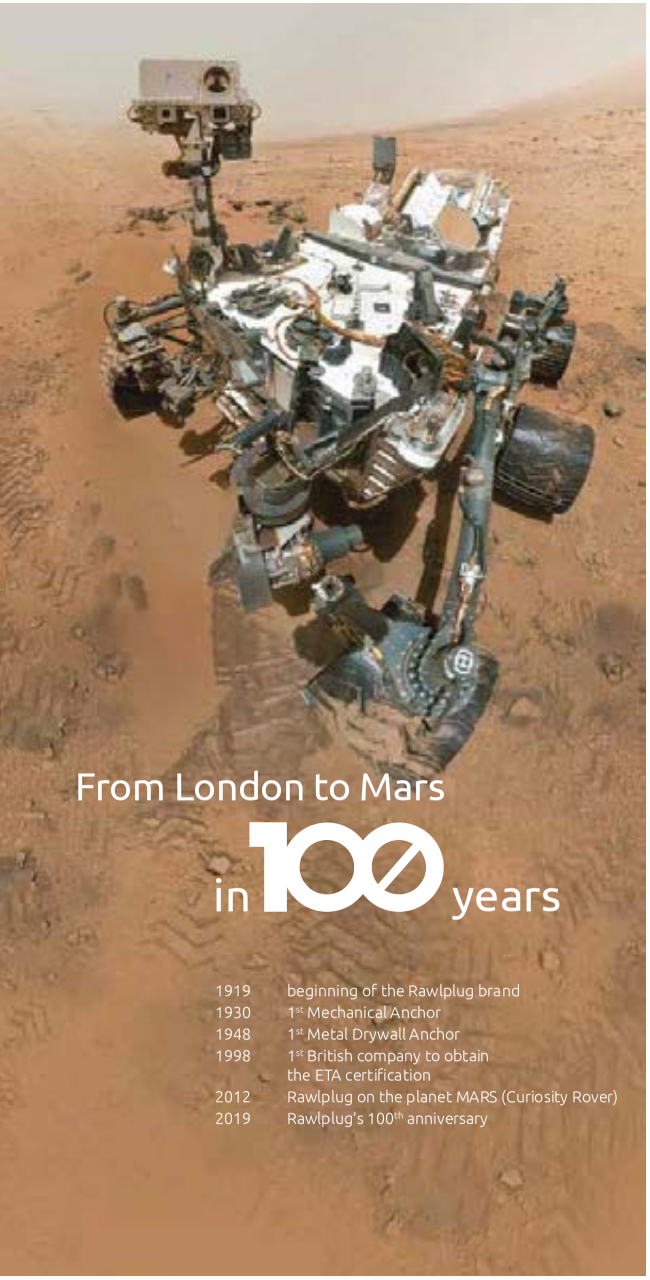
Product Catalogue

100 years
1919-2019

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

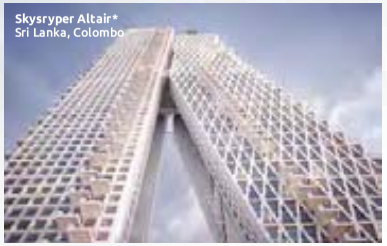
100 years 1919-2019 RAWLPLUG®

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

Wembley Stadium*
United Kingdom, London


Skysryper Altair*
Sri Lanka, Colombo

Dubai Opera House*
United Arab Emirates, Dubai

Cape Town Stadium*
South Africa, Cape Town

Burj al-Arab
Dubai, United Arab Emirates

Metro Bucharest*
Romania, Bucharest

Whether at London's Wembley Stadium, the Cape Town Stadium, the Yas Marina Formula 1 circuit, Dubai's Burj Khalifa Tower, the Olympic Park in Sochi or the Grand Egyptian Museum in Giza,

customers have been using Rawlplug's products with confidence and awe for more than 100 years, because each of them is available several different varieties, depending on the substrate type, application, and installation conditions. Each comes with dedicated accessories, altogether forming a complete fixing system. We offer uncompromising technical parameters and safety guaranteed regardless of the application. We ensure advanced technology for high load capacity and simplicity of use. We guarantee strength, versatility and simplicity of installation in all substrates and with any fixture. We support you with systemic solutions ensuring efficient installation and long service life. We deliver professional tools designed with time saving and fixing reliability in mind.

And we do it 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.

We are sure you will appreciate this publication, as everyone will find it to be a source of very useful information, especially from the perspective of your needs and expectations.

Rawlplug® Team

* Names of the buildings or engineering constructions may be registered as trademarks in the name of third parties. Rawlplug is not an owner of said trademarks and claims no rights thereto.

