for cracking

BASE MATERIALS

- Glass
- Metal Sheet & Profiles
- Stainless Steel
- Ceramics
- Concrete
- High-Density Natural Stone
- Wood
- Aluminium
- Bituminous substrates
- Tile



Rawlplug code	Colour	Volume	Quantity [pcs]		
			Box	Outer	Pallet
R-SL-DEK-01-SPEC	colourless	300ml	15	15	1260
R-SL-DEK-04-SPEC	brown	300ml	15	15	1260
R-SL-DEK-06-SPEC	brick red	300ml	15	15	1260
R-SL-DEK-07-SPEC	graphite	300ml	15	15	1260

R-SL-MA-GRAIN ACRYLIC FACADE SEALANT

Grainy acrylic sealant intended for sealing, pointing joints and filling gaps in walls and facades covered with structural plaster

R-SL-MA-GRAIN

FEATURES AND BENEFITS

- Plasto-elastic one component joint sealant based on acrylic dispersions
- Granular finishing which allows invisible filling of gaps and cracks in plasterwork
- Designed for both interior and exterior use
- Excellent adhesion
- Resistant to UV radiation and changing weather conditions
- Can be painted with thin layers

APPLICATIONS

- Filling cracks, scratches, gaps, joints in walls, ceilings and facades (structural plasters, cellular concrete, cement and cement-lime plasters, silicates, gypsums, gypsum stucco)
- Pointing joints in construction elements exposed to low tensions
- Filling joints around wooden and metal frames, next to battens, window sills, ceilings and stairs
- Minor repairs before painting

BASE MATERIALS

- Plasterboard
- Plaster
- Metal Sheet & Profiles
- Stainless Steel
- Ceramics
- Concrete
- Masonry
- Wood

Rawlplug code	Colour	Volume	Quantity [pcs]		
			Box	Outer	Pallet
R-SL-MA-02-GRAIN	white	300ml	15	15	1260

R-SL-MA UNIVERSAL ACRYLIC

Flexible acrylic dispersion sealant recommended for filling gaps, cracks and crevices in walls

R-SL-MA

FEATURES AND BENEFITS

- Solvent-free
- Flexible plastic joint, water-resistant after curing.
- Can be painted when fully-cured.
- Suitable for most construction substrates.
- Designed for internal and external use, with resistance to changeable weather conditions, once cured.

APPLICATIONS

- Filling of joints and corner joints in the connections between gypsum and cardboard and similar finishing materials in drywall systems.
- Filling of the gaps inside the buildings, scratches, cracks in gypsum plaster, gypsum blocks and precasts of similar type.
- Grouting of joints between walls and floor tiles, baseboards, ceiling moldings, suspended ceilings and parapets.
- Small repairs before painting
- Filling around the windows, window sills and door frames

BASE MATERIALS

- Metal Sheet & Profiles
- Stainless Steel
- Ceramics
- Concrete
- Masonry
- Wood
- Plasterboard
- High-Density Natural Stone
- PVC Profile
- Plaster

Rawlplug code	Colour	Volume	Quantity [pcs]		
			Box	Outer	Pallet
R-SL-MA-02-EN	white	300ml	15	15	1260

R-SL-MA-FAST LIGHT FAST ACRYLIC

Flexible acrylic dispersion sealant ready for painting after just 20 minutes

R-SL-MA-FAST

FEATURES AND BENEFITS

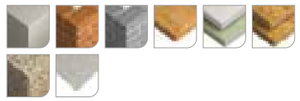
- Perfect adhesion to the most building materials (including porous)
- No shrinkage - can be applied with a thin layer without the risk of shrinkage and cracking
- Easy and fast application and work- filling, smoothing and polishing seals
- No need to use Anti-Scratch Tape
- Dust-free grinding
- For interior use

APPLICATIONS

- Filling cracks in walls and ceilings
- Fast repair defects in cracks - can be sanded and painted 20 min after application
- Grouting connections joints of drywall boards
- Covering screw heads & bolts
- Filling joints during installation of partition walls and suspended ceilings

BASE MATERIALS

- Concrete
- Masonry
- Wood
- Plasterboard
- Oriented Strand Board
- High-Density Natural Stone
- Plaster



Rawlplug code	Colour	Volume	Quantity [pcs]		
			Box	Outer	Pallet
R-SL-MA-02-FAST	white	300ml	15	15	1260

R-SL-MAGK

ACRYLIC FOR DRYWALL

Flexible acrylic dispersion sealant recommended for filling gaps and cracks in drywalls

FEATURES AND BENEFITS

- For joining of plasterboard sheets in attics.
- Solvent-free
- Flexible plastic joint, water-resistant after curing.
- Can be painted when fully-cured.
- Suitable for most construction substrates.
- Designed for internal and external use, with resistance to changeable weather conditions, once cured.

APPLICATIONS

- Filling of joints and corner joints in the connections between gypsum and cardboard and similar finishing materials in drywall systems.
- Grouting of joints between walls and floor tiles, baseboards, ceiling moldings, suspended ceilings and parapets.
- Connections between panels and frames, masking strips and joinery.
- Filling of the gaps inside the buildings, scratches, cracks in gypsum plaster, gypsum blocks and precasts of similar type.

BASE MATERIALS

- Plasterboard
- Metal Sheet & Profiles
- Ceramics
- Concrete
- Masonry
- Wood
- Glass
- High-Density Natural Stone
- Plaster

Rawlplug code	Colour	Volume	Quantity [pcs]		
			Box	Outer	Pallet
R-SL-MAGK-02	white	300ml	15	15	1260

R-SL-FIX-HYBR

HYBRID SEALANT ADHESIVE

Flexible adhesive sealant perfect for using in places where transparent joint is required

FEATURES AND BENEFITS

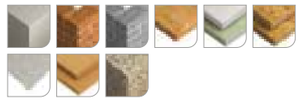
- Bonding and sealing of many construction materials such as natural stone, wood, concrete, metal, brick, glass, mirrors, metal, ceramics,plaster, polyurethane, plastics, chipboards,etc.
- Flexible connections in vibrating elements.
- Industrial seals (cold rooms, automotive, containers, glazing, etc.).
- The connections between galvanized steel, brass and other metals.
- Ideal as a sealant. It can be used for sealing in bathroom and kitchen or in other places where protection against water penetration is required.

APPLICATIONS

- Excellent adhesion to common construction materials
- Solvent and isocyanates free - can be painted
- Excellent transparency, precise and invisible joints
- Can be applied on wet substrates
- Odorless, insensitive to chemicals - weak acids, alkalis, solvents and oils
- Can be painted after curing (including water paints)

BASE MATERIALS

- Concrete
- Masonry
- Wood
- Plasterboard
- Oriented Strand Board
- Plaster
- Cork
- High-Density Natural Stone



Rawlplug code	Colour	Volume	Quantity [pcs]		
			Box	Outer	Pallet
R-SL-FIX-01-HYBR	transparent	300ml	15	15	1260

R-SL-FIX-SBS

MOUNTING ADHESIVE SBS

Universal contact adhesive with very good adhesion to commonly used building materials. Recommended for renovation and finishing works in construction.

FEATURES AND BENEFITS

- Very good adhesion to wood, MDF, HDF, concrete, plaster, brick, metal, glass, hard PVC, and the most common materials in the building industry
- High bonding strength
- Remains flexible after hardening
- Ideal for renovations and finishing works
- Fast curing and effective penetration of the substrate

APPLICATIONS

- Installation of panels, profiles, moldings and wall skirtings.
- Bonding of window sills, plafonds, stone and ceramic tiles.
- Fixing of doorsteps, stairs and cornices.
- Should not be applied on styrofoam.

BASE MATERIALS

- Concrete
- Masonry
- Wood
- Plasterboard
- Oriented Strand Board
- High-Density Natural Stone
- PVC Profile
- Glass

Rawlplug code	Colour	Volume	Quantity [pcs]		
			Box	Outer	Pallet
R-SL-FIX-08-SBS	beige	300ml	15	15	1260

01

RAWLBAG 02

03

04

05

06

07

POS Offer
made by Rawlplug®

POS type of packaging	**364**
Combo pack	**366**
Rawlbag	**372**
Sets	**386**
Clip	**390**
B-pack packaging	**392**
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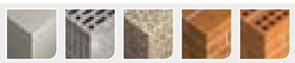
Jar packaging	**401**
Packaging for loose products	**404**
POS offer and color coding	**410**
Universal materials	**412**
Plasterboard	**415**
Solid walls	**417**
Timber	**422**
MIX of substrates	**428**
Display Racks	**429**

RAWLPLUG®

100 YEARS OF EXPERTISE IN FIXINGS, FASTENERS AND TOOLS

01 COMBO PACK

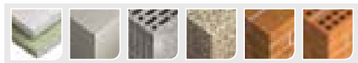


UNIVERSAL U

R-FF1 NYLON FRAME FIXING

Universal frame fixing for many applications countersunk head

Rawlplug code	Quantity in pack	Packaging size	Product [mm]		Quantity [pcs]		Bar Code
		[mm]	Diameter	Length	Box	Outer	
R-SL1-FF1N-08L080	26	125x55x187	8	80	12	12	5906675438955
R-SL1-FF1N-08L100	24	125x55x187	8	100	12	12	5906675438962
R-SL1-FF1N-08L120	20	125x55x187	8	120	12	12	5906675438979
R-SL1-FF1N-10L080	20	125x55x187	10	80	12	12	5906675438986
R-SL1-FF1N-10L100	16	125x55x187	10	100	12	12	5906675438993
R-SL1-FF1N-10L120	12	125x55x187	10	120	12	12	5906675439006



UNIVERSAL U

R-FF1 NYLON FRAME FIXING

Universal frame fixing for many applications countersunk head

Rawlplug code	Quantity in pack	Packaging size	Product [mm]		Quantity [pcs]		Bar Code
		[mm]	Diameter	Length	Box	Outer	
R-SL1-FF1N-10K080	20	125x55x187	10	80	12	12	5906675438924
R-SL1-FF1N-10K100	16	125x55x187	10	100	12	12	5906675438931
R-SL1-FF1N-10K120	12	125x55x187	10	120	12	12	5906675438948

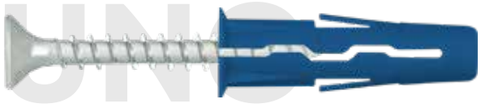
R-FFS FRAME FIXING WITH COLLAR HEX HEAD

Universal frame fixing for many applications

Rawlplug code	Quantity in pack	Packaging size	Product [mm]		Screw	Quantity [pcs]		Bar Code
		[mm]	Diameter	Length	[mm]	Box	Outer	
R-SL1-FFS-N-10K050	20	125x55x187	10	50	7x59	12	12	5906675473543
R-SL1-FFS-N-10K060	20	125x55x187	10	60	7x69	12	12	5906675473550
R-SL1-FFS-N-10K080	16	125x55x187	10	80	7x89	12	12	5906675473567
R-SL1-FFS-N-10K100	10	125x55x187	10	100	7x109	12	12	5906675473574
R-SL1-FFS-N-10K120	10	125x55x187	10	120	7x129	12	12	5906675473581

UNO UNIVERSAL PLUG

Truly universal plug which fixes into any base material, solid or hollow



Rawlplug code	Quantity in pack	Packaging size	Product [mm]		Screw	Quantity [pcs]		Bar Code
		[mm]	Diameter	Length	[mm]	Box	Outer	
R-SL1-UNO-05+3530	100	125x55x187	5	24	3.5x30	12	12	5906675438818
R-SL1-UNO-06+4035	100	125x55x187	6	28	4.0x35	12	12	5906675438825
R-SL1-UNO-07+4040	100	125x55x187	7	30	4.0x40	12	12	5906675438832
R-SL1-UNO-08+4540	100	125x55x187	8	32	4.5x40	12	12	5906675438849
R-SL1-UNO-10+5045	50	125x55x187	10	36	5.0x45	12	12	5906675438856

UNIVERSAL U

4ALL UNIVERSAL NYLON PLUG WITH SCREW

High performance nylon plug with screw for all types of substrates

Rawlplug code	Quantity in pack	Packaging size	Product [mm]		Screw	Quantity [pcs]		Bar Code
		[mm]	Diameter	Length	[mm]	Box	Outer	
R-SL1-4ALL-05+3530	100	125x55x187	5	25	3.5x30	12	12	5906675445502
R-SL1-4ALL-06+4540	100	125x55x187	6	30	4.5x40	12	12	5906675445519
R-SL1-4ALL-08+5060	50	125x55x187	8	40	5.0x60	12	12	5906675445533
R-SL1-4ALL-10+6060	25	125x55x187	10	50	6.0x60	12	12	5906675445557
R-SL1-4ALL06L+4560	60	125x55x187	6	50	4.5x60	12	12	5906675438887
R-SL1-4ALL08L+5080	40	125x55x187	8	65	4.5x80	12	12	5906675438900

PLASTERBOARD P

R-DRA SELF DRILL FIXING FOR PLASTERBOARD

Self-drilling light-duty nylon fixing for use in plasterboard sheets and gypsum fibreboards

Rawlplug code	Quantity in pack	Packaging size	Product [mm]		Screw	Quantity [pcs}		Bar Code
		[mm]	Diameter	Length	[mm]	Box	Outer	
R-SL1-DRA01	100	125x55x187	14	22		12	12	5906675438658
R-SL1-DRA01+3932	100	125x55x187	14	22	3.9x32	12	12	5906675438665
R-SL1-DRA02	100	125x55x187	13	31		12	12	5906675438672
R-SL1-DRA02+4534	100	125x55x187	13	31	4.5x34	12	12	5906675438689

R-SM INTERSET HOLLOW WALL ANCHOR

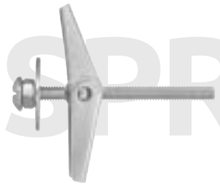
Interset fixing for permanent anchorages in cavity walls. Zinc-plated metal fixing with metric screw

Rawlplug code	Quantity in pack	Packaging size	Product [mm]		Quantity		Bar Code
		[mm]	Diameter	Length	Box	Outer	
R-SL1-SM04032	100	125x55x187	M4	32	12	12	5906675438726
R-SL1-SM04038	100	125x55x187	M4	38	12	12	5906675438733
R-SL1-SM04046	50	125x55x187	M4	46	12	12	5906675438740
R-SL1-SM05037	50	125x55x187	M5	37	12	12	5906675438757
R-SL1-SM05052	50	125x55x187	M5	52	12	12	5906675438764
R-SL1-SM05065	40	125x55x187	M5	65	12	12	5906675438771
R-SL1-SM06037	50	125x55x187	M6	37	12	12	5906675438788
R-SL1-SM06052	40	125x55x187	M6	52	12	12	5906675438795
R-SL1-SM06065	30	125x55x187	M6	65	12	12	5906675438801

PLASTERBOARD P

R-SPO SPRING TOGGLE

Spring toggle single or double thickness plasterboard and large fixtures



Rawlplug code	Quantity in pack	Packaging size	Product [mm]	Screw	Quantity [pcs}		Bar Code
		[mm]	Diameter		Box	Outer	
R-SL1-SPO3050	100	125x55x187	M3	M3x50 mm	12	12	5906675438702
R-SL1-SPO5050	80	125x55x187	M5	M5x50 mm	12	12	5906675438719

R-GPB TAP-IT HAMMER IN FIXING FOR PLASTERBOARD

Rawlplug code	Quantity in pack	Packaging size	Product [mm]		Screw	Quantity [pcs}		Bar Code
		[mm]	Diameter	Length	[mm]	Box	Outer	
R-SL1-GPB+4040	100	125x55x187	10,5	30	4.0x40	12	12	5906675438641

SOLID WALLS S

R-FX-N-L NYLON HAMMER-IN FIXING WITH COUNTERSUNK HEAD

The nylon hammer fixing with countersunk head for fast, simple, cost-effective installations

Rawlplug code	Quantity in pack	Packaging size	Product [mm]		Quantity [pcs]		Bar Code
		[mm]	Diameter	Length	Box	Outer	
R-SL1-FXN-05L040	100	125x55x187	5	40	12	12	5906675438467
R-SL1-FXN-06L040	100	125x55x187	6	40	12	12	5906675438474
R-SL1-FXN-06L060	50	125x55x187	6	60	12	12	5906675438481
R-SL1-FXN-06L080	50	125x55x187	6	80	12	12	5906675438498
R-SL1-FXN-08L060	25	125x55x187	8	60	12	12	5906675438504
R-SL1-FXN-08L080	25	125x55x187	8	80	12	12	5906675438511
R-SL1-FXN-08L100	25	125x55x187	8	100	12	12	5906675438528
R-SL1-FXN-08L120	25	125x55x187	8	120	12	12	5906675438535

SOLID WALLS S

R-FX-N-K

NYLON HAMMER-IN FIXING WITH MUSHROOM HEAD

The nylon hammer fixing with mushroom head for fast, simple, cost-effective installations

Rawlplug code	Quantity in pack	Packaging size	Product [mm]		Quantity [pcs]		Bar Code
		[mm]	Diameter	Length	Box	Outer	
R-SL1-FXN-06K040	100	125x55x187	6	40	12	12	5906675438542
R-SL1-FXN-06K060	50	125x55x187	6	60	12	12	5906675438559
R-SL1-FXN-06K080	50	125x55x187	6	80	12	12	5906675438566

R-FX-N-C

NYLON HAMMER-IN FIXING WITH CYLINDER HEAD

The nylon hammer fixing with cylinder head for fast, simple, cost-effective installations

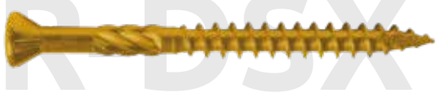
Rawlplug code	Quantity in pack	Packaging size	Product [mm]		Quantity [pcs]		Bar Code
		[mm]	Diameter	Length	Box	Outer	
R-SL1-FXN-05C025	100	125x55x187	5	25	12	12	5906675438573
R-SL1-FXN-05C035	100	125x55x187	5	35	12	12	5906675438580
R-SL1-FXN-06C040	100	125x55x187	6	40	12	12	5906675438597
R-SL1-FXN-06C060	50	125x55x187	6	60	12	12	5906675438603
R-SL1-FXN-06C080	50	125x55x187	6	80	12	12	5906675438610
R-SL1-FXN-08C060	25	125x55x187	8	60	12	12	5906675438634