RAWLPLUG®

All products mentioned on this page are Rawl® lub Rawlplug®trademarked

RAWLPLUG® OFFER

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

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 to 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.

All products mentioned on this page are Rawl® lub Rawlplug® trademarked

100 years 1919-2019 RAWLPLUG®

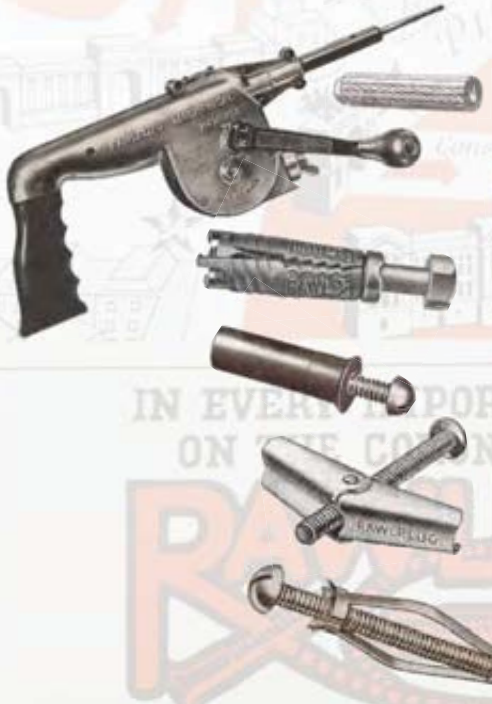
John Joseph Rawlings – entrepreneur, visionary, inventor.

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.

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

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, thus 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.

All products mentioned on this page are Rawl® lub Rawlplug® trademarked

PRODUCTS

100 years of expertise in fixings, fasteners and tools

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.

MECHANICAL ANCHORS
Advanced technology for high load capacity and simplicity of use.

BONDED ANCHORS
Uncompromising technical parameters and safety guaranteed in all applications.

FACADE 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.

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

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

FASTENERS
Highly specialised products dedicated to all materials and service conditions.

MANUAL AND DIRECT FASTENING SYSTEMS
Portfolio of professional tools designed with time saving and fixing reliability in mind.

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

PASSIVE FIRE PROTECTION SYSTEM
Product portfolio for uncompromising fire safety.

Check our full product portfolio on **rawlplug.com**

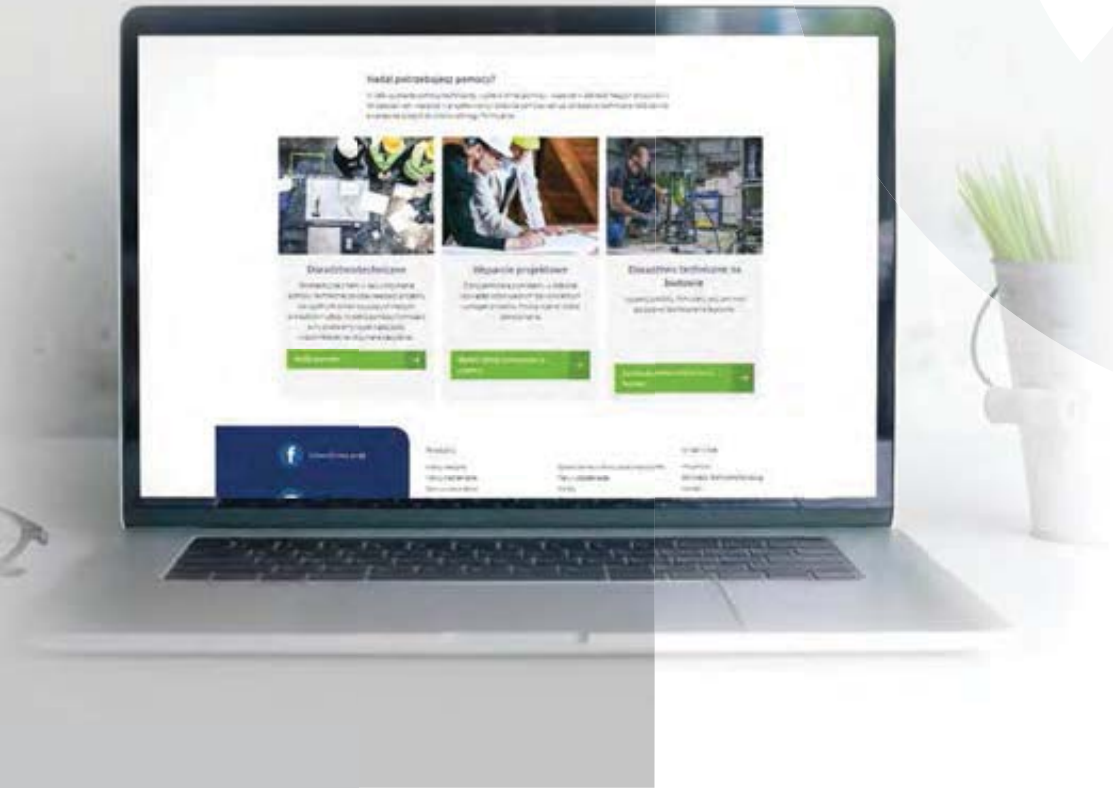
SERVICES

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, focused 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.