TIMBER T

R-DSX

DECKING SCREWS

Decking screws for outdoor applications of wood and chipboard



Rawlplug code	Quantity in pack	Packaging size	Product [mm]		Quantity [pcs]		Bar Code
		[mm]	Diameter	Length	Box	Outer	
R-SL1-DSX-4030	400	125x55x187	4	30	12	12	5906675425610
R-SL1-DSX-4040	400	125x55x187	4	40	12	12	5906675425634
R-SL1-DSX-4050	200	125x55x187	4	50	12	12	5906675425641
R-SL1-DSX-4060	200	125x55x187	4	60	12	12	5906675425658
R-SL1-DSX-5050	200	125x55x187	5	50	12	12	5906675425665
R-SL1-DSX-5060	200	125x55x187	5	60	12	12	5906675425672
R-SL1-DSX-5070	150	125x55x187	5	70	12	12	5906675425689
R-SL1-DSX-5080	100	125x55x187	5	80	12	12	5906675425696
R-SL1-DSX-5100	100	125x55x187	5	100	12	12	5906675425702
R-SL1-DSX-5120	100	125x55x187	5	120	12	12	5906675425719

TIMBER T

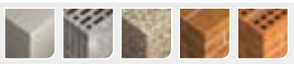
R-PTX

CONSTRUCTION SCREW WITH COUNTERSUNK HEAD AND PARTIAL THREAD

Construction screw with countersunk head and partial thread

Rawlplug code	Quantity in pack	Packaging size	Product [mm]			Quantity [pcs]	
		[mm]	Diameter	Length	Length L1	Box	Outer
R-SLM1-PTX-3016	200	125x55x94	3	16	10	12	12
R-SLM1-PTX-3020	200	125x55x94	3	20	12	12	12
R-SLM1-PTX-3025	170	125x55x94	3	25	15	12	12
R-SLM1-PTX-3030	150	125x55x94	3	30	17	12	12
R-SLM1-PTX-3035	120	125x55x94	3	35	21	12	12
R-SLM1-PTX-3516	200	125x55x94	3.5	16	16	12	12
R-SLM1-PTX-3520	200	125x55x94	3.5	20	12	12	12
R-SLM1-PTX-3525	170	125x55x94	3.5	25	15	12	12
R-SLM1-PTX-3530	150	125x55x94	3.5	30	17	12	12
R-SLM1-PTX-3535	120	125x55x94	3.5	35	21	12	12
R-SLM1-PTX-3540	100	125x55x94	3.5	40	24	12	12
R-SLM1-PTX-3545	100	125x55x94	3.5	45	25	12	12
R-SLM1-PTX-3550	80	125x55x94	3.5	50	30	12	12
R-SLM1-PTX-4030	150	125x55x94	4	30	17	12	12
R-SLM1-PTX-4035	120	125x55x94	4	35	21	12	12
R-SLM1-PTX-4040	100	125x55x94	4	40	25	12	12
R-SLM1-PTX-4045	100	125x55x94	4	45	25	12	12
R-SLM1-PTX-4050	100	125x55x94	4	50	30	12	12
R-SLM1-PTX-4060	70	125x55x94	4	60	35	12	12
R-SLM1-PTX-4070	50	125x55x94	4	70	40	12	12
R-SLM1-PTX-4535	100	125x55x94	4.5	35	19	12	12
R-SLM1-PTX-4540	80	125x55x94	4.5	40	25	12	12
R-SLM1-PTX-4545	80	125x55x94	4.5	45	25	12	12
R-SLM1-PTX-4550	70	125x55x94	4.5	50	30	12	12
R-SLM1-PTX-4560	50	125x55x94	4.5	60	35	12	12
R-SLM1-PTX-4570	40	125x55x94	4.5	70	40	12	12
R-SLM1-PTX-4580	30	125x55x94	4.5	80	50	12	12
R-SLM1-PTX-5035	80	125x55x94	5	35	19	12	12
R-SLM1-PTX-5040	60	125x55x94	5	40	25	12	12
R-SLM1-PTX-5045	60	125x55x94	5	45	25	12	12
R-SLM1-PTX-5050	50	125x55x94	5	50	30	12	12
R-SLM1-PTX-5055	40	125x55x94	5	55	35	12	12
R-SLM1-PTX-5060	30	125x55x94	5	60	35	12	12
R-SLM1-PTX-5070	20	125x55x94	5	70	40	12	12
R-SLM1-PTX-5080	20	125x55x94	5	80	50	12	12
R-SLM1-PTX-5090	20	125x55x94	5	90	50	12	12
R-SL1-PTX-50100	20	125x55x187	5	100	60	12	12
R-SL1-PTX-50120	20	125x55x187	5	120	60	12	12
R-SLM1-PTX-6060	50	125x55x94	6	60	35	12	12
R-SLM1-PTX-6070	40	125x55x94	6	70	40	12	12
R-SLM1-PTX-6080	30	125x55x94	6	80	50	12	12
R-SLM1-PTX-6090	25	125x55x94	6	90	50	12	12
R-SL1-PTX-60100	20	125x55x187	6	100	60	12	12
R-SL1-PTX-60110	20	125x55x187	6	110	60	12	12
R-SL1-PTX-60120	20	125x55x187	6	120	60	12	12
R-SL1-PTX-60130	20	125x55x187	6	130	60	12	12
R-SL1-PTX-60140	20	125x55x187	6	140	70	12	12
R-SL1-PTX-60150	20	125x55x187	6	150	70	12	12
R-SL1-PTX-60160	20	125x55x187	6	160	70	12	12

02 RAWLBAG

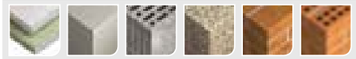


UNIVERSAL U

R-FF1 NYLON FRAME FIXING

Universal frame fixing for many applications - countersunk head

Rawlplug code	Quantity in pack	Packaging size	Product [mm]		Quantity [pcs]		Bar Code
		[mm]	Diameter	Length	Box	Outer	
R-S1-FF1N08L080/6	6	95x220	8	80	5	20	5906675310046
R-S1-FF1N08L100/6	6	95x220	8	100	5	20	5906675310060
R-S1-FF1N08L120/6	6	95x220	8	120	5	20	5906675310084
R-S1-FF1N10L080/6	6	95x220	10	80	5	20	5906675093505
R-S1-FF1N10L100/6	6	95x220	10	100	5	20	5906675093512
R-S1-FF1N10L120/4	4	95x220	10	120	5	20	5906675093543
R-S1-FF1N10L140/4	4	95x220	10	140	5	20	5906675093567
R-S1-FF1N10L160/4	4	95x220	10	160	5	5	5906675426679
R-S1-FF1N10L200/4	4	95x220	10	200	5	5	5906675426686



UNIVERSAL U

R-FF1 NYLON FRAME FIXING

Universal frame fixing for many applications - with collar

Rawlplug code	Quantity in pack	Packaging size	Product [mm]		Quantity [pcs]		Bar Code
		[mm]	Diameter	Length	Box	Outer	
R-S1-FF1N10K080/6	6	95x220	10	80	5	20	5906675093420
R-S1-FF1N10K100/6	6	95x220	10	100	5	20	5906675093444
R-S1-FF1N10K120/4	4	95x220	10	120	5	20	5906675093468
R-S1-FF1N10K140/4	4	95x220	10	140	5	20	5906675093482

R-FFS FRAME FIXING WITH COLLAR HEX HEAD

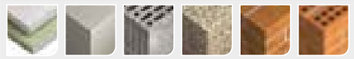
Universal frame fixing for many applications

Rawlplug code	Quantity in pack	Packaging size	Product [mm]		Screw	Quantity [pcs]		Bar Code
		[mm]	Diameter	Length	[mm]	Box	Outer	
R-S1-FFS-N10K050/8	8	095X220	10	50	7x59	5	12	5906675473628
R-S1-FFS-N10K060/8	8	095X220	10	60	7x69	5	12	5906675473635
R-S1-FFS-N10K080/4	4	095X220	10	80	7x89	5	12	5906675473642
R-S1-FFS-N10K100/4	4	095X220	10	100	7x109	5	12	5906675473659
R-S1-FFS-N10K120/4	4	095X220	10	120	7x129	5	12	5906675473666

UNO UNIVERSAL PLUG

Truly universal plug which fixes into any base material, solid or hollow

Rawlplug code	Quantity in pack	Packaging size	Product [mm]		Quantity [pcs]		Bar Code
		[mm]	Diameter	Length	Box	Outer	
R-S1-UNO-05/20	20	80x145	5	24	5	30	5906675159614
R-S1-UNO-05/50	50	95x165	5	24	5	25	5906675095424
R-S1-UNO-06/16	16	80x145	6	28	5	30	5906675159652
R-S1-UNO-06/50	50	95x165	6	28	5	25	5906675095448
R-S1-UNO-07/40	40	95x165	7	30	5	25	5906675095462
R-S1-UNO-08/12	12	80x145	8	32	5	30	5906675159690
R-S1-UNO-08/30	30	95x165	8	32	5	25	5906675095486
R-S1-UNO-10/20	20	95x165	10	36	5	25	5906675095516



UNO UNIVERSAL PLUG - MIX

Truly universal plug which fixes into any base material, solid or hollow

Rawlplug code	Quantity in pack	Packaging size [mm]	Product [mm]	Quantity [pcs] Box	Quantity [pcs] Outer	Bar Code
R-S1-UNO-BB	40; 20	95x220	7x30; 8x32	5	20	5906675095530
R-S1-UNO-RB	20; 20	95x165	6x28, 7x30	5	25	5906675095639
R-S1-UNO-RBB	20; 20; 20	95x165	5x24; 7x30; 8x32	5	25	5906675095653
R-S1-UNO-RBG	30; 20; 10	95x220	6x28; 8x32; 10x36	5	20	5906675095660
R-S1-UNO-YRB	10; 12; 8.	95x165	5x24; 6x28; 8x32	5	25	5906675095677
R-S1-UNO-YRBBG	20; 20; 15; 15; 10	95x220	5x24; 6x28; 7x30; 8x32; 10x36	5	20	5906675095707

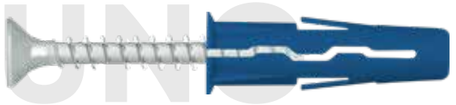
UNO UNIVERSAL PLUG WITH SCREW

Truly universal plug which fixes into any base material, solid or hollow

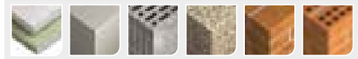
Rawlplug code	Quantity in pack	Packaging size [mm]	Product [mm] Diameter	Product [mm] Length	Screw	Quantity [pcs] Box	Quantity [pcs] Outer	Bar Code
R-S1-UNO-05+/12	12	080-145	5	24	3.5x30	5	30	5906675159638
R-S1-UNO-05+/24	24	095X165	5	24	4.0x35	5	25	5906675280479
R-S1-UNO-05+/40	40	095X165	5	24	3.5x30	5	25	5906675095431
R-S1-UNO-05+/50	50	95x165	5	25	3,5x30	5	25	5906675477541
R-S1-UNO-06+/10	10	080-145	6	28	4.0x35	5	30	5906675159676
R-S1-UNO-06+/24	24	095X165	6	28	4.5x40	5	25	5906675391991
R-S1-UNO-06+/36	36	095X165	6	28	4.0x35	5	25	5906675095455
R-S1-UNO-07+/24	24	095X165	7	30	4.0x40	5	25	5906675095479
R-S1-UNO-07+/50	50	95x165	7	30	4,0x40	5	25	5906675477558
R-S1-UNO-08+/20	20	095X165	8	32	4.5x40	5	25	5906675095509
R-S1-UNO-08+/8	8	080-145	8	32	4.5x40	5	30	5906675159713
R-S1-UNO-10+/15	15	095X165	10	36	5.0x45	5	25	5906675095523
R-S1-UNO-06+/50	50	095X220	6	28	4.0x35	5	15	5906675431666
R-S1-UNO-08+/50	50	145X220	8	32	4.5x40	5	10	5906675431673
R-S1-UNO-10+/50	50	145X220	10	36	5.0x45	5	10	5906675431680

UNO UNIVERSAL PLUG WITH SCREW - MIX

Truly universal plug which fixes into any base material, solid or hollow



Rawlplug code	Quantity in pack	Packaging size [mm]	Product [mm]	Screw	Quantity [pcs] Box	Quantity [pcs] Outer	Bar Code
R-S1-UNO-RB+	12/12	95x165	6x28, 7x30	4.0x30, 4.0x40	5	25	5906675095646
R-S1-UNO-YRB+	20;20;20	95x220	5x24; 6x28; 8x32	3.5x30, 4.0x35, 4.5x40	5	15	5906675095684
R-S1-UNO-YRBB+	10/10/8/8	95x165	5x24; 6x28; 7x30; 8x32	3.5x30, 4.0x30, 4.0x40, 4.5x40	5	25	5906675095691
R-S1-UNO-YRBBG+	10;10;10;10;10	95x220	5x24; 6x28; 7x30; 8x32; 10x36	3.5x30, 4.0x30, 4.0x40, 4.5x40, 5.0x45	5	15	5906675095714
R-S1-UNO-YRBBG+S	30/20/20/15/10	145x220	5x24; 6x28; 7x30; 8x32; 10x36	3.5x30, 4.0x30, 4.0x40, 4.5x40, 5.0x45	5	10	5906675095721



4ALL UNIVERSAL NYLON PLUG

High performance nylon plug for all types of substrates

Rawlplug code	Quantity in pack	Packaging size [mm]	Product [mm] Diameter	Product [mm] Length	Quantity [pcs] Box	Quantity [pcs] Outer	Bar Code
R-S1-4ALL-05/100	100	95x165	5	25	5	25	5906675093116
R-S1-4ALL-05/26	26	80x145	5	25	5	30	5906675064185
R-S1-4ALL-06/20	20	80x145	6	30	5	30	5906675064215
R-S1-4ALL-06/80	80	95x165	6	30	5	25	5906675093154
R-S1-4ALL-08/14	14	95x165	8	40	5	25	5906675064239
R-S1-4ALL-08/20	20	95x165	8	40	5	25	5906675093192
R-S1-4ALL-08/60	60	95x220	8	40	5	20	5906675093208
R-S1-4ALL-10/12	12	95x165	10	50	5	25	5906675093239
R-S1-4ALL-10/25	25	95x220	10	50	5	20	5906675093246
R-S1-4ALL-10/8	8	95x165	10	50	5	25	5906675064253
R-S1-4ALL-12/6	6	95x165	12	60	5	25	5906675310107
R-S1-4ALL-14/4	4	95x165	14	70	5	25	5906675310138

4ALL UNIVERSAL NYLON PLUG WITH SCREW

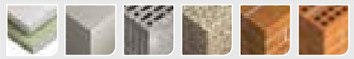
High performance nylon plug for all types of substrates

Rawlplug code	Quantity in pack	Packaging size [mm]	Product [mm] Diameter	Product [mm] Length	Screw	Quantity [pcs] Box	Quantity [pcs] Outer	Bar Code
R-S1-4ALL-05+/20	20	80x145	5	25	3.5x30	5	30	5906675064208
R-S1-4ALL-05+/40	40	95x165	5	25	3.5x30	5	25	5906675093123
R-S1-4ALL-06+/14	14	80x145	6	30	4.5x40	5	30	5906675064222
R-S1-4ALL-06+/30	30	95x165	6	30	4.5x40	5	25	5906675093161
R-S1-4ALL-08+/10	10	95x165	8	40	5.0x60	5	25	5906675064246
R-S1-4ALL-10+/10	10	95x165	10	50	6.0x60	5	25	5906675093253
R-S1-4ALL-10+/8	8	95x165	10	50	6.0x60	5	25	5906675064260

4ALL UNIVERSAL NYLON PLUG WITH HEXAGONAL SCREW

High performance nylon plug for all types of substrates

Rawlplug code	Quantity in pack	Packaging size [mm]	Product[mm] Diameter	Product[mm] Length	Screw [mm]	Quantity [pcs] Box	Quantity [pcs] Outer	Bar Code
R-S1-4ALL-12/100/4	4	95x165	12	60	8x100	5	25	5906675310114
R-S1-4ALL-12/80/4	4	95x165	12	60	8x80	5	25	5906675310121
R-S1-4ALL-14/100/2	2	95x165	14	70	10x100	5	25	5906675310145



UNIVERSAL U

4ALL UNIVERSAL NYLON PLUG WITH ANGLE HOOK

Rawlplug code	Quantity in pack	Packaging size	Product [mm]		Screw	Quantity [pcs]		Bar Code
		[mm]	Diameter	Length		Box	Outer	
R-S1-4ALL-05K/12	12	80x145	5	25	3.5x50	5	30	5906675093130
R-S1-4ALL-06K/10	10	80x145	6	30	3.5x50	5	30	5906675093178
R-S1-4ALL-08K/8	8	80x145	8	40	4.5x70	5	30	5906675093215
R-S1-4ALL-10SK/4	4;4	95x165	10	50	6.0x60; 6.0x80	5	25	5906675093260

4ALL UNIVERSAL NYLON PLUG WITH ROUND HOOK

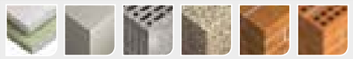
Rawlplug code	Quantity in pack	Packaging size	Product [mm]		Screw	Quantity [pcs]		Bar Code
		[mm]	Diameter	Length		Box	Outer	
R-S1-4ALL-05S/12	12	80x145	5	25	3.5x60	5	30	5906675093147
R-S1-4ALL-06S/10	10	80x145	6	30	3.5x60	5	30	5906675093185
R-S1-4ALL-08S/8	8	80x145	8	40	4.5x80	5	30	5906675093222

4ALL UNIVERSAL NYLON LONG PLUG WITH SCREW

Rawlplug code	Quantity in pack	Packaging size	Product [mm]		Screw	Quantity [pcs]		Bar Code
		[mm]	Diameter	Length		Box	Outer	
R-S1-4ALL-06L/12	12	95x165	6	50		5	25	5906675390789
R-S1-4ALL-06L+/8	8	95x165	6	50	4.5x60	5	25	5906675390840
R-S1-4ALL-08L/8	8	95x165	8	65		5	25	5906675390796
R-S1-4ALL-08L+/6	6	95x165	8	65	5.0x80	5	25	5906675390864

R-RNT RAWLNUT FLEXI PLUG

Easy-to-install plug giving exceptional resistance to vibration and corrosion



UNIVERSAL U

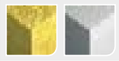
R-RNT RAWLNUT FLEXI PLUG cont.