- OnsiteTechnicalSupport
- TechnicalHelpdesk
- TechnicalLibrary
- ProductSelector
- EasyFix
- BIM

Quick access to **Services**



OnsiteTechnicalSupport

ON-SITE TECHNICAL ADVISORY

Technical advisory provided by local engineering teams to tackle all technical challenges, particularly with regard 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.

ProductSelector

PRODUCT SELECTOR

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.

Quick access to **Product Selector**

Fixings & Fasteners Selector

SERVICES

EasyFix

EASYFIX

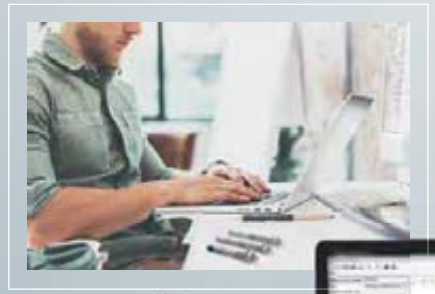
Design calculations required to plan fixings for diverse construction elements using Rawlplug® branded products..

- 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.

ACCES TO EASYFIX

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

Quick access to
EasyFix



BIM

BIM RAWLPLUG

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.

Quick access to
BIM

TechnicalHelpdesk

RAWLPLUG TECHNICAL HELPDESK

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.

Quick access to
Rawlplug Technical Helpdesk

TechnicalLibrary

TECHNICAL LIBRARY

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.

Quick access to
Technical Library

RAWLPLUG® Academy

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.

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.

Read more about Rawlplug Academy® on **rawlplug.com**

RAWLPLUG®

All products mentioned on this page are Rawl® lub Rawlplug® trademarked

Mobile Training Centre®
Reception Desk

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.

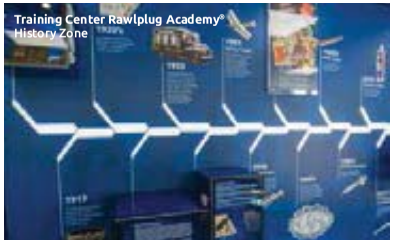
CLASSROOM TRAINING

- 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.

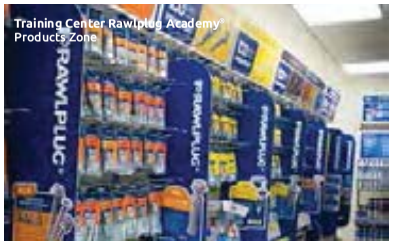
RAWLPLUG ACADEMY® INTEGRATED TRAINING PACKAGE

- ☑ 3 levels of knowledge
- ☑ 5 training categories
- ☑ 10 product categories
- ☑ 200 trainings
- ☑ 250 hours of training

Training Center Rawlplug Academy®
Reception Desk



Training Center Rawlplug Academy®
History Zone



Training Center Rawlplug Academy®
Products Zone

Training Center Rawlplug Academy®
Services Zone

Training Center Rawlplug Academy®
Testing Zone

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Read more about
Rawlplug Academy® on
rawlplug.com

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.

Rawlplug offer

Product catalogues

Design & specification guides

Technical guidance notes

Product leaflets

Pricelists

Technical product comparison based on approvals and declarations

Technical product benchmark based on lab tests

Three levels of advancement of product presentation for every catalogue

Animations

Installation movies

All products mentioned on this page are Rawl® lub Rawlplug® trademarked

Content

BONDED ANCHORS

	page	Cracked Concrete	Concrete	Stone	Solid Brick	Hollow Brick	Hollow Blockwork	Lightweight Concrete	Aerated Concrete Block	Metal Sheet Profiles	Wood	Plasterboard	Plastic	Insulation Boards	Chipboard	ETA	ITB
R-KEX II Pure Epoxy Resin	36	V	V													V	
R-KER II Hybrid resin	37	V	V													V	
R-KER Vinylester Resin	44	V	V													V	
R-KEM II Styrene free polyster resin	45		V	V	V	V	V	V	V							V	
R-KF2 Polyester resin	46		V													V	
RV200 Vinylester resin (CFS+ system)	47	V	V	V												V	
RM50 Styrene free polyster resin (CFS+ system)	48		V	V	V	V	V	V	V							V	
RP30 (CFS+) Polyester resin	49		V													V	
R-CAS-V Spin-In capsule with threaded rods	50		V													V	
R-HAC-V Hammer-In capsule	51		V	V												V	
R-STUDS Metric threaded rods	53	V	V	V	V	V	V	V	V								
R-ITS Internally threaded sockets	55		V													V	
Deep Anchorage Accessories	56																
Resing Dosing Stystem	62																
R-BRUSH manual brushes	64	V	V	V	V	V	V	V	V								
R-BLOWPUMP blow pump	65	V	V	V	V	V	V	V	V								
Plastic and Wire Mesh Sleeves	65	V	V	V	V	V	V	V	V								
Mixer nozzles	66																
Nozzle extension	67																
Dosing piston plug R-NOZ-P	67																
Akudose	68																
Multigun	72																
R-GUN Dispenser guns	76																

MECHANICAL ANCHORS

	page	Cracked Concrete	Concrete	Stone	Solid Brick	Hollow Brick	Hollow Blockwork	Lightweight Concrete	Aerated Concrete Block	Metal Sheet Profiles	Wood	Plasterboard	Plastic	Insulation Boards	Chipboard	ETA	ITB
R-LX Concrete screwbolt	90	V	V	V												V	
R-HPTIIA4 Stainless steel throughbolt	92	V	V	V												V	
R-HPTIIZF Zinc flake throughbolt	93	V	V	V												V	
R-XPTIIA4 Stainless steel throughbolt	95		V	V												V	V
R-XPT-HD Hot Dip Galvanized Throughbolt	96		V	V													V
R-XPT Throughbolt	97		V	V												V	V
R-RBL Rawlbolt - loose bolt	99	V	V	V	V		V	V								V	V

Content

MECHANICAL ANCHORS

	page	Cracked Concrete	Concrete	Stone	Solid Brick	Hollow Brick	Hollow Blockwork	Lightweight Concrete	Aerated Concrete Block	Metal Sheet Profiles	Wood	Plasterboard	Plastic	Insulation Boards	Chipboard	ETA	ITB
R-RBP Rawlbolt - bolt projecting	100	V	V	V	V		V	V								V	V
R-RBL-PF, R-RBP-PF Rawlbolt Plastic Ferrule	101		V	V	V		V	V									V
R-RBL-E Rawlbolt - eye bolt	102	V	V	V	V		V	V									V
R-RBL-H Rawlbolt - hook bolt	103	V	V	V	V		V	V									V
R-RB Rawlbolt shield	104	V	V	V	V		V	V									
R-SPLII Safety Plus II	105	V	V	V												V	
R-SPL Safety Plus	106		V	V												V	
R-DCA-A4 Drop in anchor	108	V	V	V												V	V
R-DCA / R-DCL Lipped drop in anchor	109	V	V	V												V	V
R-DCA-ST-II / R-DCA-ST Drop In Anchor Setting Tools	110															V	V
Concrete screw re-usability testing gauge	111																
Rawlplug Tension Tester Kit	111																

LIGHTWEIGHT FIXINGS

	page	Cracked Concrete	Concrete	Stone	Solid Brick	Hollow Brick	Hollow Blockwork	Lightweight Concrete	Aerated Concrete Block	Metal Sheet Profiles	Wood	Plasterboard	Plastic	Insulation Boards	Chipboard	ETA	ITB
R-FF1 Nylon frame fixing	118		V	V	V	V	V	V	V							V	
R-FF1-CAP Masking cap for R-FF1 frame fixings	120																
UNO® Universal plug and Universal plug with screw	121		V	V	V	V	V	V	V			V					V
4ALL Universal nylon plug	123		V	V	V	V	V	V	V			V					V
4ALL Universal nylon plug with screw	123		V	V	V	V	V	V	V			V					V
RAWLNUT Flexi Plug	124				V	V	V	V	V		V	V	V				
GS Ceiling wedge anchor	125	V	V	V												V	
FX-N-C Nylon hammer-in fixing with cylinder head	126		V		V	V	V	V	V							V	
FX-N-K Nylon hammer-in fixing with mushroom head	126		V		V	V	V	V	V							V	
FX-N-L Nylon hammer-in fixing with countersunk head	127		V		V	V	V	V	V							V	
Nylon self drill fixing for plasterboard	128											V					
Metal self drill fixing for plasterboard	128											V					
Interset Hollow wall anchor	129										V	V					
AT Tool for interset	130											V					
FIX Nylon expansion plug	130		V	V	V			V								V	
Spring toggle	131										V	V	V				
Plastic toggle	132																
TAP-IT Hammer-in fixing for plasterboard	133												V				