Rawlplug code	Quantity in pack	Packaging size	Product [mm]		Quantity [pcs]		Bar Code
		[mm]	Diameter	Length	Box	Outer	
R-S1-RNT-10/55/2	2	80x145	M10	55	5	30	5906675094649
R-S1-RNT-12/80/1	1	80x145	M12	80	5	30	5906675094656
R-S1-RNT-4/12/10	10	80x145	M4	12	5	30	5906675094663
R-S1-RNT-4/24/8	8	80x145	M4	24	5	30	5906675094670
R-S1-RNT-5/14/6	6	80x145	M5	14	5	30	5906675503158
R-S1-RNT-5/25/6	6	80x145	M5	26	5	30	5906675094687
R-S1-RNT-5/38/6	6	80x145	M5	38	5	30	5906675094694
R-S1-RNT-6/16/4	4	80x145	M6	16	5	30	5906675503165
R-S1-RNT-6/27/4	4	80x145	M6	27	5	30	5906675094700
R-S1-RNT-6/35/4	4	80x145	M6	35	5	30	5906675094717
R-S1-RNT-8/28/4	4	80X145	M8	28	5	30	5906675503172
R-S1-RNT-8/30/4	4	80x145	M8	30	5	30	5906675094724
R-S1-RNT-8/50/2	2	80x145	M8	50	5	30	5906675094731

R-RNT RAWLNUT FLEXI PLUG WITH SCREW

Easy-to-install plug giving exceptional resistance to vibration and corrosion

Rawlplug code	Quantity in pack	Packaging size	Product [mm]		Screw	Quantity [pcs]		Bar Code
		[mm]	Diameter	Length	[mm]	Box	Outer	
R-S1-RNT-10/55+/2	2	80x145	M10	55	10x60	5	30	5906675390147
R-S1-RNT-4/24+/8	8	80x145	M4	24	4x30	5	30	5906675390109
R-S1-RNT-5/38+/6	6	80x145	M5	38	5x50	5	30	5906675390116
R-S1-RNT-6/35+/4	4	80x145	M6	35	6x50	5	30	5906675390123
R-S1-RNT-8/50+/2	2	80x145	M8	50	8x60	5	30	5906675390130



UNIVERSAL U

R-ISO-PLUG INSULATION FIXINGS

For fastening lightweight fixtures on insulated facades

Rawlplug code	Quantity in pack	Packaging size	Product [mm]		Quantity [pcs]		Bar Code
		[mm]	Diameter	Length	Box	Outer	
R-S1-ISOPLUG50/4	4	95x165	28	55	5	25	5906675094038
R-S1-ISOPLUG80/4	4	95x220	28	85	5	20	5906675094045

UNIVERSAL U

R-KEM II

STYRENE FREE POLYSTER RESIN

Universal polyester styrene free resin. Suitable for use in non-cracked concrete and wide range of solid or hollow masonry structures ETA for 15 substrates

Rawlplug code	Quantity [ml]	Set Contents Name	Set Contents Quantity	Packaging size [mm]	Quantity [pcs] Set	Quantity [pcs] Outer	Bar Code
R-KEM-II-175-SET	175	Nozzle	2	95x220	1	5	5906675057866
		Wire mesh sleeves 12x50 mm	4				
		R-STUDS 8x110 mm	4				
R-KEM-II-300-SET	300	Nozzle	2	95x165	1	5	5906675057859
		Wire mesh sleeves 16x85 mm	4				
		R-STUDS 10x130 mm	4				
R-S1-NOZ-KEM/5	5 pcs	Mixer to R-KEMII	5	145x290	1	10	5906675463568
R-S1-NOZ-KER/5	5 pcs	Mixer to R-KERII	5	145x290	1	10	5906675463575

PLASTIC MESH SLEEVES

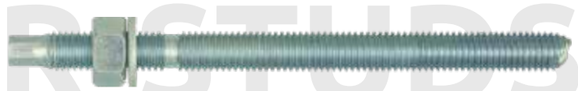
The sleeve for reduced mortar consumption and optimal mechanical interlock

Rawlplug code	Quantity in pack	Packaging size [mm]	Product [mm] Diameter	Product [mm] Length	Quantity [pcs] Box	Quantity [pcs] Outer	Bar Code
R-S1-PLS-12050/6	6	145x220	12	50	5	10	5906675094090
R-S1-PLS-15085/6	6	145x220	16	85	5	10	5906675094106
R-S1-PLS-15125/6	6	145x220	16	130	5	5	5906675094113
R-S1-PLS-20085/6	6	145x220	20	85	5	5	5010445606168

R-STUDS

METRIC THREADED RODS

Threaded rod with hexagonal head made of carbon steel class 5.8 for use with bonded anchors



Rawlplug code	Quantity in pack	Packaging size [mm]	Product [mm] Diameter	Product [mm] Length	Quantity [pcs] Box	Quantity [pcs] Outer	Bar Code
R-S1-STUDS08110/5	5	95x220	8	110	5	20	5010445604492
R-S1-STUDS10130/5	5	145x220	10	130	5	10	5010445604539
R-S1-STUDS12160/5	5	145x290	12	160	5	5	5010445604614
R-S1-STUDS16190/5	5	145X290	16	190	5	5	5906675486598

PLASTERBOARD P

R-DRA NYLON SELF DRILL FIXING

FOR PLASTERBOARD WITH SCREW

Nylon self-drilling light-duty nylon fixing for use in plasterboard sheets and gypsum fibreboards

Rawlplug code	Quantity in pack	Packaging size [mm]	Product [mm] Diameter	Product [mm] Length	Screw	Quantity [pcs} Box	Quantity [pcs} Outer	Bar Code
R-S1-DRA01/12	12	095X165	14	22	3.9x32	10	30	5010445070150
R-S1-DRA01/25	25	095X220	14	22	3.9x32	5	15	5010445070228
R-S1-DRA01/6	6	080-145	14	22	3.9x32	5	30	5010445070051
R-S1-DRA01/30	30	95x220	14	22	3,9x32	5	15	5906675348834

R-DRAM METAL SELF DRILL FIXING

FOR PLASTERBOARD WITH SCREW

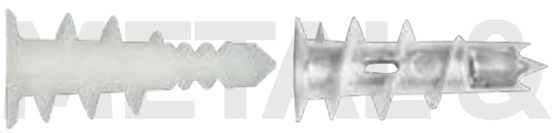
A self-drilling light-duty metal fixing for use in plasterboard sheets

Rawlplug code	Quantity in pack	Packaging size [mm]	Product [mm] Diameter	Product [mm] Length	Screw	Quantity [pcs} Box	Quantity [pcs} Outer	Bar Code
R-S1-DRA02/6	6	80x145	13	31	4.5x34	5	30	5010445071058
R-S1-DRA02/12	12	95x165	13	31	4.5x34	5	25	5010445071157
R-S1-DRA02/25	25	95x165	13	31	4.5x34	5	25	5010445071225
R-S1-DRA02/50	50	145x220	13	31	4.5x34	5	10	5010445071249
R-S1-DRA02/100	100	145x290	13	31	4.5x34	5	5	5010445071324
R-S1-DRA02/30	30	95x220	13	31	4,5x34	5	15	5906675399546

METAL & NYLON

SELF DRILL FIXING FOR PLASTERBOARD

Metal & Nylon self-drilling light-duty nylon fixing for use in plasterboard sheets and gypsum fibreboards



Rawlplug code	Quantity in pack	Packaging size [mm]	Product [mm] Diameter	Product [mm] Length	Quantity [pcs} Box	Quantity [pcs} Outer	Bar Code
R-S1-DRA01/02MIX	10; 10	95x165	13, 14	31, 22	5	25	5906675093338

METAL & NYLON

SELF DRILL FIXING WITH SCREW FOR PLASTERBOARD

A self-drilling light-duty metal fixing for use in plasterboard sheets

Rawlplug code	Quantity in pack	Packaging size	Product [mm]		Screw	Quantity [pcs}		Bar Code
		[mm]	Diameter	Length		Box	Outer	
R-S1-DRA01/02MIX+	8; 8	95x165	14	22	3.9x32	5	25	5906675093345

R-SM INTERSET

HOLLOW WALL ANCHOR

Interset fixing for permanent anchorages in cavity walls. Zinc-plated metal fixing with metric screw

Rawlplug code	Quantity in pack	Packaging size	Product [mm]		Quantity [pcs}		Bar Code
		[mm]	Diameter	Length	Box	Outer	
R-S1-SM04020/10	10	95x165	M4	20	5	25	5010445416033
R-S1-SM04020/6	6	80x145	M4	20	5	30	5010445416057
R-S1-SM04032/10	10	95x165	M4	32	5	25	5906675094755
R-S1-SM04032/6	6	80x145	M4	32	5	30	5906675094779
R-S1-SM04038/10	10	95x165	M4	38	5	25	5010445416194
R-S1-SM04038/20	20	95x165	M4	38	5	25	5010445416279
R-S1-SM04038/6	6	80x145	M4	38	10	30	5010445416255
R-S1-SM04046/20	20	95x220	M4	46	5	15	5906675094823
R-S1-SM04046/6	6	80x145	M4	46	5	30	5906675094830
R-S1-SM05037/10	10	95x165	M5	37	5	25	5010445416354
R-S1-SM05037/20	20	95x220	M5	37	5	15	5010445416378
R-S1-SM05037/6	6	80x145	M5	37	5	30	5010445416453
R-S1-SM05052/20	20	95x220	M5	52	5	15	5010445003769
R-S1-SM05052/6	6	80x145	M5	52	5	30	5906675094854
R-S1-SM05065/20	20	145x220	M5	65	5	10	5010445416576
R-S1-SM05065/6	6	80x145	M5	65	5	30	5906675064277
R-S1-SM06037/20	20	95x220	M6	37	5	15	5010445003776
R-S1-SM06037/6	6	80x145	M6	37	5	30	5906675094885
R-S1-SM06052/20	20	145x220	M6	52	5	10	5010445003783
R-S1-SM06052/6	6	80x145	M6	52	5	30	5906675094908
R-S1-SM06065/20	20	145x220	M6	65	5	10	5010445416675
R-S1-SM06065/4	4	80x145	M6	65	5	30	5906675094922
R-S1-SM04032K/6	6	80x145	M4 (angle hook)	32	5	30	5906675094786
R-S1-SM04032S/6	6	80x145	M4 (round hook)	32	5	30	5906675094793
R-S1-SM06037/10	10	95x165	M6	37	5	25	5906675094878

R-GPB TAP-IT

HAMMER IN FIXING FOR PLASTERBOARD WITH SCREW

Spring toggle single or double thickness plasterboard and large fixtures

Rawlplug code	Quantity in pack	Packaging size	Product [mm]		Screw	Quantity [pcs}		Bar Code
		[mm]	Diameter	Length		Box	Outer	
R-S1-GPB/12	12	95x165	10.5	30	4.0x40	5	25	5906675292632
R-S1-GPB/25	25	95x165	10.5	30	4.0x40	5	25	5906675292649
R-S1-GPB/50	50	95X220	10,5	30	4,0X40	5	20	5906675399614

R-SPO SPRING TOGGLE

Spring toggle single or double thickness plasterboard and large fixtures

Rawlplug code	Quantity in pack	Packaging size	Product [mm]	Screw	Quantity [pcs}		Bar Code
		[mm]	Diameter		Box	Outer	
R-S1-SPO3050/6	6	095X165	M3	50	5	25	5010445943652
R-S1-SPO5050/20	20	145X220	M5	50	5	10	5906675265841
R-S1-SPO5050/6	6	095X165	M5	50	5	25	5010445943690
R-S1-SPO5080/20	20	145X220	M5	80	5	10	5906675265858
R-S1-SPO5080/6	6	095X165	M5	80	5	25	5010445943713
R-S1-SPO6080/20	20	145X220	M6	80	5	10	5906675265865
R-S1-SPO6080/6	6	095X165	M6	80	5	25	5906675094939
R-S1-SPO3050/20	20	95X220	M3		10	20	5906675265834

SOLID WALLS S

R-XPT THROUGHBOLT

Throughbolt for non-cracked concrete

Rawlplug code	Quantity in pack	Packaging size	Product [mm]		Steel	Quantity [pcs]		Bar Code
		[mm]	Diameter	Length		Box	Outer	
R-S1-XPT08075/8	8	95x220	M8	75		5	20	5906675064109
R-S1-XPT08095/4	4	80x145	M8	95		5	30	5906675095820
R-S1-XPT08095/8	8	95x220	M8	95		5	20	5906675095837
R-S1-XPT08115/4	4	95x220	M8	115		5	20	5906675095844
R-S1-XPT08140/4	4	95x220	M8	140		5	20	5906675095851
R-S1-XPT10065/6	6	95x165	M10	65		5	25	5906675095868
R-S1-XPT10080/4	4	95x165	M10	80		5	25	5906675095882
R-S1-XPT10080/6	6	145x220	M10	80		5	10	5906675064116
R-S1-XPT10095/4	4	95x165	M10	95		5	25	5906675095899
R-S1-XPT10115/4	4	95x220	M10	115		5	20	5906675095912
R-S1-XPT10140/4	4	95x220	M10	140		5	20	5906675095929
R-S1-XPT12100/2	2	95x165	M12	100		5	25	5906675095936
R-S1-XPT12100/4	4	95x220	M12	100		5	20	5906675064130
R-S1-XPT12125/2	2	95x220	M12	125		5	20	5906675095943
R-S1-XPT16105/2	2	95x220	M16	105		5	20	5906675321363
R-S1-XPT-A408075/4	4	80x145	M8	75	A4	5	30	5906675096001
R-S1-XPT-A408075/6	6	95x165	M8	75	A4	5	25	5906675096018
R-S1-XPT-A408115/4	6	95x220	M8	115	A4	5	20	5906675096049
R-S1-XPT-A410065/4	4	95x165	M10	65	A4	5	25	5906675096056
R-S1-XPT-A410080/4	4	95x165	M10	80	A4	5	25	5906675096063
R-S1-XPT-A410095/4	4	95x165	M10	95	A4	5	25	5906675096070
R-S1-XPT-A410095/6	6	95x220	M10	95	A4	5	20	5906675096087
R-S1-XPT-A410140/4	4	95x220	M10	140	A4	5	20	5906675096094
R-S1-XPT-A412100/4	4	95x220	M12	100	A4	5	20	5906675096117

R-RBL RAWLBOLT LOOSEBOLT

World's most popular all-purpose expanding shield anchor - loose bolt version

Rawlplug code	Quantity in pack	Packaging size	Product [mm]		Quantity [pcs]		Bar Code
		[mm]	Diameter	Max thickness of the fixture (t_{fix})	Box	Outer	
R-S1-RBL-06E/2	2	80x145	M6		5	30	5906675094144
R-S1-RBL-06H/2	2	80x145	M6		5	30	5906675094175
R-S1-RBL-06H/5	5	90xx165	M6		5	25	5906675094182
R-S1-RBL-08E/2	2	95x165	M8		5	25	5906675094199
R-S1-RBL-08H/2	2	95x165	M8		5	25	5906675094212
R-S1-RBL-10E/4	4	95x220	M10		5	20	5906675399621
R-S1-RBL-10E/5	5	95x220	M10		5	20	5906675094236
R-S1-RBL-12E/2	2	95x220	M12		5	20	5906675094243
R-S1-RBL-M6/10/2	2	80x145	M6	10	5	30	5906675094359
R-S1-RBL-M6/10/5	5	95x165	M6	10	5	25	5906675094366
R-S1-RBL-M8/10/2	2	80x145	M8	10	5	30	5906675094410
R-S1-RBL-M8/10/4	4	95x165	M8	10	5	25	5906675322667
R-S1-RBL-M8/10/5	5	95x165	M8	10	5	25	5906675094427
R-S1-RBL-M8/25/5	5	95x165	M8	25	5	25	5906675094458
R-S1-RBL-M10/10/5	5	95x220	M10	10	5	20	5906675094267
R-S1-RBL-M10/25/2	2	95x165	M10	25	5	15	5906675094274
R-S1-RBL-M10/25/4	4	95x220	M10	25	5	15	5906675094281
R-S1-RBL-M10/25/5	5	95x220	M10	25	5	15	5906675094298
R-S1-RBL-M10/50/5	5	145x220	M10	50	5	10	5906675094304
R-S1-RBL-M10/75/5	5	145x290	M10	75	5	5	5906675094311
R-S1-RBL-M12/10/2	2	95x220	M12	10	5	20	5906675399638
R-S1-RBL-M12/10/5	5	145x220	M12	10	5	10	5906675094328
R-S1-RBL-M16/15/2	2	145x220	M16	15	5	10	5906675445793
R-S1-RBL-M16/30/2	2	145x290	M16	30	5	5	5906675445809

SOLID WALLS S

R-RBP RAWLBOLT - BOLT PROJECTING

World's most popular all-purpose expanding shield anchor - bolt projecting version