Content

FACADE INSULATION FIXINGS

	page	Cracked Concrete	Concrete	Stone	Solid Brick	Hollow Brick	Hollow Blockwork	Lightweight Concrete	Aerated Concrete Block	Metal Sheet Profiles	Wood	Plasterboard	Plastic	Insulation Boards	Chipboard	ETA	ITB
R-TFIX-8S Universal facade fixings	144		V		V	V	V	V	V							V	
R-TFIX-8SX Universal facade fixings	145		V		V	V	V	V	V							V	
R-TFIX-8M Facade fixing with metal nail	150		V		V	V	V	V	V							V	
TFIX-8ST Universal facade fixing	151		V		V	V	V	V	V							V	
TFIX-8P Facade fixing with plastic pin	152		V		V	V	V	V	V							V	
MBA/MBA-SS facade fixing	153		V		V				V								V
KCX Tubed insulation washer	154									V	V				V		V
R-KC Insulation Washers	155									V	V						V
R-DB Ceiling screw-in solution with washer	160		V											V		V	
R-KWL Insulation retaining plate	161																
MKC/MKC-SS Washers	161													V			
R-KWX Insulation retaining plate with perforator	162															V	
R-TFIX-TOOL	162													V			
Insulation caps	165													V		V	
ISO-PLUG Insulation fixings	166													V			
FTF Fir Tree Fixing	167													V			

ROOFING INSULATION FIXINGS

	page	Cracked Concrete	Concrete	Stone	Solid Brick	Hollow Brick	Hollow Blockwork	Lightweight Concrete	Aerated Concrete Block	Metal Sheet Profiles	Wood	Plasterboard	Plastic	Insulation Boards	Chipboard	ETA	ITB
GOK Telescopic sleeve with round plate	177		V	V	V		V		V	V	V				V	V	
GOK-PLUS Telescopic sleeve with additional fixing features	178		V	V	V		V			V					V	V	
WBT Screw for concrete	179		V								V						
WCS Screw for concrete	180		V														
WB Self-drilling screws for steel	181		V								V					V	
WO-T Screws for steel	182									V	V				V	V	
WX-T Self-drilling screws for steel	183									V	V					V	
WW-T Screws for timber	184										V				V	V	
POK Steel washers	185		V	V	V		V		V	V	V				V	V	
POW-05, POW-07 Oval steel washers	185		V	V	V		V		V	V	V				V	V	

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Content

ROOFING INSULATION FIXINGS

	page	Cracked Concrete	Concrete	Stone	Solid Brick	Hollow Brick	Hollow Blockwork	Lightweight Concrete	Aerated Concrete Block	Metal Sheet Profiles	Wood	Plasterboard	Structural Steel	Insulation Boards	Chipboard	ETA	ITB
PKW-07 Square Steel Washer 64mm	186		V	V	V		V		V	V	V				V	V	
RT-BIT-PH2 Phillips/RT-BIT-TORX25 T25 long screwdriver bits	186																
RT-ADAP Expanders SDS plus Roof System	187																
ADAPTER-MAG For steel washers	187																
RT-TD Drill bits Roof System	188		V	V	V												

FOAMS, SEALANTS & ADHESIVES

RPS B3 Hand Held Expanding Foam	195
RPS-PVC Hand Held Foam - Low Expansion	195
RPS-500 Hand Held Polyurethane Foam	196
RPP-45 GUN PU Foam	196
RPP-65 Super Efficient GUN PU Foam	197
RPP-PVC Low Expansion Gun PU Foam	197
B1 Fire Resistant Gun PU Foam	198
R-RPP-FIX	198
RPP-MORTAR	200
R-RPC-0500 Agent for removing uncured polyurethane foams	200
RPP-GUN-NC Professional gun for expanding foams	201
R-SL-BUD Construction Silicone	204
R-SL-SAN Sanitary Silicone	204
R-SL-NEU Neutral Silicone	205
R-SL-UNI Universal Silicone	205
R-SL-SKL Glass Silicone	206
R-SL-TK High Temperature Silicone	206
R-SL-LUS Mirrors Adhesive Silicone	207
R-SL-DEK Roof Rubber Silicone	207
R-SL-MA Acrylic	209
R-SL-MAGK Acrylic for Drywall	209

SCREWS

	page	Cracked Concrete	Concrete	Stone	Solid Brick	Hollow Brick	Hollow Blockwork	Lightweight Concrete	Aerated Concrete Block	Metal Sheet Profiles	Wood	Plasterboard	Structural Steel	Insulation Boards	Chipboard	ETA	ITB
R-CS-CS Timber screws with countersunk head	213										V				V	V	
R-CS-WH Timber screws with wafer head	214										V				V	V	
R-TS Chipboard screws	215										V						
R-DSX Decking Screws	216										V		V				
R-DSX-A2 Stainless steel decking screws	217										V		V				
R-OCR self-drilling screws for composite panels, max 6mm	223									V							V
R-ONR self-drilling screws for composite panels, max 12mm	224									V							V
R-ORR self-drilling Screws for composite panels, max 18mm	225									V							V
R-OTR self-drilling screws for composite panels to concrete and timber	231		V								V						V

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Content

DIRECT AND MANUAL FASTENING SYSTEMS

	page	Cracked Concrete	Concrete	Stone	Solid Brick	Hollow Brick	Hollow Blockwork	Lightweight Concrete	Aerated Concrete Block	Metal Sheet Profiles	Wood	Plasterboard	Structural Steel	Insulation Boards	Chipboard	ETA	ITB
R-RAWL-SC40 II Gas powered steel and concrete nailer	238	V	V							V							
R-KNC, R-KSC plastic collated concrete pins with fuel cells	238	V															
R-RAWL-GP5 Fuel cell	239																
R-TPC plastic clip for twin and earth cable	239		V										V				
R-TPLC plastic clip for twin and earth cable	240		V										V				
R-AW	240		V										V				
R-FPD double plastic clip	241		V										V				
R-FP single plastic clip	241		V										V				
R-PFT single metal clip for low voltage fire protection systems	242		V										V				
R-DFT double metal clip for low voltage fire protection systems	242		V										V				
R-FT single metal clip for pipe installation	243		V										V				
R-WDC double cable bow	243		V										V				
R-WSC single cable bow	244		V										V				
R-RAWL-RB3908 Rebar tie wire	244																
SP-KSC plastic collated pins	245		V										V				
SP-KSC single pins	246		V										V				
R-RAWL-WW90CH Gas powered framing nailer	246		V										V		V		
R-RAWL-GMC38 Gas powered joist hanger nailer	247										V				V		
R-RAWL-A2064 Gas powered second fix nailer	247										V				V		
R-RAWL-B1664 Gas powered second fix nailer	248										V				V		
Clipped head, paper collated nails with fuel cells	248																
R-HDGT-3838 Paper collated joist hanger nails	250										V				V		
Brad nails	251																
R-RAWL-GP1	252										V						
R-RAWL-PN-3490 Pneumatic framing nailer	253										V						
SPG-DPG paper collated nails without fuel cells	253										V						
R-RAWL-PNP-130 Pneumatic framing nailer	255										V						
R-GPG plastic collated nails	255										V						
R-RAWL-PN-70 Pneumatic coil nailer	256										V						
R-GDP wire collated nails	256										V						
R-RAWL-PRN-45 Pneumatic roofing nailer	257										V				V		
R-RAWL-C100-P Oil lubricated compressor	259																

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DIRECT AND MANUAL FASTENING SYSTEMS

	page	Cracked Concrete	Concrete	Stone	Solid Brick	Hollow Brick	Hollow Blockwork	Lightweight Concrete	Aerated Concrete Block	Metal Sheet Profiles	Wood	Plasterboard	Structural Steel	Insulation Boards	Chipboard	ETA	ITB
R-RAWL-C20-PRO Oil lubricated compressor	259																
R-RAWL-C24 Oil lubricated compressor	260																
R-RAWL-C50 Oil lubricated compressor	260																
R-RAWL-C50-10 Oil lubricated compressor	261																
R-RAWL-C6 Oil free compressor	261																
RT-KGR0010 Hand stapler – Standard, 6-10 mm	262										V		V		V		
RT-KGR0011 and RT-KGR0012 Hammer Tacker – Roofing 6-10 mm	262										V	V			V		
RT-KGR0012 Hammer Tacker, 6-10 mm	263										V	V			V		
RT-KGR0013 Hammer Tacker – Roofing pro 6-14 mm	263										V	V			V		
RT-KGR0014 Hand stapler – Trade, 6-10 mm	264										V	V			V		
RT-KGR0024 Hand stapler – Universal Trade 3 in 1, 6-14 mm	264										V	V			V		
RT-KGR0027 Hand stapler – Cable tacker, 10-14 mm	265										V	V			V		
RT-KGR0029 Hand stapler – Powerful easy shot 3 in 1, 6-14 mm	265										V		V		V		
RT-KGR0030 Hand stapler – Easy shot 3 in 1, 6-14 mm	266										V		V		V		
RT-KGR0031 Hand stapler – 3 in 1, 6-14 mm	266										V		V		V		
RT-KGR0032 Hand stapler – Household, 6-14 mm	267										V		V		V		
RT-KGR0033 Hand stapler – Extra light, 6-14 mm	267										V		V		V		
RT-KGR0034 Hand stapler – Compact 3 in 1, 6-14 mm	268										V		V		V		
RT-KGR0053 Hand stapler – Easy squeeze, 6-10 mm	268										V		V		V		
RT-KGR0055 Hand stapler – Office, 6-10 mm	269										V		V		V		
RT-KGR00153 Hand stapler – Handy, 6-10 mm	269										V		V		V		
RT-KGR0162 Hand stapler, 6in1 heavy duty	270										V				V		
RT-KSS Staples	270																
RT-GG-180-AU Professional glue gun 180W	272																
RT-GG-080-AU Universal glue gun 80W	273																
RT-GG-055-AU Glue gun 55W	273																
RT-GG Glue	274										V		V				