Rawlplug code	Quantity in pack	Packaging size	Product		Quantity		Bar Code
		[mm]	Diameter	Max thickness of the fixture (t_{fix})	Box	Outer	
R-S1-RBP-M8/25/5	5	95x165	M8	25	5	25	5906675094618
R-S1-RBP-M8/60/5	5	95x220	M8	60	5	20	5906675094632
R-S1-RBP-M10/60/5	5	145x220	M10	60	5	10	5906675094519
R-S1-RBP-M12/15/5	5	145x220	M12	15	5	10	5906675332512
R-S1-RBP-M12/30/5	5	145x220	M12	30	5	10	5906675094533
R-S1-RBP-M12/75/5	5	145x290	M12	75	5	5	5906675094557
R-S1-RBP-M6/25/2	2	80x145	M6	25	5	30	5906675094564
R-S1-RBP-M8/25/2	2	80x145	M8	25	5	30	5906675094601
R-S1-RBP-M10/15/5	5	95X220	M10	15	5	15	5906675094489

R-FX-N-L NYLON HAMMER-IN FIXING WITH COUNTERSUNK HEAD

The nylon hammer fixing with countersunk head for fast, simple, cost-effective installations

Rawlplug code	Quantity in pack	Packaging size	Product [mm]		Quantity [pcs]		Bar Code
		[mm]	Diameter	Length	Box	Outer	
R-S1-FX-N06L040/10	10	080-145	6	40	5	30	5906675093871
R-S1-FX-N06L040/16	16	095X165	6	40	5	25	5906675064178
R-S1-FX-N06L040/20	20	95x165	6	40	5	25	5906675093888
R-S1-FX-N06L040/30	30	095X220	6	40	5	20	5906675399553
R-S1-FX-N06L060/10	10	080-145	6	60	5	30	5010445214608
R-S1-FX-N06L060/20	20	095X220	6	60	5	20	5010445215520
R-S1-FX-N06L060-12	12	080-145	6	60	5	30	5906675071411
R-S1-FX-N06L080/10	10	095X165	6	80	5	25	5906675093895
R-S1-FX-N08L060/10	10	095X165	8	60	5	25	5906675093901
R-S1-FX-N08L060/20	20	095X220	8	60	5	15	5906675093918
R-S1-FX-N08L080/10	10	095X220	8	80	5	25	5010445214707
R-S1-FX-N08L080/16	16	95x220	8	80	5	20	5906675093925
R-S1-FX-N08L080/20	20	145X220	8	80	5	10	5010445215544
R-S1-FX-N08L080-12	12	095X220	8	80	5	20	5906675071435
R-S1-FX-N08L100/10	10	095X220	8	100	5	20	5010445214806
R-S1-FX-N08L100/20	20	145X220	8	100	5	10	5010445215568
R-S1-FX-N08L100-12	12	095X220	8	100	5	20	5906675071442
R-S1-FX-N08L120/10	10	095X220	8	120	5	20	5010445214905
R-S1-FX-N08L120/20	20	145X290	8	120	5	5	5010445215582
R-S1-FX-N08L140/6	6	095X220	8	140	5	20	5906675093932
R-S1-FX-N08L160/6	6	095X220	8	160	5	20	5906675093949

R-FX-N-K NYLON HAMMER-IN FIXING WITH MUSHROOM HEAD

The nylon hammer fixing with mushroom head for fast, simple, cost-effective installations

Rawlplug code	Quantity in pack	Packaging size	Product [mm]		Quantity [pcs]		Bar Code
		[mm]	Diameter	Length	Box	Outer	
R-S1-FX-N06K040/20	20	095X165	6	40	5	25	5906675093833
R-S1-FX-N06K060/20	20	095X220	6	60	5	20	5906675093864

SOLID WALLS S

R-FX-N-C

NYLON HAMMER-IN FIXING WITH CYLINDER HEAD

The nylon hammer fixing with cylinder head for fast, simple, cost-effective installations

Rawlplug code	Quantity in pack	Packaging size	Product [mm]		Quantity [pcs]		Bar Code
		[mm]	Diameter	Length	Box	Outer	
R-S1-FX-N06C040/20	20	095X165	6	40	5	25	5906675093802

R-LX

CONCRETE SCREW ANCHOR

Self-tapping concrete screwbolt

Rawlplug code	Quantity in pack	Packaging size	Product [mm]		Quantity [pcs]		Bar Code
		[mm]	Diameter	Length	Box	Outer	
R-S1-LXC06075Z/10	10	95x165	7.5	75	5	25	5906675230269
R-S1-LXC08090Z/10	10	145x220	10	90	5	10	5906675292816
R-S1-LXC10085Z/10	10	145x220	12.5	85	5	10	5906675292823
R-S1-LXH08075Z/10	10	95x220	10	75	5	20	5906675230245
R-S1-LXH08090Z/10	10	145x220	10	75	5	10	5010445007019
R-S1-LXH10085Z/10	10	145x220	12.5	185	5	10	5010445007026
R-S1-LXH10120Z/10	10	145x290	12.5	120	5	5	5906675091266
R-S1-LXHF05050Z/8	8	95x165	6.3	50	5	25	5906675292670
R-S1-LXHF06035Z/10	10	95x165	7.5	35	5	25	5906675402321
R-S1-LXHF06040Z/8	8	95x165	7.5	40	5	25	5906675402338
R-S1-LXHF06050Z/6	6	95x165	7.5	50	5	25	5906675292687
R-S1-LXHF06075Z/10	10	95x165	7.5	75	5	25	5906675230276
R-S1-LXHF06075Z/6	6	95x165	7.5	75	5	25	5906675292694
R-S1-LXHF08075Z/4	4	95x165	10	75	5	25	5906675292700
R-S1-LXHF08090Z/10	10	145x220	10	90	5	10	5906675329154
R-S1-LXHF08090Z/2	2	95x165	10	90	5	25	5906675393179
R-S1-LXHF08100Z/2	2	95x165	10	100	10	25	5906675312088
R-S1-LXHF10065Z/4	4	95x165	12.5	65	5	25	5906675292717
R-S1-LXHF10075Z/2	2	95x165	12.5	75	5	25	5906675393186
R-S1-LXHF10075Z/4	4	95x165	12.5	75	5	25	5906675310435
R-S1-LXHF10085Z/10	10	145x220	12.5	85	5	10	5906675329147
R-S1-LXHF10085Z/2	2	95x165	12.5	85	5	25	5906675292724
R-S1-LXHF10100Z/4	4	95x220	12.5	100	5	20	5906675292731
R-S1-LXHF10140Z/10	10	145x220	12.5	140	5	10	5906675329161
R-S1-LXHF14080Z/2	2	95x220	17	80	5	20	5906675402345
R-S1-LXE8-06055Z/6	6	95x165	7.5	55	5	25	5906675491677
R-S1-LXH08150Z/10	10	145X220	10	150	5	10	5906675230252
R-S1-LXH10140Z/10	10	145X290	12.5	140	5	5	5906675091273
R-S1-LXHF06100Z/4	4	95x165	7.5	100	5	25	5906675491653
R-S1-LXI08-0635/10	10	95x165	7.5	35	5	25	5906675419367
R-S1-LXI10-0635/10	10	95x165	7.5	35	5	25	5906675419374
R-S1-LXI810-0635/8	8	95x165	7.5	35	5	25	5906675491684
R-S1-LXP06040Z/10	10	95x165	7.5	40	5	25	5906675491691
R-S1-LXPX06050Z/8	8	95x165	7.5	50	5	25	5906675491660

TIMBER T

R-PTX

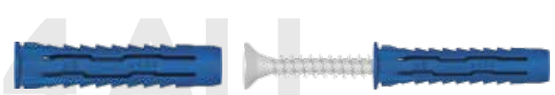
Construction screw with countersunk head and partial thread

Rawlplug code	Quantity in pack	Packaging size	Product [mm]			Quantity [pcs]	
		[mm]	Diameter	Length	Length L1	Box	Outer
R-S1-PTX-30016	50	80x145	3	16	10	5	30
R-S1-PTX-30020	48	80x145	3	20	12	5	30
R-S1-PTX-30025	42	80x145	3	25	15	5	30
R-S1-PTX-30030	40	80x145	3	30	17	5	30
R-S1-PTX-30035	34	80x145	3	35	21	5	30
R-S1-PTX-35016	46	80x145	3.5	16	16	5	30
R-S1-PTX-35020	40	80x145	3.5	20	12	5	30
R-S1-PTX-35025	40	80x145	3.5	25	15	5	30
R-S1-PTX-35030	34	80x145	3.5	30	17	5	30
R-S1-PTX-35035	30	80x145	3.5	35	21	5	30
R-S1-PTX-35040	30	80x145	3.5	40	24	5	30
R-S1-PTX-35045	26	80x145	3.5	45	25	5	30
R-S1-PTX-35050	24	80x145	3.5	50	30	5	30
R-S1-PTX-40030	28	80x145	4	30	17	5	30
R-S1-PTX-40035	26	80x145	4	35	21	5	30
R-S1-PTX-40040	24	80x145	4	40	25	5	30
R-S1-PTX-40045	22	80x145	4	45	25	5	30
R-S1-PTX-40050	18	80x145	4	50	30	5	30
R-S1-PTX-40060	16	80x145	4	60	35	5	30
R-S1-PTX-40070	14	80x145	4	70	40	5	30
R-S1-PTX-45035	22	80x145	4.5	35	19	5	30
R-S1-PTX-45040	20	80x145	4.5	40	25	5	30
R-S1-PTX-45045	18	80x145	4.5	45	25	5	30
R-S1-PTX-45050	16	80x145	4.5	50	30	5	30
R-S1-PTX-45060	14	80x145	4.5	60	35	5	30
R-S1-PTX-45070	12	80x145	4.5	70	40	5	30
R-S1-PTX-45080	10	80x145	4.5	80	50	5	30
R-S1-PTX-50035	18	80x145	5	35	19	5	30
R-S1-PTX-50040	14	80x145	5	40	25	5	30
R-S1-PTX-50045	13	80x145	5	45	25	5	30
R-S1-PTX-50050	12	80x145	5	50	30	5	30
R-S1-PTX-50055	11	80x145	5	55	35	5	30
R-S1-PTX-50060	10	80x145	5	60	35	5	30
R-S1-PTX-50070	9	80x145	5	70	40	5	30
R-S1-PTX-50080	8	80x145	5	80	50	5	30
R-S1-PTX-50090	7	80x145	5	90	50	5	30
R-S1-PTX-50100	6	80x145	5	100	60	5	30
R-S1-PTX-50120	4	95x165	5	120	60	5	25
R-S1-PTX-60060	7	80x145	6	60	35	5	30
R-S1-PTX-60070	6	80x145	6	70	40	5	30
R-S1-PTX-60080	5	80x145	6	80	50	5	30
R-S1-PTX-60090	5	80x145	6	90	50	5	30
R-S1-PTX-60100	4	80x145	6	100	60	5	30
R-S1-PTX-60110	4	95x165	6	110	60	5	25
R-S1-PTX-60120	4	95x165	6	120	60	5	25

03 SETS

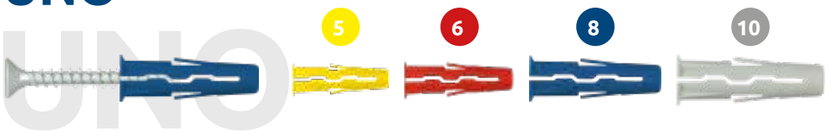
UNIVERSAL U

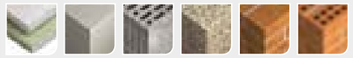
4ALL SETS



Rawlplug code	Description	Quantity [ml]	Packaging size [mm]	Set Contents Name	Set Contents Quantity [pcs]	Box	Outerbox	Bar Code
R-T1-4ALLMIX-01	Rawlplug Set of 4ALL universal nylon plugs [pack of 244]	244	250x186x52	4ALL-05	60	8	8	5906675439402
				4ALL-06	60			
				4ALL-06050	40			
				4ALL-08	40			
				4ALL-0065	20			
				4ALL-10	24			
R-T1-4ALLMIX-01+	Rawlplug Set of 4ALL universal nylon plugs with screws [pack of 340]	340	250x186x52	4ALL-05 + Screw	50 + 50	8	8	5906675439419
				4ALL-06 + Screw	60 + 60			
				4ALL-08 + Scerw	40 + 40			
				4ALL-10 + Screw	20 + 20			

UNO SETS





UNIVERSAL U

UNO SETS cont.

Rawlplug code	Description	Quantity [ml]	Packaging size [mm]	Set Contents Name	Set Contents Quantity [pcs]	Box	Outerbox	Bar Code
R-T1-UNOMIX-01+	Rawlplug Set of UNO plugs with screws [pack of 360]	360	250x186x52	UNO-05 + Screw	40 + 40	8	8	5906675439440
				UNO-06 + Screw	60 + 60			
				UNO-08 + Screw	50 + 50			
				UNO-10 + Screw	30 + 30			
R-T1-UNOMIX-02+	Rawlplug Set of UNO plugs with screws and bits [pack of 362]	362	250x186x52	UNO-05 + Screw	40 + 40	8	8	5906675439457
				UNO-06 + Screw	60 + 60			
				UNO-08 + Screw	50 + 50			
				UNO-10 + Screw	30 + 30			
				PZ2/25	1			
				PZ3/25	1			

SET OF PLUGS FOR PLASTERBOARD

Rawlplug code	Description	Quantity [ml]	Packaging size [mm]	Set Contents Name	Set Contents Quantity [pcs]	Box	Outerbox	Bar Code
R-T1-KIT-PL-01	Rawlplug Set of plugs for plasterboard [pack of 232]	212	250x186x52	SM-04038	20	8	8	5906675439433
				SM-04032K	6			
				SM-04032S	6			
				TOGLER-10 + Screw	10 + 10			
				DRA02 + Screw 4,5x34	20 + 10			
				DRA01 + Screw3932	20 + 20			
				UNO-06 + Screw	30 + 30			
				4ALL-08 + Screw	20 + 20			

PLASTERBOARD P

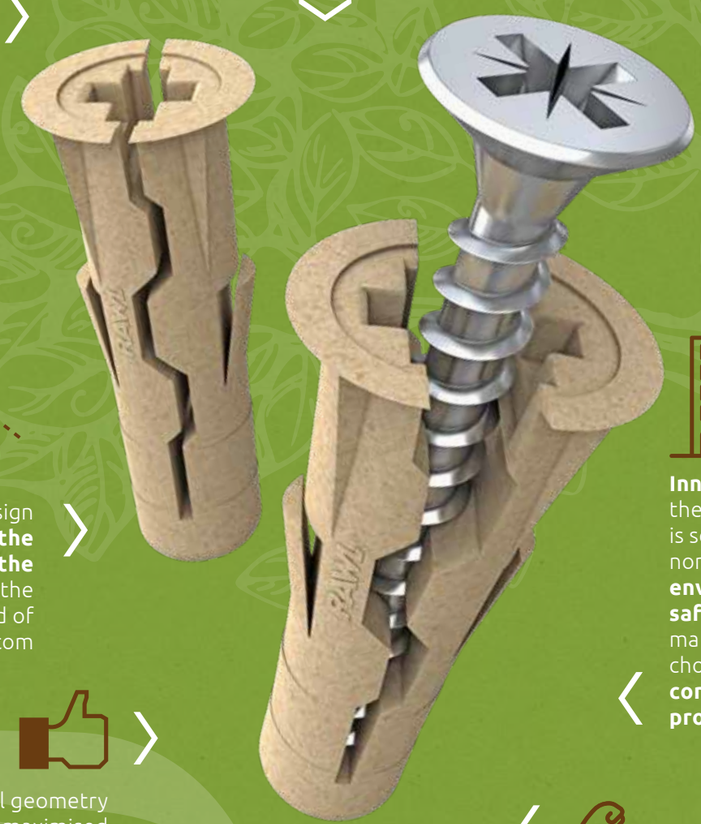
R-SM INTERSET SETS

Rawlplug code	Description	Quantity [ml]	Packaging size [mm]	Set Contents Name	Set Contents Quantity [pcs]	Box	Outerbox	Bar Code
R-T1-SMKIT-01	Rawlplug Interset [pack of 112]	112	250x186x52	SM-04032	20	8	8	5906675439464
				SM-04032K	6			
				SM-04032S	6			
				SM-04038	20			
				SM-05057	20			
				SM-05052	12			
				SM-06037	16			
				SM-06052	12			

UNIVERSAL, RELIABLE, **ECO-FRIENDLY**

Increased load capacity thanks to adding wood to the plug material

Flange **preventing the plug from slipping** inside the hole



Unique plug design which **initiates the expansion at the hole inlet** in the substrate, instead of at the hole bottom

Innovative mixture the Timber UNO is second to none in terms of **environmental safety**.This quality makes it a perfect choice for **green construction projects**

Exceptional geometry ensuring maximised expansion and **substrate adhesion**, making the Timber UNO a safe solution for all substrates and all applications

Anti-rotation fins preventing the sleeve from turning inside the hole during installation, which makes the plug exceptionally efficient in irregular and unstable holes

Two **symmetrically split halves of the plug** combined with two-directional expansion-based operation make it possible to achieve **high expansion force**

timber UNO®

PACKAGING TYPES

TIMBER UNO CLIP

Clip-strip packaging **made in as much as 70% of wood**. To clearly showcase our attention to the customer's convenience, **the screw diameters recommended for each plug diameter** are marked in a visible place on the packaging, along with **the diameter of the drill bit** to be used before the product can be installed. Besides the hanging option, the TIMBER UNO CLIP can also be presented in collective packaging, either on shelves or next to cash desks, which provides for the display itself.