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Content

POWER TOOL ACCESSORIES

	page	Reinforced Concrete	Concrete	Stone	Solid Brick	Hollow Brick	Hollow Blockwork	Lightweight Concrete	Aerated Concrete Block	Metal Sheet Profiles	Wood	Plasterboard	Structural Steel	Insulation Boards	Chipboard	ETA	Sicher Safe
RT-MAXH Hollow drill bits Dustlessdrill SDS max	288	V	V		V												V
RT-MAXT Turbodrill SDS MAX	288	V	V	V	V												V
RT-MAXR Rebardrill SDS MAX	289	V	V	V	V												V
RT-MAXA Drill bits Aggressor SDS max	290	V	V	V	V												V
RT-MAXC Connector SDS max	292																
RT-MAXA-PC Point chisels SDS max	292		V	V		V											
RT-MAXA-FT Flat chisel SDS max	292		V	V	V												
RT-MAXA-BH Channel chisel SDS max	293		V	V	V												
RT-MAXA-BH Channel chisel SDS max	293		V		V	V											
RT-MAXA-BUSHH Bush hammer SDS max	294		V		V												
RT-SDSA Drill bits Aggressor SDS plus	294		V		V	V		V									V
RT-SDSB Drill bits Brickdrill SDS plus	297					V		V									V
RT-SDSG Drill bits Rebardrill SDS plus	298		V	V	V												V
RT-SDSR Drill bits Rebardrill SDS plus	299	V	V	V	V												V
RT-SDSF Drill bits Framedrill SDS plus	301	V	V	V	V												V
RT-HCB Hollow Core Bits SDS plus	306	V	V	V				V									
RT-SDSH Hollow drill bits Dustlessdrill SDS plus	306		V														
RT-SDSD Drill bits SDS plus with collar	307	V															V
RT-ADAP Expanders SDS plus Roof System	308																
RT-TD, RT-TDR Drill bits Roof System	308	V	V														
RT-TDC Drill bits Roof System with collar	309		V														
RT-SDSA-PC Point chisel SDS plus	309		V	V	V												
RT-SDSA-FC Flat chisels SDS plus	310		V	V	V												
RT-SDSA-CH Channel chisel SDS plus	310		V	V	V												
RT-IMP Masonry drill bits Impactor	311		V	V	V												V
RT-HSSC HSS Cobalt drill bits	312									V			V				
RT-HSSP HSS drill bits	313									V			V				
RT-HSSL HSS long drill bits	314									V			V				
RT-HSSD Double ended HSS drill bits	315									V			V				
RT-AWD Auger bits	316										V				V		
RT-FWD Formwork drill bits	316										V				V		
RT-PDW Point drill bits	317										V				V		
RT-FLWD Flat drill bits	318										V				V		
RT-DKW Decking kit	318																