PRODUCT CODE	Plug size [mm]	Quantity per CLIP	CLIP size [mm]	Quantity per item packaging	Quantity per collective pack-aging	Barcode
R-U1-YEL-96-C-TB	5 x 24	96	70 x 190 x 25	10	10	5906675466859
R-U1-RED-96-C-TB	6 x 28	96	75 x 200 x 30	10	10	5906675466842
R-U1-BRN-96-C-TB	7 x 30	96	80 x 220 x 30	10	10	5906675466835
R-U1-BLU-80-C-TB	8 x 32	80	85 x 205 x 35	10	10	5906675476339
R-U1-GRY-80-C-TB	10 x 36	80	95 x 240 x 45	10	10	5906675475110

100% BIODEGRADABLE B-PACK

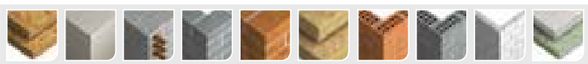
The BIO B-PACK bags represent a unique type of Rawlplug packaging:

- their **transparency** makes it possible to become perfectly familiar with the contents, while the design allows for both **hanging and standing display arrangement**;
- the B-PACK bags can be disposed into a biodegradable waste bin or a compost bin;
- the raw materials used in production of our **biodegradable containers** are corn, potatoes and wood;
- our BIO packaging consists of paper, transparent cellulose foil, metallised foil, cellulose foil, and starch, depending on the structure.

BIO BAG 100% DEGRADABLE

PRODUCT CODE	Plug size [mm]	Screw size [mm]	Quantity per unit packaging	Quantity per collective packaging
R-BIOS-UNOT-05/80	5 x 24	x	80	12
R-BIOS-UNOT-06/60	6 x 28	x	60	12
R-BIOS-UNOT-07/50	7 x 30	x	50	12
R-BIOS-UNOT-08/34	8 x 32	x	34	12
R-BIOS-UNOT-10/24	10 x 36	x	24	12
R-BIOS-UNOT-05+/40	5 x 24	3,5 x 30	40	12
R-BIOS-UNOT-06+/30	6 x 28	4,0 x 35	30	12
R-BIOS-UNOT-07+/26	7 x 30	4,0 x 40	26	12
R-BIOS-UNOT-08+/20	8 x 32	4,5 x 40	20	12
R-BIOS-UNOT-10+/14	10 x 36	5,0 x 45	14	12

04 CLIP



UNIVERSAL U

UNO UNIVERSAL PLUG

Truly universal plug which fixes into any base material, solid or hollow

Rawlplug code	Quantity in pack	Packaging type	Packaging size [mm]	Product [mm]	Quantity [pcs] Box	Quantity [pcs] Outer	Bar Code
R-U1-YEL-48-C	48	clip	70x190x13	5x24	20	20	5906675419312
R-U1-YEL-96-C	96	clip	70x190x25	5x24	10	10	5010445685002
R-U1-RED-48-C	48	clip	75x200x15	6x28	20	20	5010445685156
R-U1-RED-96-C	96	clip	75x200x30	6x28	10	10	5010445685200
R-U1-BRN-48-C	48	clip	80x220x16	7x30	20	20	5010445685552
R-U1-BRN-96-C	96	clip	80x220x30	7x30	10	10	5010445685606
R-U1-BLU-40-C	40	clip	85x205x18	8x32	20	20	5906675166735
R-U1-BLU-80-C	80	clip	85x205x35	8x32	10	10	5010445685958
R-U1-GRY-40-C	40	clip	95x240x23	10x36	20	20	5906675166797
R-U1-GRY-80-C	80	clip	95x240x45	10x36	10	10	5010445686153

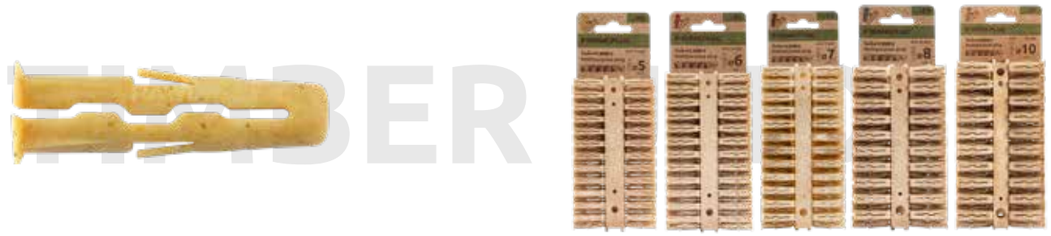
UNIVERSAL U

UNO UNIVERSAL PLUG cont.

Rawlplug code	Quantity in pack	Packaging type	Packaging size [mm]	Product [mm]	Quantity [pcs] Box	Quantity [pcs] Outer	Bar Code
R-U1-MIX-BRN-288	288	wrap	80x90x160	7x30	4	4	5010445685651
R-U1-MIX-RED-288	288	wrap	75x80x150	6x28	4	4	5010445685255
R-U1-MIX-RBRB-272	272	wrap	85x95x205	6x28; 7x30; 8x32	4	4	5010445686351
R-U1-MIX-RBRB-272D	272	wrap	85x95x205	6x28; 7x30; 8x30	4	4	5010445686368
R-U1-MIX-YRBR-144	144	wrap	80x45x220	5x24; 6x28; 7x30	10	10	5906675333939

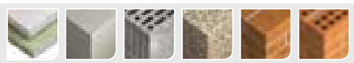
TIMBER UNO UNIVERSAL PLUG

Truly universal plug which fixes into any base material, solid or hollow



Rawlplug code	Quantity in pack	Packaging type	Packaging size [mm]	Product [mm]	Quantity [pcs] Box	Quantity [pcs] Outer	Bar Code
R-U1-BLU-80-C-TB	80	clip	85x205x18	8x32	10	10	5906675476339
R-U1-BRN-96-C-TB	96	clip	80x220x30	7x30	10	10	5906675466835
R-U1-GRY-80-C-TB	80	clip	95x240x45	10x36	10	10	5906675475110
R-U1-RED-96-C-TB	96	clip	75x200x30	6x28	10	10	5906675466842
R-U1-YEL-96-C-TB	96	clip	70x190x25	5x24	10	10	5906675466859

05 B-PACK PACKAGING

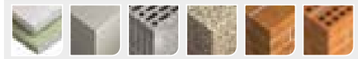


UNIVERSAL U

TIMBER UNO UNIVERSAL PLUG

Truly universal plug which fixes into any base material, solid or hollow

Rawlplug code	Quantity in pack	Packaging type	Packaging size [mm]	Product [mm]	Screw [mm]	Quantity [pcs] Box	Quantity [pcs] Outer	Bar Code
R-BIOS-UNOT-05+/40	40		110x185x65	5x24	3,5x30	12	12	5906675484341
R-BIOS-UNOT-05/80	80		110x185x65	5x24	-	12	12	5906675484297
R-BIOS-UNOT-06+/30	30		110x185x65	6x28	4,0x35	12	12	5906675484358
R-BIOS-UNOT-06/60	60		110x185x65	6x28	-	12	12	5906675484303
R-BIOS-UNOT-07/50	50		110x185x65	7x30	-	12	12	5906675484310
R-BIOS-UNOT-07+/26	26		110x185x65	7x30	4,0x40	12	12	5906675484365
R-BIOS-UNOT-08+/20	20		110x185x65	8x32	4,5x40	12	12	5906675484372
R-BIOS-UNOT-08/34	34		110x185x65	8x32	-	12	12	5906675484327
R-BIOS-UNOT-10+/14	14		110x185x65	10x36	5,0x45	12	12	5906675484389
R-BIOS-UNOT-10/24	24		110x185x65	10x36	-	12	12	5906675484334



UNIVERSAL U

UNO UNIVERSAL PLUG

Truly universal plug which fixes into any base material, solid or hollow

Rawlplug code	Quantity in pack	Packaging size [mm]	Product [mm] Diameter	Product [mm] Length	Quantity [pcs] Box	Quantity [pcs] Outer	Bar Code
R-PDM-UNOBR/300	300	160x265x80	7	30	5	5	5906675393933
R-PDM-UNORED/300	300	160x265x80	6	28	5	5	5906675393926
R-PDXL-UNOYRB	200;300;300	300x160x350	5x24; 6x28; 7x30		4	4	

UNO UNIVERSAL PLUG WITH SCREW

Truly universal plug which fixes into any base material, solid or hollow

Rawlplug code	Quantity in pack	Packaging size [mm]	Product [mm] Diameter	Product [mm] Length	Screw	Quantity [pcs] Box	Quantity [pcs] Outer	Bar Code
R-PDL-UNOBB+	200;150	210x310x110	7x30; 8x32		4.5x40 5.0x45	6	6	5906675098241
R-PDL-UNOBR/350+	350	210x310x110	7	30	4.0x35	5	5	5906675393919
R-PDL-UNORED/500+	500	210x310x110	6	28	4.0x30	5	5	5906675393902
R-PDS-UNORB+	10;10	110x185x65	6x28, 7x30		4.0x35 4.5x40	16	16	5906675097985

4ALL UNIVERSAL NYLON PLUG

High performance nylon plug for all types of substrates

Rawlplug code	Quantity in pack	Packaging size [mm]	Product [mm] Diameter	Product [mm] Length	Quantity [pcs] Box	Quantity [pcs] Outer	Bar Code
R-PDL-4ALLMIX	120;80;50	210x310x110	6x30; 8x40; 10x50		6	6	5906675098135

4ALL UNIVERSAL NYLON PLUG WITH SCREW

High performance nylon plug for all types of substrates

Rawlplug code	Quantity in pack	Packaging size [mm]	Product [mm] Diameter	Product [mm] Length	Screw [mm]	Quantity [pcs] Box	Quantity [pcs] Outer	Bar Code
R-PDL-4ALLMIX+	100;60;30	210x310x110	6x30; 8x40; 10x50		4.5x40	6	6	5906675098159

PLASTERBOARD P

SELF DRILL FIXING FOR PLASTERBOARD WITH SCREW

Self-drilling light-duty nylon fixing for use in plasterboard sheets and gypsum fibreboards

Rawlplug code	Quantity in pack	Packaging size	Product [mm]		Screw	Quantity [pcs]		Bar Code
		[mm]	Diameter	Length	[mm]	Box	Outer	
R-PDL-DRA02/200	200	210x310x110	13	31		5	5	5906675393940
R-PDL-DRAMIX+	100;100	210x310x110	13, 14	31, 22	3.9x32	6	6	5906675098197
R-PDM-DRAMIX	80;80	160x265x80	13, 14	31, 22		10	10	5906675098371
R-PDM-DRAMIX+	50;50	160x265x80	13, 14	31, 22	3.9x32	10	10	5906675098364
R-PDS-DRAMIX	20;20	110x185x65	13, 14	31, 22		16	16	5906675098005
R-PDS-DRAMIX+	16;16	110x185x65	13, 14	31, 22	3.9x32	16	16	5906675097992
R-PDXL-DRA01/800	800	300x350x160	14	22		4	4	5906675097824
R-PDL-SMDRA+	100;100	210x310x110	M4x32; 14x22		3.9x32	6	6	5906675098203

R-SM INTERSET HOLLOW WALL ANCHOR

Interset fixing for permanent anchorages in cavity walls. Zinc-plated metal fixing with metric screw

Rawlplug code	Quantity in pack	Packaging size	Product [mm]		Quantity [pcs}		Bar Code
		[mm]	Diameter	Length	Box	Outer	
R-PDXL-SM04032/500	500	300x160x350	M4	32	4	4	5906675097879
R-PDXL-SM05037/300	300	300x160x350	M5	37	4	4	5906675097886
R-PDXL-SM06052/200	200	300x160x350	M6	52	4	4	5906675097893

SOLID WALLS S

R-FX-N-L, R-FX-N-K NYLON HAMMER-IN FIXING

The nylon hammer fixing with countersunk head for fast, simple, cost-effective installations

FX-N-L countersunk head

Rawlplug code	Quantity in pack	Packaging size	Product [mm]		Quantity [pcs]		Bar Code
		[mm]	Diameter	Length	Box	Outer	
R-PDM-06L040/100	100	160x265x80	6	40	10	10	5906675098388
R-PDM-06L060/100	100	160x265x80	6	60	10	10	5906675098395
R-PDXL-06L040/600	600	300x350x160	6	40	4	4	5906675097794

B-PACK & RAWLBAG 06 SOLUTIONS KITS

SOLUTIONS KITS SK

R-PDS1-SWINGSET1 SOLUTION INTENDED FOR CEILINGS

Swing Set- Single-point swing fastening - to the ceiling

Rawlplug code	Content of the package	qty in pack	Outer box (packs)
R-PDS1-SWINGSET1	RAWLBOLT SHIELD ANCHOR EYE BOLT M10 ZINC PLATED	1	10
	SNAP HOOK CARABINER 8X80 MM ZINC PLATED	1	

R-PDS1-SWINGSET2 SOLUTION INTENDED FOR CEILINGS

Swing Set - Two-point swing fastening - to the ceiling

R-PDS1-SWINGSET2 SOLUTION INTENDED FOR CEILINGS cont.

Rawlplug code	Content of the package	qty in pack	Outer box (packs)
R-PDS1-SWINGSET2	RAWLBOLT SHIELD ANCHOR EYE BOLT M10 ZINC PLATED	2	10
	SNAP HOOK CARABINER 6X60 MM ZINC PLATED	2	

R-PDM1-SWINGSET1 SOLUTION INTENDED FOR WOODEN STRUCTURES

Swing Set- Single-point swing fastening for wooden structures

Rawlplug code	Content of the package	qty in pack	Outer box (packs)
R-PDM1-SWINGSET1	CLOSED HOOK M10X180 / 220 FLAKE GALVANIZED	1	10
	EXTENDED WASHER, M10 FLAKE GALVANIZED	1	
	M10 SELF-LOCKING NUT M10, FLAKE GALVANIZED	1	
	SNAP HOOK CARABINER 8X80 MM ZINC PLATED	1	

R-PDM1-SWINGSET2 SOLUTION INTENDED FOR WOODEN STRUCTURES

Swing Set- Two-point swing fastening to wooden structures

Rawlplug code	Content of the package	qty in pack	Outer box (packs)
R-PDM1-SWINGSET2	CLOSED HOOK M10X180 / 220 FLAKE GALVANIZED	2	10
	EXTENDED WASHER, M10 FLAKE GALVANIZED	2	
	M10 SELF-LOCKING NUT M10, FLAKE GALVANIZED	2	
	SNAP HOOK CARABINER 8X80 MM ZINC PLATED	2	

R-PDL1-SWINGSET1 SOLUTION FEATURING A BONDED ANCHOR INTENDED FOR DIVERSE SUBSTRATES

Swing set - Two-point swing fastening to ceiling

Rawlplug code	Content of the package	qty in pack	Outer box (packs)
R-PDL1-SWINGSET1	POLYESTER RESIN STYRENE FREE 175ML	1	6
	CLOSED HOOK M10X80 ZINC PLATED	2	
	PLASTIC MESH SLEEVES 16X85 MM	4	
	SNAP HOOK CARABINER 8X80 MM ZINC PLATED	2	

R-PDS-BAT BATHROOM ACCESSORY KIT

Small kit of fasteners suitable for fixings of sanitary accessories and appliances, i.e. sinks, toilets, shelves and bathroom furniture

Rawlplug code	Quantity in pack	Packaging size [mm]	Product	Drill [mm]	Quantity Box	Quantity Outer	Bar Code
R-PDS-BAT	set	110x185x65	6x28; 7x32; M5x37;13x31 4.0x45; 5.0x50	10	16	16	5906675098036

R-PDS-CPT CURTAIN POLE KIT

Rawlplug code	Quantity in pack	Packaging size [mm]	Product	Drill [mm]	Quantity Box	Quantity Outer	Bar Code
R-PDS-CPT	10;1	95x165	7x30; 4.5x50	7	16	16	5906675098081

R-PDS-FSTV1 FLAT SCREEN TV KIT

Small kit of plugs with masonry drill for fixing of flat screen TV sets on hollow walls

Rawlplug code	Quantity in pack	Packaging size [mm]	Product	Drill [mm]	Quantity Box	Quantity Outer	Bar Code
R-PDS-FSTV1	6	110x185x65	M5x37	10	16	16	5906675098050

R-PDS-FSTV2 FLAT SCREEN TV KIT

Small kit of frame fixings with masonry drill for fixing of flat screen TV sets on solid walls

Rawlplug code	Quantity in pack	Packaging size [mm]	Product Diameter	Product Length	Drill [mm]	Quantity Box	Quantity Outer	Bar Code
R-PDS-FSTV2	6;1	110x185x65	8	100	8	16	16	5906675098067

R-PDS-GAR GARDEN GATE KIT

Plugs with masonry drill for fixing of home appliances on hollow and solid walls

KT-10x50 **x4**

10 mm **x1**

Rawlplug code	Quantity in pack	Packaging size	Product		Drill	Quantity		Bar Code
		[mm]	Diameter	Length	[mm]	Box	Outer	
R-PDS-GAR	4;1	110x185x65	10	50	10	16	16	5906675098104

R-PDS-HAN HANGING BASKET KIT

Small kit of universal UNO plugs for fixing of hollow and solid walls

UNO-08 **x6**

8 mm **x1**

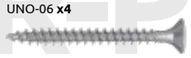
5,0x50 mm **x6**

Rawlplug code	Quantity in pack	Packaging size	Product		Drill	Quantity		Bar Code
		[mm]	Diameter	Length	[mm]	Box	Outer	
R-PDS-HAN	6;1	110x185x65	8	32	8	16	16	5906675098043

R-PDS-MIR MIRROR FIXING KIT

UNO-06 **x4**

6 mm **x1**


4,0x40 mm **x4**

Rawlplug code	Quantity in pack	Packaging size	Product		Drill	Quantity		Bar Code
		[mm]	Diameter	Length	[mm]	Box	Outer	
R-PDS-MIR	4;1	110x185x65	6	28	6	16	16	5906675098012

R-PDS-OUTL OUTSIDE LIGHT KIT

Small kit of universal 4ALL plugs with masonry drill for fixing of medium load elements on solid walls

4ALL-08 **x8**

8 mm **x1**

5,0x60 mm **x8**

BIT-PZ2 **x1**

Rawlplug code	Quantity in pack	Packaging size	Product		Drill	Quantity		Bar Code
		[mm]	Diameter	Length	[mm]	Box	Outer	
R-PDS-OUTL	4;1	110x185x65	8	40	8	16	16	5906675098074

R-PDS-RAD RADIATOR FIXING KIT

Small kit of screws and universal UNO plugs for fixing of home appliances on hollow and solid walls

UNO-07 **x6**

SM-M5x52 mm **x6**

4,5x50 mm **x6**

7 mm **x1**

Rawlplug code	Quantity in pack	Packaging size	Product		Drill	Quantity		Bar Code
		[mm]	Diameter	Length	[mm]	Box	Outer	
R-PDS-RAD	6;6;1	110x185x65	7x30; M5x52; 4.5x50		7	16	16	5906675098098

R-PDS-SHE SHELVING KIT

Small kit of universal UNO plugs with masonry drill for fixing of shelves and cupboards on hollow and solid walls

UNO-06 **x4**

4,0x40 mm **x4**

4,5x50 mm **x4**

6 mm **x1**

7 mm **x1**

UNO-07 **x4**

Rawlplug code	Quantity in pack	Packaging size	Product		Drill	Quantity		Bar Code
		[mm]	Diameter	Length	[mm]	Box	Outer	
R-PDS-SHE	4;4;1;1	110x185x65	6x28; 7x30; 4.0x40; 4.5x50		6 & 7	16	16	5906675098029

R-S1-BAC BATHROOM ACCESORY KIT

Small Set of plugs for fixing of bathroom appliences on hollow and solid walls

UNO-06 **x6**

4,0x45 mm **x6**

5,0x50 mm **x6**

UNO-07 **x6**

DRAM-05 **x6**

INTERSET 5x37 mm **x6**

Rawlplug code	Quantity in pack	Packaging size	Product		Drill	Quantity		Bar Code
		[mm]	Diameter	Length	[mm]	Box	Outer	
R-S1-BAC	6;6;6;6	95x165	6x28; 7x30;M5x37;13x31: 4.0x45; 5.0x50		6 & 7	16	16	5906675098104

R-S1-FSHWD FLAT SCREEN TV KIT

KD 8x100mm **x6**

8 mm **x1**

Rawlplug code	Quantity in pack	Packaging size	Product		Drill	Quantity		Bar Code
		[mm]	Diameter	Length	[mm]	Box	Outer	
R-S1-FSHWD	6;1	95x220	8	100	8	5	20	5906675064093

SOLUTIONS KITS SK

R-S1-FSLW FLAT SCREEN TV KIT

SM M5x37 mm **x6**

10 mm **x1**

Rawlplug code	Quantity in pack	Packaging size	Product		Drill	Quantity		Bar Code
		[mm]	Diameter	Length	[mm]	Box	Outer	
R-S1-FSLW	6;1	95x165	M5x37		10	5	25	5906675063430

R-S1-GAR GARDEN GATE FIXING KIT

KT-10x50 **x4**

10 mm **x1**

Rawlplug code	Quantity in pack	Packaging size	Product		Drill	Quantity		Bar Code
		[mm]	Diameter	Length	[mm]	Box	Outer	
R-S1-GAR	4;1	95x165	M8x50		10	5	25	5906675063416

R-S1-MC-02 MIRROR FIXING KIT

MC-02 **x4**

Rawlplug code	Quantity in pack	Packaging size	Product [mm]		Quantity		Bar Code
		[mm]	Diameter	Length	Box	Outer	
R-S1-MC-02	4	80x145	4	35	5	25	5906675423494

R-S1-RAD RADIATOR FIXING KIT

UNO-07 **x6**

5.0x50 mm **x6**

SM-M5x52 mm **x6**

7 mm **x1**

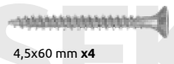
Rawlplug code	Quantity in pack	Packaging size	Product		Drill	Quantity		Bar Code
		[mm]	Diameter	Length	[mm]	Box	Outer	
R-S1-RAD	6; 6; 1	95x165	7x30; M5x52; 5.0x50		7	5	30	5906675063379

R-S1-SFK SANITARY FIXING KIT

Small kit of universal UNO plugs and solid plugs for a simple Toilet installation

UNO 07 **x2**

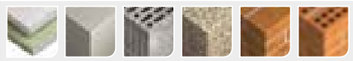
8,0x40 **x4**


4,5x60 mm **x4**

PMN **x2** PMP **x2**

Rawlplug code	Quantity in pack	Packaging size	Product		Drill	Quantity		Bar Code
		[mm]	Diameter	Length	[mm]	Box	Outer	
R-S1-SFK	4;2	95x165	7x30; 8x40; 4.5x60		7 & 8	5	10	5906675091334

07 JAR PACKAGING



UNIVERSAL U

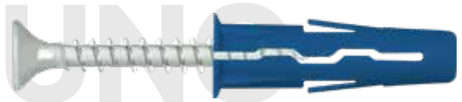
UNO UNIVERSAL PLUG

Truly universal plug which fixes into any base material, solid or hollow

Rawlplug code	Quantity in pack	Packaging size	Product [mm]		Screw	Quantity [pcs]		Bar Code
		[mm]	Diameter	Length		Box	Outer	
R-C1-UNOBLU	500	110x110x210	8	32	-	1	6	5906675399607
R-C1-UNOBRN	700	110x110x210	7	30	-	1	6	5906675399591
R-C1-UNOMIX-RBR	800	110x110x210	6/7	28/30	-	1	6	5906675473253
R-C1-UNORED	1000	110x110x210	6	28	-	1	6	5906675399584

UNO UNIVERSAL PLUG WITH SCREW

Truly universal plug which fixes into any base material, solid or hollow



R-CC1 R-C1

UNIVERSAL U

UNO
UNIVERSAL PLUG WITH SCREW cont.

Rawlplug code	Quantity in pack	Packaging size	Product [mm]		Screw	Quantity [pcs]		Bar Code
		[mm]	Diameter	Length		Box	Outer	
R-C1-UNOBRN+	450	110x110x210	7	30	4.0x40	1	6	5906675435244
R-C1-UNORED+	500	110x110x210	6	28	4.5x40	1	6	5906675435251
R-C1-UNOBRN+4540	450	110x110x210	7	30	4.5X40	1	6	5906675504032
R-C1-UNORED+4040	500	110x110x210	6	28	4,0X40	1	6	5906675504025
R-C1-UNOBLU+	300	110x110x210	8	32	4.5x40	1	6	5906675445380
R-C1-UNOGRY+	200	110x110x210	10	36	5.0x45	1	6	5906675445397
R-CC1-UNOBRN+	450	110x110x110	7	30	4.0x40	1	12	5906675473307
R-CC1-UNORED+	500	110x110x110	6	28	4.5x40	1	12	5906675473314

4ALL
UNIVERSAL NYLON PLUG

High performance nylon plug for all types of substrates

Rawlplug code	Quantity in pack	Packaging size	Product [mm]		Quantity [pcs]		Bar Code
		[mm]	Diameter	Length	Box	Outer	
R-C1-4ALL06	1000	110x110x210	6	30	1	6	5906675433110
R-C1-4ALL08	400	110x110x210	8	40	1	6	5906675432861
R-C1-4ALL10	180	110x110x210	10	50	1	6	5906675493503

4ALL
UNIVERSAL NYLON PLUG WITH SCREW

High performance nylon plug for all types of substrates

Rawlplug code	Quantity in pack	Packaging size	Product [mm]		Screw	Quantity [pcs]		Bar Code
		[mm]	Diameter	Length		Box	Outer	
R-C1-4ALL06+	500	110x110x210	6	30	4.5x40	1	6	5906675435220
R-C1-4ALL08+	200	110x110x210	8	40	5.0x60	1	6	5906675435237
R-C1-4ALL10+	100	110x110x210	10	50	6.0x60	1	6	5906675441016

PLASTERBOARD P

R-DRA SELF DRILL FIXING
FOR PLASTERBOARD WITH SCREW

Self-drilling light-duty nylon fixing for use in plasterboard sheets and gypsum fibreboards

Rawlplug code	Quantity in pack	Packaging size	Product [mm]		Screw	Quantity [pcs]		Bar Code
		[mm]	Diameter	Length	[mm]	Box	Outer	
R-C1-DRA01+	300	110x110x210	14	22	3.9x32	1	6	5906675399560
R-C1-DRA02+	400	110x110x210	13	31	4.5x34	1	6	5906675399577
R-CC1-DRA02+	400	110x110x110	13	31	4.5x34	1	12	5906675473338

SOLID WALLS S

R-FX-N-L
NYLON HAMMER-IN FIXING WITH COUNTERSUNK HEAD

The nylon hammer fixing with countersunk head for fast, simple, cost-effective installations

Rawlplug code	Quantity in pack	Packaging size	Product [mm]		Quantity [pcs]		Bar Code
		[mm]	Diameter	Length	Box	Outer	
R-C1-FX-N-05L030	700	110x110x210	5	30	1	6	5906675384009
R-C1-FX-N-06L040	300	110x110x210	6	40	1	6	5906675384023
R-C1-FX-N-06L060	170	110x110x210	6	60	1	6	5906675384047

R-FX-N-C
NYLON HAMMER-IN FIXING WITH CYLINDER HEAD

The nylon hammer fixing with cylinder head for fast, simple, cost-effective installations

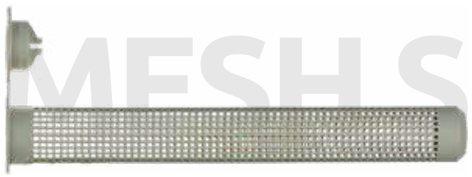
Rawlplug code	Quantity in pack	Packaging size	Product [mm]		Quantity [pcs]		Bar Code
		[mm]	Diameter	Length	Box	Outer	
R-C1-FX-N-05C030	700	110x110x210	5	30	1	6	5906675383996
R-C1-FX-N-06C040	300	110x110x210	6	40	1	6	5906675384016
R-C1-FX-N-06C060	170	110x110x210	6	60	1	6	5906675384030
R-C1-FX-N-08C060	130	110x110x210	8	60	1	6	5906675439211
R-C1-FX-N-08C080	100	110x110x210	8	80	1	6	5906675439235
R-C1-FX-N-08C100	70	110x110x210	8	100	1	6	5906675439242

08 PACKAGING FOR LOOSE PRODUCTS

UNIVERSAL U

PLASTIC MESH SLEEVES

Plastic mesh sleeves for reduced mortar consumption and optimal mechanical interlock for masonry



Rawlplug code	Packaging size	Product		Quantity		Bar Code
		Diameter	Sleeve	Box	Outerbox	
	mm	mm	mm	pcs	pcs	
R-P3-PLS-12050-10	346x104x119	Ø 12	12x50	200	200	5906675315157
R-P3-PLS-16085-10	346x104x119	Ø 16	16x85	60	60	5906675383903
R-P3-PLS-16130-10	346x104x119	Ø 16	16x130	40	40	5906675383910
R-P3-PLS-20085-10	346x104x119	Ø 20	20x85	60	60	5906675315171

UNIVERSAL U

R-FF1 NYLON FRAME FIXING

Universal frame fixing for many applications

Rawlplug code	Packaging size	Plug		Screw		Quantity		Bar Code
		Diameter	Length	Diameter	Length	Box	Outerbox	
		mm	mm	mm	mm	pcs	pcs	
FF1-N-K Frame fixing with collar - Zinc Plated screw, Hex head with Torx drive								
R-P3-FF1-N-10K080	346x104x119	10	80	7	89	100	100	5906675318776
R-P3-FF1-N-10K100	346x104x119	10	100	7	109	80	80	5906675318783
R-P3-FF1-N-10K120	346x104x119	10	120	7	129	80	80	5906675318806
R-P3-FF1-N-10K140	346x104x119	10	140	7	149	80	80	5906675318813
R-P3-FF1-N-10K160	346x104x119	10	160	7	169	80	80	5906675318837
R-P3-FF1-N-10K200	346x104x119	10	180	7	209	50	50	5906675318844
R-P3-FF1-N-10K240	346x104x119	10	240	7	249	50	50	5906675318851
R-P3-FF1-N-10K300	346x104x119	10	300	7	309	50	50	5906675318868
R-P3-FF1-N-14K160	346x104x119	14	160	10.8	171	30	30	5906675489315
R-P3-FF1-N-14K200	346x104x119	14	200	10.8	211	20	20	5906675489322
R-P3-FF1-N-14K240	346x104x119	14	240	10.8	251	20	20	5906675489339
FF1-N-L Frame fixing countersunk - Zinc Plated screw, Torx head drive								
R-P3-FF1-N-10L080	346x104x119	10	80	7	87	150	150	5906675318875
R-P3-FF1-N-10L100	346x104x119	10	80	7	87	150	150	5906675318882
R-P3-FF1-N-10L120	346x104x119	10	120	7	127	120	120	5906675318905
R-P3-FF1-N-10L140	346x104x119	10	140	7	147	100	100	5906675318912
R-P3-FF1-N-10L160	346x104x119	10	160	7	167	80	80	5906675318936
R-P3-FF1-N-10L200	346x104x119	10	100	7	107	80	80	5906675318943
R-P3-FF1-N-10L240	346x104x119	10	240	7	247	50	50	5906675318950
R-P3-FF1-N-10L300	346x104x119	10	120	7	127	120	120	5906675318967

R-STUDS METRIC THREADED RODS

Threaded rod with hexagonal head made of carbon steel class 5.8 for use with bonded anchors

HEXAGONAL HEAD

Rawlplug code	Packaging size	Anchor		Quantity [pcs]		Bar Code
		Diameter [mm]	Length [mm]	Box	Outerbox	
R-STUDS Metric Threaded Rods - Steel Class 5.8						
R-P3-STUDS-08110	346x104x119	M8	110	120	120	5906675319117
R-P3-STUDS-08160	346x104x119	M8	160	100	100	5906675319131
R-P3-STUDS-10130	346x104x119	M10	130	50	50	5906675319148
R-P3-STUDS-10170	346x104x119	M10	170	100	100	5906675319155
R-P3-STUDS-12160	346x104x119	M12	160	20	20	5906675319179
R-P3-STUDS-12190	346x104x119	M12	190	50	50	5906675319186
R-P3-STUDS-16190	346x104x119	M16	190	20	20	5906675317717

UNIVERSAL U

R-NOZ MIXER NOZZLES

Static mixer for bonded anchors in cartridges and CFS+ system

Rawlplug code	Packaging size	Product		Quantity		Bar Code
		Diameter	Lenght	Box	Outerbox	
	mm	mm	mm	pcs	pcs	
R-P3-NOZ-10	346x104x119	-	200	50	50	5906675315133

SOLID WALLS S

R-RBL RAWLBOLT - LOOSE BOLT

World's most popular all-purpose expanding shield anchor - loose bolt version

Rawlplug code	Packaging size	Product		Quantity [pcs]		Bar Code
	[mm]	Diameter [mm]	Length [mm]	Box	Outerbox	
R-P3-RBL-M06/10W	346x104x119	M6	55	150	150	5906675317724
R-P3-RBL-M06/25W	346x104x119	M6	70	150	150	5906675317731
R-P3-RBL-M06/40W	346x104x119	M6	85	120	120	5906675317748
R-P3-RBL-M08/10W	346x104x119	M8	65	100	100	5906675318974
R-P3-RBL-M08/25W	346x104x119	M8	80	100	100	5906675318981
R-P3-RBL-M08/40W	346x104x119	M8	95	80	80	5906675319001
R-P3-RBL-M10/10W	346x104x119	M10	75	50	50	5906675319018
R-P3-RBL-M10/25W	346x104x119	M10	90	50	50	5906675319032
R-P3-RBL-M10/50W	346x104x119	M10	115	50	50	5906675319049
R-P3-RBL-M10/75W	346x104x119	M10	140	50	50	5906675319056
R-P3-RBL-M12/10W	346x104x119	M12	90	20	20	5906675319063
R-P3-RBL-M12/25W	346x104x119	M12	105	20	20	5906675319070
R-P3-RBL-M12/40W	346x104x119	M12	120	20	20	5906675319087
R-P3-RBL-M12/60W	346x104x119	M12	140	20	20	5906675319100

R-LX CONCRETE SCREW ANCHOR

Self-tapping concrete screwbolt

R-LX-I R-LX-HF R-LX-CS

Rawlplug code	Packaging size	Product		Quantity [pcs]		Bar Code
	[mm]	Diameter [mm]	Length [mm]	Box	Outerbox	
R-P3-LX-05X050CSZP	346-104-119	6,3	50	250	250	5906675432106
R-P3-LX-05X050HFZP	346-104-119	6,3	50	250	250	5906675432144
R-P3-LX-05X075CSZP	346-104-119	6,3	75	150	150	5906675432113
R-P3-LX-05X075HFZP	346-104-119	6,3	75	150	150	5906675432151
R-P3-LX-06X035HFZP	346-104-119	7,5	35	200	200	5906675432168

SOLID WALLS S

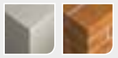
R-LX CONCRETE SCREW ANCHOR cont.

Rawlplug code	Packaging size	Product		Quantity [pcs]		Bar Code
	[mm]	Diameter [mm]	Length [mm]	Box	Outerbox	
R-P3-LX-06X040HFZP	346-104-119	7,5	40	200	200	5906675432175
R-P3-LX-06X050CSZP	346-104-119	7,5	50	150	150	5906675432120
R-P3-LX-06X050HFZP	346-104-119	7,5	50	150	150	5906675432182
R-P3-LX-06X075CSZP	346-104-119	7,5	75	150	150	5906675432137
R-P3-LX-06X075HFZP	346-104-119	7,5	75	150	150	5906675432199
R-P3-LX-06X100CSZP	346-104-119	7,5	100	150	150	5906675418346
R-P3-LX-06X100HFZP	346-104-119	7,5	100	150	150	5906675431550
R-P3-LX-06X35I08ZP	346-104-119	7,5	35	200	200	5906675432205
R-P3-LX-06X35I10ZP	346-104-119	7,5	35	200	200	5906675432212
R-P3-LX-06X55I08ZP	346-104-119	7,5	55	150	150	5906675432236
R-P3-LX-06X55I10ZP	346-104-119	7,5	55	150	150	5906675432243
R-P3-LX-08X060CSZP	346-104-119	10	60	200	200	5906675418353
R-P3-LX-08X060HFZP	346-104-119	10	60	200	200	5906675431567
R-P3-LX-08X075CSZP	346-104-119	10	75	150	150	5906675418360
R-P3-LX-08X075HFZP	346-104-119	10	75	150	150	5906675431574
R-P3-LX-08X090HFZP	346-104-119	10	90	130	130	5906675431581
R-P3-LX-08X100HFZP	346-104-119	10	100	125	125	5906675431598
R-P3-LX-10X065HFZP	346-104-119	12,5	65	100	100	5906675431604
R-P3-LX-10X075HFZP	346-104-119	12,5	75	120	120	5906675431611
R-P3-LX-10X085HFZP	346-104-119	12,5	85	100	100	5906675431635
R-P3-LX-10X100HFZP	346-104-119	12,5	100	80	80	5906675431642
R-P3-LX-10X120HFZP	346-104-119	12,5	120	70	70	5906675431659

R-XPT THROUGHBOLT

Throughbolt for non-cracked concrete

Rawlplug code	Packaging size	Product		Quantity [pcs]		Bar Code
	[mm]	Diameter [mm]	Length [mm]	Box	Outerbox	
R-P3-XPT-08050/5	346-104-119	M8	50	250	250	5906675315492
R-P3-XPT-08075/10	346-104-119	M8	75	200	200	5906675315508
R-P3-XPT-08085/20	346-104-119	M8	85	150	150	5906675315515
R-P3-XPT-08095/30	346-104-119	M8	95	120	120	5906675315539
R-P3-XPT-08140/75	346-104-119	M8	140	80	80	5906675315546
R-P3-XPT-08150/85	346-104-119	M8	150	80	80	5906675315553
R-P3-XPT-10065/5	346-104-119	M10	65	100	100	5906675315560
R-P3-XPT-10080/10	346-104-119	M10	80	100	100	5906675315577
R-P3-XPT-10095/25	346-104-119	M10	95	80	80	5906675315584
R-P3-XPT-10115/45	346-104-119	M10	115	80	80	5906675315591
R-P3-XPT-10140/70	346-104-119	M10	140	50	50	5906675315607
R-P3-XPT-10150/80	346-104-119	M10	150	40	40	5906675315614
R-P3-XPT-10180/110	346-104-119	M10	180	40	40	5906675315638
R-P3-XPT-12080/5	346-104-119	M12	80	50	50	5906675315645
R-P3-XPT-12100/5	346-104-119	M12	100	50	50	5906675315652
R-P3-XPT-12120/25	346-104-119	M12	120	30	30	5906675315669
R-P3-XPT-12135/40	346-104-119	M12	135	30	30	5906675315676
R-P3-XPT-12150/55	346-104-119	M12	150	20	20	5906675315683
R-P3-XPT-12180/85	346-104-119	M12	180	20	20	5906675315690



SOLID WALLS S

R-WHO FRAME SCREWS

Special frame screws for window and door installation

Rawlplug code	Packaging size	Product		Quantity [pcs]		Bar Code
	[mm]	Diameter [mm]	Length [mm]	Box	Outerbox	
R-P3-WHO-75132	346-104-119	7,5	132	150	150	5906675504131
R-P3-WHO-75152	346-104-119	7,5	152	120	120	5906675504148

TIMBER T

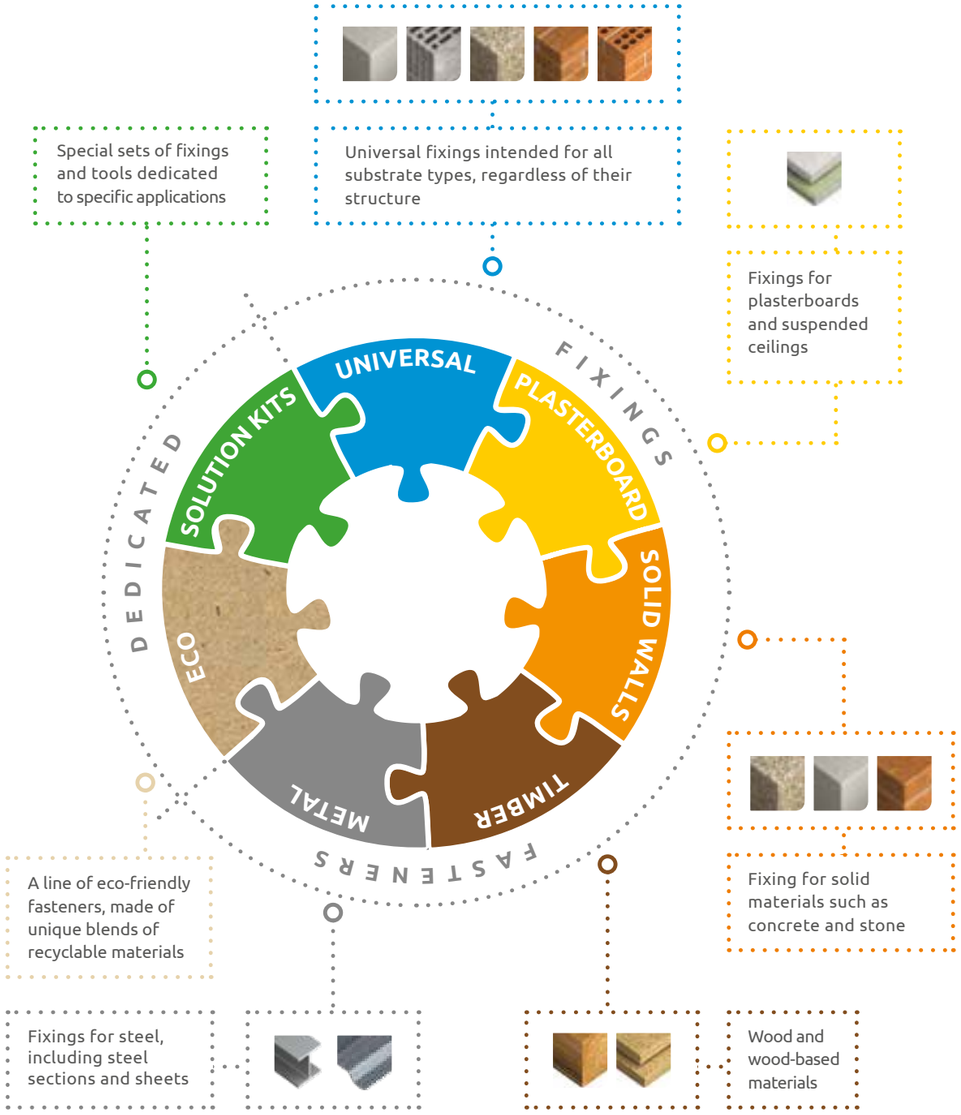
R-CS-WH TIMBER SCREWS WITH WAFER HEAD

High reliability hardened screws for timber constructions

Rawlplug code	Packaging size	Product		Quantity [pcs]		Bar Code
	[mm]	Diameter [mm]	Length [mm]	Box	Outerbox	
R-P3-CS-80080-WH	346-104-119	8	80	200	200	5906675318455
R-P3-CS-80100-WH	346-104-119	8	100	200	200	5906675318479
R-P3-CS-80120-WH	346-104-119	8	120	150	150	5906675323893
R-P3-CS-80140-WH	346-104-119	8	140	120	120	5906675323909
R-P3-CS-80160-WH	346-104-119	8	160	100	100	5906675323916
R-P3-CS-80180-WH	346-104-119	8	180	100	100	5906675323923
R-P3-CS-80200-WH	346-104-119	8	200	100	100	5906675323930
R-P3-CS-80220-WH	346-104-119	8	220	80	80	5906675323947
R-P3-CS-80240-WH	346-104-119	8	240	80	80	5906675323954
R-P3-CS-80260-WH	346-104-119	8	260	50	50	5906675318585
R-P3-CS-80280-WH	346-104-119	8	280	50	50	5906675318615
R-P3-CS-80300-WH	346-104-119	8	300	50	50	5906675318646

RAWLPLUG'S COLOUR CODE

Rawlplug's colour code is an important element of the efficient product display system. Each colour corresponds to a substrate type, making the choice of the right product easier and quicker.



THE SUCCESS OF RAWLPLUG'S POS SYSTEM STEMS FROM THE WELL KNIT COMBINATION OF NUMEROUS ELEMENTS WHICH CUSTOMERS CONSIDER CRUCIAL, SUCH AS:

- **COLOUR CODE** which translates into the adequate colour patterns of toppers, side panel stickers, wobblers, price strips, and floor stickers
- **DISPLAY RACKS WITH ACCESSORIES**
- **POS SUPPORT TOOLS**
- **PACKAGING AND LABELLING SYSTEM**

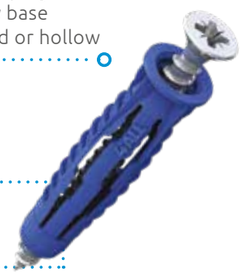
The only way to build a long-term sales effect and trigger customer satisfaction at the point of sale is to make sure that all components of Rawlplug's POS system are used in a complementary manner.

UNIVERSAL

BLUE IS INTENDED
FOR PRODUCTS WHICH CAN BE
USED IN ANY KIND OF SUBSTRATE

UNO

Truly universal plug which fixes into any base material, solid or hollow



4ALL

High performance nylon plug for all types of substrates

R-FF1

Universal nylon frame fixing for many applications

R-RNT

Easy-to-install plug giving exceptional resistance to vibration and corrosion

TOP PANEL (TOPPER)

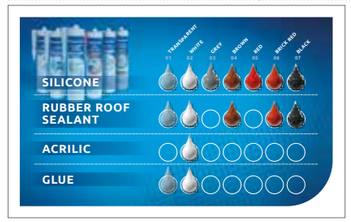
UNO + FF1 | MP-S1-TBB-02

UNO + 4ALL | MP-S1-TBB-03

R-KEMII + GUN | MP-S1-TBB-08

DRILL BITS & ACCESSORIES 1 | MP-S1-TBB-05

SEALANTS | MP-S1-TSA-03



FOAMS & SEALANTS | MP-S1-TSA-01

SIDE LABEL

UNO | MP-S1-ND-01

4ALL | MP-S1-ND-04

FF1 | MP-S1-ND-05

R-KEMII | MP-S1-NDKEMII

FOAMS | MP-S1-ND-FOAMS

STAPLER | MP-S1-NDKGR055

SHELF WOBBLERS

UNO	MP-S1-WUNO-01

4ALL	MP-S1-W4ALLP-01

FF1	MP-S1-WFF1-01

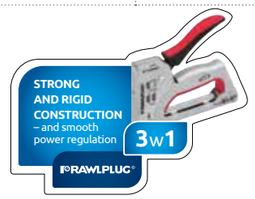
R-KEM II	MP-S1-WKEMII-01

FOAMS	MP-S1-WRLOW45L-01

RT-WPH2	MP-S1-WPH2

RT-IBITT20	MP-S1-WRIBITT20

RT-KGR0031	MP-S1-WSTAP-03



RT-KGR055	MP-S1-WSTAP-04

SHELF EDGE STRIP

UNIVERSAL	MP-S1-CBB-01

PLASTERBOARD

YELLOW IS FOR PRODUCT LINES
USED TO FIX IN PLASTERBOARDS
AND SUSPENDED CEILINGS

R-DRA-01

Self-drilling light-duty nylon fixing for use in plasterboard and gypsum fibreboards

R-DRA-02

Self-drilling light-duty metal fixing for use in plasterboard sheets

R-SPO

Spring toggle for cavity walls and large fixtures with pan head metric screw

R-SM

Interset fixing for permanent anchorages in cavity walls

TOP PANEL (TOPPER)

R-SM+R-GS	MP-S1-TBR-01

R-DRA01 + R-SPO	MP-S1-TBR-02

R-DRA01 + R-SPO	MP-S1-TSR-01

SIDE LABEL

R-DRA02	MP-S1-ND-08

R-SM	MP-S1-ND-02

FLOOR STICKER

R-SM	MP-S1-NPSM-01

SHELF WOBBLERS

R-DRA-02	MP-S1-WDRA-02

R-SPO	MP-S1-WSPO-01

R-SM	MP-S1-WSM-01

SHELF EDGE STRIP

PLASTERBOARD	MP-S1-CBR-01

SOLID WALLS

ORANGE
IS FOR PRODUCT LINES INTENDED
FOR CONCRETE SUBSTRATES

R-LX

Self-tapping zinc flake coating or zinc plated concrete screwbolt

R-HPTIIA4

Stainless steel thro-ughbolt anchor for cracked and non--cracked concrete

R-RBL
R-RBP

World's most popular all-purpose expanding shield anchor

R-GS

Ceiling wire hanger for lightweight ceilings and suspended ceilings to solid building materials

SOLID WALLS

TOP PANEL (TOPPER)

R-XPT + R-LX | MP-S1-TBO-04

R-FX + R-FIX | MP-S1-TBO-03

SIDE LABEL

R-LX | MP-S1-ND-07

R-XPT | MP-S1-ND-06

R-FX | MP-S1-ND-09

TURBODRILL SDS MAX | MP-S1-NDRTMAXA

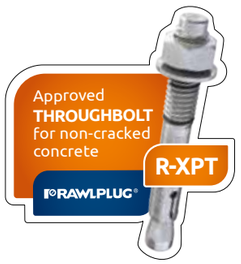
AGGRESSOR SDS PLUS | MP-S1-NDRTSDSA

REBARDRILL SDS PLUS | MP-S1-NDRTSDSR

SHELF WOBBLERS

R-LX | MP-S1-WRLX-01

R-XPT | MP-S1-WXPT-01



R-FX | MP-S1-WFX-01

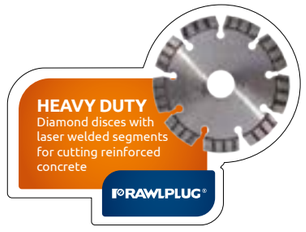
DUSTLESSDRILL SDS MAX | MP-S1-WMAXH-01

TURBODRILL SDS MAX | MP-S1-WRTMAXA-01

AGGRESSOR SDS PLUS | MP-S1-WRTSDSA-01

REBARDRILL SDS PLUS | MP-S1-WSDSR-01

RT-DDA | MP-S1-WRTDDA



SHELF EDGE STRIP

SOLID WALLS | MP-S1-CBO-01

R-SC40II
DEDICATED SET OF POS

STAND SC40II MZR-43-SP
POS SET MP-S1-SET-SC40IIL

MP-S1-SET-SC40IIL SET OF POS FOR LARGE RAWLPLUG STAND (MZR-43-SP)

TOPPER

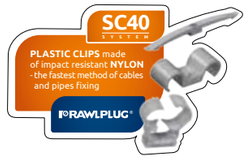
MP-S1-SET-SC40IIL INCLUDES:
TOPER SC40II
BACK PANEL R-SC40II
SIDE PANNELS R-WW90II 2X
WOBBLERS 6X
SHELF EDGE STRIP L ARGE 5X

LEFT SIDE PANEL

RIGHT SIDE PANEL

SHELF EDGE STRIP

WOBBLERS



SIDE LABEL
MP-S1-NDCLIPSC40II

SIDE LABEL
MP-S1-NDSETSC40II

SIDE LABEL
MP-S1-NDFIXSC40II

HANGER SC40II
MP-S1-HSC40II

HOOK FOR SC40II
MZR-74-SP

FLOOR STICKER
MP-S1-NPSC40II

TIMBER

BROWN MARKS THE PRODUCT LINES
INTENDED FOR FIXING IN WOOD AND TIMBER

R-PTX

Construction screw with countersunk head and TX drive

R-PTK

Construcktion screw with wafer head and partial thread

R-PVS

Construction screw with countersunk head and full thread

R-PVZ

Construction screw with cylinder head and full thread

R-PCZ

Construction screw with cylinder head and double thread

TOP PANEL (TOPPER)

R-PTX + R-PTK

INDEX	MP-S1-TBBR-01-100
SIZE (mm)	947 x 356

SHELF EDGE STRIP

TIMBER

INDEX	MP-S1-CBBR-01
SIZE (mm)	947 x 35

SIDE LABEL

R-PTX

INDEX	MP-S1-ND-PROCUTPTX
SIZE (mm)	270 x 375

R-PTK

INDEX	MP-S1-ND-PROCUTPTK
SIZE (mm)	270 x 365

SHELF WOBBLERS

R-PTX

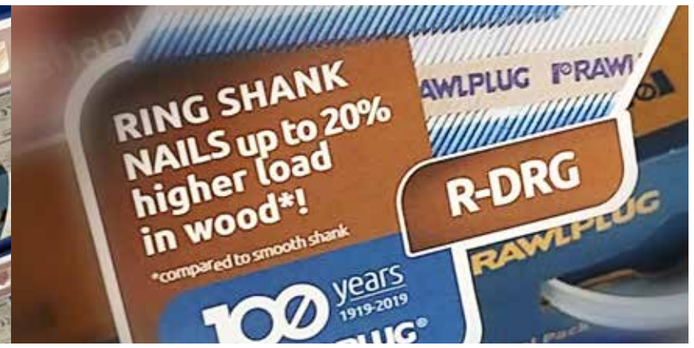
INDEX	MP-S1-W-PROCUTPTX
SIZE (mm)	140 x 150

R-PTK

INDEX	MP-S1-W-PROCUTPTK
SIZE (mm)	140 x 150

R-JSB

INDEX	MP-S1-WJSB
SIZE (mm)	140 x 150



R-WW90II
DEDICATED SET OF POS

STAND WW90II MZR-43-SP
POS SET MP-S1-SET-WW90IIL

MP-S1-SET-WW90IIL SET OF POS FOR LARGE RAWLPLUG STAND (MZR-43-SP)

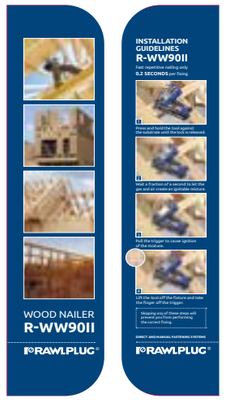
TOPPER

MP-S1-SET-WW90IIL INCLUDES:

- TOPER R-WW90II
- BACK PANNEL R-WW90II
- SIDE PANNELS R-WW90II 2X
- WOBBLERS 3X
- SHELF EDGE STRIP LARGE 8X

BACK

LEFT SIDE PANEL



RIGHT SIDE PANEL

SHELF EDGE STRIP

WOBBLERS

HANGER 77 cm x 54 cm
MP-S1-HWW90II

SIDE LABEL
MP-S1-NDWW90II

SIDE LABEL
MP-S1-NDWW90II-2

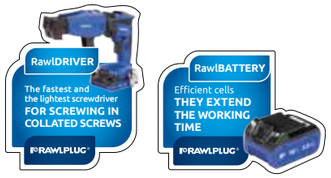
FLOOR STICKER
MP-S1-NPWW90II

HOOK FOR SC40II/WW90
MZR-74-SP

DEDICATED SET OF POS FOR POWER TOOLS 18V

MP-S1-SET-PTOOLS1 INCLUDES:
- TOPPER POWER TOOLS 18V
- SIDE PANNELS POWER TOOLS 18V 2X
- WOBBLERS 2X
- SHELF EDGE STRIP LARGE 2X

TOPPER



WOBBLERS

SHELF EDGE STRIP

LEFT SIDE PANEL

RIGHT SIDE PANEL

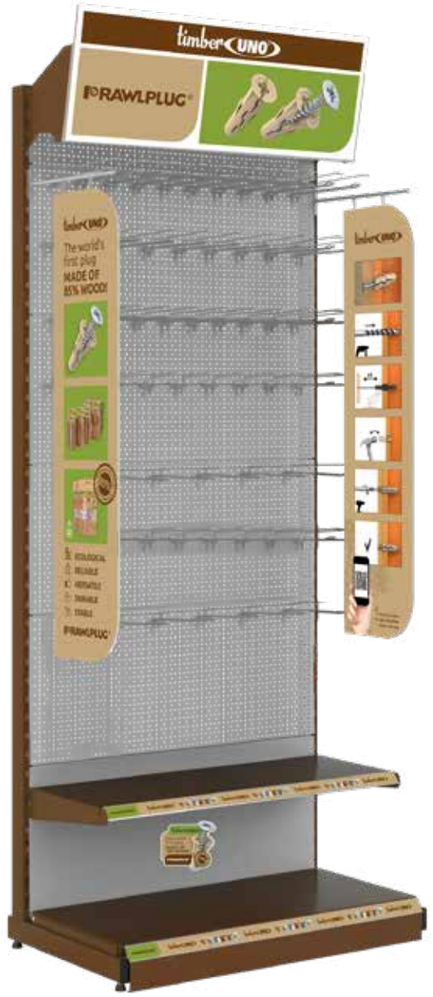
HOOK		SHELF	
1 FOR THE DRYWALL SCREWDRIVER R-PIW18-XL2		6 FOR THE CHARGER R-CHR-186501	
2 FOR THE ROTARY HAMMER R-PRH18-XL2		7 FOR THE BATTERY R-BAT-185001, R-BAT-182001	
3 5 FOR THE IMPACT DRIVER R-PID18-XL2		8 FOR THE CHARGER R-CHR-181501	
4 FOR THE ANGLE GRINDER R-PAG18-XL2		9 A SPECIAL HOOK FOR THE DRIVER R-PDS18-M2A	

HOOK & SHELF SET: MZR-SET01-SP

BACK PANEL POWER TOOLS
MP-S1-SET-PTOOLS2

DEDICATED SET OF POS FOR TIMBER UNO

MP-S1-SET-UNOTB INCLUDES:
- TOPPER TIMBER UNO
- SIDE PANNELS TIMBER UNO
- WOBBLER 1X
- SHELF EDGE STRIP LARGE 4X



TOPPER

WOBBLER
TIMBER UNO 70%

SHELF EDGE STRIP

LEFT SIDE PANEL

RIGHT SIDE PANEL

CLIPSTRIP TIMBER UNO

INDEKS | MP-CLIPSTRIP-HD-10

TO COMPLETE THIS ITEM YOU NEED TO ORDERED 2 ITEMS:
MP-CLIPSTRIP-HD-10 + Sticker:
RM-C-TIMBER-EN + product item

PROMOPACK ON THE COUTER/TABLE/SHELF

		SET CONTAINS	QTY	UM
MZR-D1-UNOT-K-SET1	EAN 5906675500126	R-BIOS-UNOT-05+/40	6	bag
		R-BIOS-UNOT-06+/30	6	bag
		R-BIOS-UNOT-08+/20	6	bag
		R-U1-YEL-96-C-TB	6	each
		R-U1-RED-96-C-TB	5	each
		R-U1-BLU-80-C-TB	4	each
MZR-D1-UNOT-K-SET3	EAN 5906675500133	R-BIOS-UNOT-06+/30	18	bag
		R-BIOS-UNOT-08+/20	18	bag
MZR-D1-UNOT-K-SET6	EAN 5906675500140	R-BIOS-UNOT-06+/30	6	bag
		R-BIOS-UNOT-07+/26	6	bag
		R-BIOS-UNOT-08+/20	6	bag
		R-U1-RED-96-C-TB	5	each
		R-U1-BRN-96-C-TB	5	each
		R-U1-BLU-80-C-TB	4	each

MIX OF SUBSTRATES

COLOUR MIX
IS A SOLUTION RECOMMENDED FOR DISPLAY OF PRODUCTS INTENDED FOR FIXING IN DIVERSE SUBSTRATES.

THE COLOUR MIX SOLUTION IS PERFECTLY TAILORED FOR POINT OF SALE OF SMALLER DISPLAY AREA.

TOP PANEL (TOPPER)

MIX	MP-S1-TMIX-01

SHELF EDGE STRIP

PLASTERBOARD	MP-S1-CBR-01
SOLID WALLS	MP-S1-CBO-01
UNIVERSAL	MP-S1-CBB-01

SIDE LABEL

MULTI 01
MP-S1-NU-01

MULTI 02
MP-S1-NU-02

MULTI 03
MP-S1-NU-03

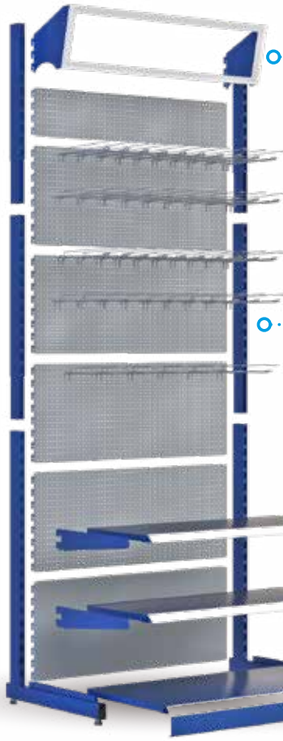
SIDE PANEL

ORANGE-YELLOW
MP-S1-B-O/Y

YELLOW - BLUE
MP-S1-B-Y/B

HOLDER FOR SIDE PANELS
MZR-54-SP

DISPLAY RACKS FROM RAWLPLUG



LARGE STAND

INDEX	MZR-43-SP
SIZE (mm)	990 x 2270 x 570
BAR CODE	5906675114705
COMPONENTS	Topper Frame Framework Perforation Platform Adjustable Feet

SMALL STAND

INDEX	MZR-45-SP
SIZE (mm)	610 x 2270 x 570
BAR CODE	5906675114729
COMPONENTS	Topper Frame Framework Perforation Platform Adjustable Feet

DOUBLE-SIDED PANEL

INDEX	MP-S3-B-01
SIZE (mm)	300 x 1200
BAR CODE	5906675217635

TUBES HOLDER

INDEX	MZR-42-SP
SIZE (mm)	565 x 810 x 460
BAR CODE	5906675090931

SMALL STAND FOR SEALANTS & ADHESIVES

INDEX	MZR-40-SP
SIZE (mm)	565 x 810 x 460
BAR CODE	5907776931505
COMPONENTS	Topper Frame Framework Cage for Tubes Platform

RACK ACCESSORIES

FLAT SHELVES

SHELF 100 cm

INDEX	MZR-44-SP
SIZE (mm)	990 x 30 x 390
BAR CODE	5906675114712

FLAT SHELVES

SHELF 60 cm

INDEX	MZR-46-SP
SIZE (mm)	575 x 30 x 390
BAR CODE	5906675114736

DEEP SHELVES

SHELF 60 cm

INDEX	MZR-41-SP
SIZE (mm)	575 x 130 x 400
BAR CODE	5906675090924

HOLDER FOR INNER PANELS

SINGLE

INDEX	MZR-54-SP
SIZE (mm)	280
BAR CODE	5906675266831

HOLDER FOR SIDE PANELS

SINGLE

INDEX	MZR-51-SP
SIZE (mm)	390
BAR CODE	5906675114750

HOOKS

DOUBLE

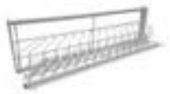
INDEX	MZR-50-SP
SIZE (mm)	280
BAR CODE	5906675114743

BEAM

INDEX	MZZ-02-17-SP
SIZE (mm)	960
BAR CODE	5906675380209

HOOKS

INDEX	MZR-56-SP
SIZE (mm)	149
BAR CODE	5906675458779



DISC HOLDER

INDEX	MZZ-02-21-SP
SIZE (mm)	960 x 340 x 330
BAR CODE	5906675399645

SHELF BEAM

SINGLE

INDEX	MZZ-02-KPL-SP
SIZE (mm)	960
BAR CODE	5906757001374

HOOK FOR WW90

INDEKS	MZR-74-SP
BAR CODE	5906675347639

HOOK FOR WHEELS 115, 125 mm

INDEKS	MZR-75-SP
BAR CODE	5906675347646

HOOK FOR WHEELS 230 mm

INDEKS	MZR-76-SP
BAR CODE	5906675347653

SPECIAL RACKS METAL STANDS

SANITARY FIXING STAND

INDEX	MZR-90-SP
SIZE (mm)	500 x 320 x 700
BAR CODE	5906675432786

SANITARY FIXING STAND - VERTICAL

INDEX	MZR-91-SP
SIZE (mm)	200 x 200 x 1650
BAR CODE	5906675432793

HSS DRILL BIT BOX

INDEX	MZR-31-03-SP
SIZE (mm)	330 x 480 x 400
BAR CODE	5906675408354

RT-HSSP

SDS PLUS DRILL BITS SMALL STAND

INDEX	MZR-31-01-SP
SIZE (mm)	330 x 680 x 400
BAR CODE	5906675064062

RT-SDSA AGGRESSOR SDS PLUS

CARDBOARD STANDS

CARDBOARD STAND

INDEX	MZR-32-01-SP
SIZE (mm)	500 x 1600 x 340
BAR CODE	5906675092935

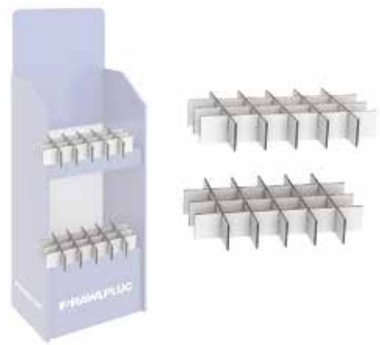
CARDBOARD STANDS

CARDBOARD STAND

INDEX	MZR-12-SP
SIZE (mm)	500 x 1600 x 340
BAR CODE	5906675407760

BOX INSERT TO STAND MZR-12-SP

INDEX	MZR-14-SP
BAR CODE	5906675407784



FOAMS INSERT TO STAND MZR-12-SP

INDEX	MZR-13-SP
BAR CODE	5906675407777

CARDBOARD STAND - BONDED ANCHORS (1/4 PALLET)

INDEX	MZR-11-SP
SIZE (mm)	590 x 1180 x 395
BAR CODE	5906675345864

UNIVERSAL CARD-BOARD STAND FOR VARIOUS PACKAGING SYSTEMS

INDEX	MZR-32-02-SP
SIZE (mm)	350 x 1055 x 280
BAR CODE	5906675322377

UNIVERSAL TWO-SIDED CARDBOARD STAND

INDEX	MZR-17-SP
SIZE (mm)	500 x 1600 x 340
BAR CODE	5906675461144

CARDBOARD STAND (1/4 PALLET)

INDEX	MZR-16-SP
SIZE (mm)	542 x 800 x 330
BAR CODE	5906675430201

More from Rawlplug

Strong and efficient cordless power tools
We are proud to present innovative Cordless ***Power Tools*** based on lithium-ion 18V batteries. Its capacity enables long-term operation and the universal system of allows to power other tools. Thanks to the comprehensive offer, every construction specialist or Rawlplug® expert will be able to find the perfect solution for many applications.

Maximal effect of optimal offer
In order to ease the application and proper use and installation of our products, we supplement the our assortment of fixings with a precisely composed offer of ***Power Tool Accessories***. They include, among others, European-made drills of the highest quality, as confirmed with a Sichersafe certificate. We invite you to familiarize yourselves with our offer of accessories for professional installation techniques of the Rawlplug® brand.

Save time and minimize costs
In our offer of ***Direct Fastening Systems*** you may find, among others, highly effective pneumatically and gas powered nailers with accessories, compressors and an innovative and ergonomic rebar tier. We invite you to familiarize yourselves with the capabilities of Rawlplug® tools, which can significantly increase the comfort and effectiveness of work at any construction site.

Maximal weather resistance
Rawlplug® ***Fasteners*** guarantee reliability of connections and maximal weather resistance. Our products, thanks to the use of appropriate materials and adoption of modern anticorrosion coating, pass even the hardest tests, matching the expectations of the most demanding clients. In our rich offer of screws characterized by extraordinary ease of installation, one may find perfect kind of connection for any kind of material and substrate.

Efficacy in the hardest conditions
We are proud to present innovative fixing from the ***Bonded Anchors and Mechanical Anchors*** group designed for the heavy loads demanded by industrial construction. Among our products you will find unique solutions to enable you to achieve maximal amounts with any kind of substrate. Knowledge backed-up with experience guarantees the effectiveness of our fixings and the success of your investment.

Durability and versatility
Our wide range of expansion plugs made of synthetic materials and metal, for low and medium loads, have been used for years for both industrial and residential construction. Incredibly durable FF1 from frame fixings group, universal in use 4ALL and UNO Plug, no. 1 on the UK market, are leading products of RAWLPLUG®'s offer in the field of ***Lightweight Fixings***, designed with every substrate in mind.

Innovations in Energy Saving construction
As a leading producer of façade insulation fixings we would like to present to you our wide array of products used in energy saving constructions. The Reliability and simplicity of our solutions combined with their ease of installation make them the most popular and desired by professionals. We invite you to familiarize yourselves with our offer for ***Façade Insulations Fixings***.

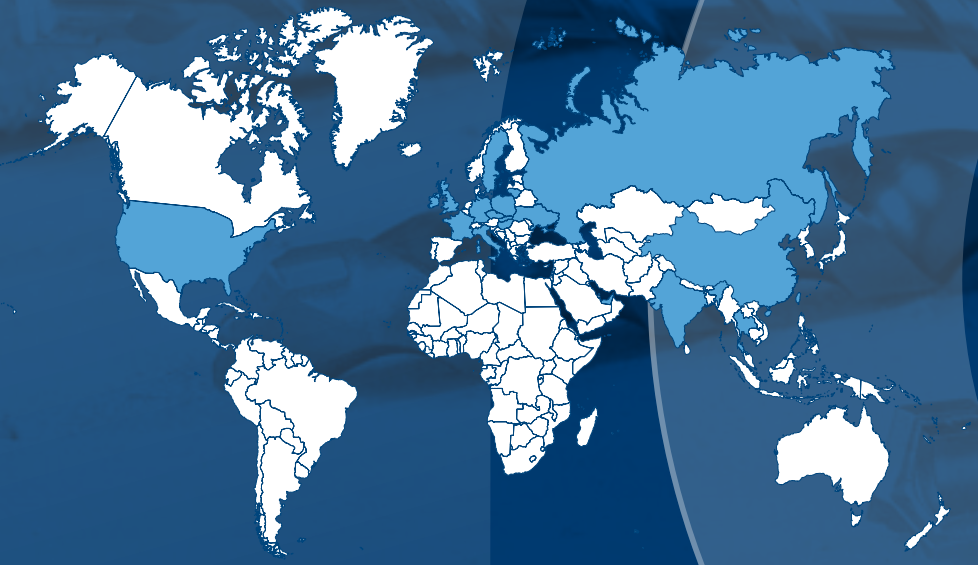
Excellent resistance for high loads
Thanks to our close cooperation with roof covering product producers, and our insight into the needs of investment contractors, our ***Roofing Insulations Fixings*** are one of the most popular among European roof fixing system producers. We invite cooperation from engineers, architects, and roof works contractors. And encourage you to try out our calculation software "ROOFIX" today.

Guarantee of lasting quality
Thanks to our constant monitoring of the production of assortments from our ***Sealants and Adhesives*** range we guarantee the constant and repeatable quality of our products. Their wide range of application possibilities and high efficiency has enabled us to rank among the top 5 of companies in the construction chemistry industry for years.

Unique and exclusive exposition
Rawlplug ***POS Essential Offer*** it is a unique and complete solution designed for product exposition in building wholesale and retail stores. The POS system is based on easily configurable rack components enhanced with expansive information elements and additional decorations, as well as a combination of individual packages in form of innovative Rawlplug Bag and cutting-edge cardboard boxes.

RAWLPLUG®

Trust & Innovation. Since 1919.



100 years 1919-2019

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