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POWER TOOL ACCESSORIES

	page	Reinforced Concrete	Concrete	Stone	Solid Brick	Hollow Brick	Hollow Blockwork	Lightweight Concrete	Aerated Concrete Block	Metal Sheet Profiles	Wood	Plasterboard	Plastic	Insulation Boards	Chipboard	ETA	Sicher Safe
RT-HS-SET Hole Saws sets	319																
RT-BIT Screwdriver bits	319																
RT-BIT-SET Screwdriver bits set	321																
RT-BIT-ADAP Bit holders	322																
RT-BIT-PH2 Phillips/RT-BIT-TORX25 T25 long screwdriver bits	323																
RT-TBIT Screwdriver bits	324																
RT-IS Impact sockets drive	325																
RT-IBIT Impact screwdriver bits	326																
RT-JSB Jigsaw blades for wood	329										V				V		
RT-JSB-M Jigsaw blades for steel	331									V			V				
RT-JSB Reciprocating saw blades for wood	332										V				V		
RT-JSB Reciprocating saw blades for steel	333									V			V				
RT-RSB-AB Reciprocating saw blades for cutting aerated concrete	333						V	V	V	V							
Diamond discs	334	V	V	V	V		V										
Cutting wheels	336			V	V					V							
RT-KLESSCHUCK/13 Keyless chuck	339																
RT-CHUCK/13 Chuck with key	340																
RT-CHUCKSET/1 Set of chuck and adapter SDS plus	341																

APPROVED BODY SYMBOLS

ETA	European Technical Approval and European Technical Assessment		Polish Construction Sign (Poland, Warsaw)		Approval of Prüfgemeinschaft Mauerbahrer (PGM)
CE	CE Marking		Resistance to fire exposure		Earthquake Resistant

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RAWLPLUG®

100 YEARS OF EXPERTISE
IN FIXINGS, FASTENERS AND TOOLS

Bonded Anchors

Overview of our range

	BONDED ANCHOR SYSTEM:	R-KEX II with threaded rods	R-KEX II with ITS	R-KEX II with rebar as an anchor	R-KEX II with post -installed rebar	R-KER II with threaded rods	R-KER II with ITS	R-KER II with rebar as an anchor	R-KER II with post -installed rebar	R-KER with threaded rods	R-KER with ITS
	RESIN	PURE EPOXY				HYBRID				VINYLESTER	
ANCHOR MATERIAL	5.8 STEEL CLASS, ZINC PLATED	☑	-	-	-	☑	-	-	-	☑	-
	8.8 STEEL CLASS, ZINC PLATED	☑	-	-	-	☑	-	-	-	☑	-
	STAINLESS STEEL	☑	-	-	-	☑	-	-	-	☑	-
	REBAR	-	-	☑	☑	-	-	☑	☑	-	-
	R-ITS	-	☑	-	-	-	☑	-	-	-	☑
SUBSTRATES	CONCRETE	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑
	CRACKED CONCRETE	☑	-	☑	☑	☑	☑	☑	☑	☑	-
	SILICATE BRICK	-	-	-	-	-	-	-	-	-	-
	SOLID BRICK	-	-	-	-	-	-	-	-	-	-
	HOLLOW BRICK	-	-	-	-	-	-	-	-	-	-
	LIGHTWEIGHT CONCRETE BLOCKS	-	-	-	-	-	-	-	-	-	-
	AERATED CONCRETE BLOCKS	-	-	-	-	-	-	-	-	-	-
APPROVALS	ETA CE	☑ ETA Option 1	☑ ETA Option 7	☑ ETA Option 7	☑ ETA Option 7	☑ ETA	☑ ETA Option 1	☑ ETA Option1	☑ ETA	☑ ETA Option 1	☑ ETA Option 7
	SEISMIC	☑	☑	☑	☑	☑	☑	☑	☑		
	FIRE RESISTANT					☑	☑	☑	☑	☑	☑
	VOC					☑	☑	☑	☑		
	IBDIM	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑
DESIGN TENSION LOADS IN kN	[kN]	N_{Rd}	N_{Rd}	N_{Rd}	N_{Rd}	N_{Rd}	N_{Rd}	N_{Rd}	N_{Rd}	N_{Rd}	N_{Rd}
	10	M8	M6	Ø8	Ø8	M8	M6	Ø8	Ø8	M8	M6
	20										
	30										
	40		M16				M 16				M16
	50										
	60										
	70										
	80										
	90										
	100										
	120									M30	
	140										
	240										
	260										
	280										
	300	M30		Ø32		M 30		Ø32			
	350										
	400								Ø40		
	500				Ø40						

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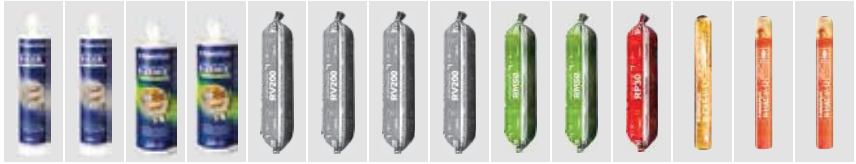
Overview of our range



	BONDED ANCHOR SYSTEM:	R-KER with rebar as an anchor	R-KER with post -installed rebar	R-KEM II in concrete	R-KEM II in masonry	RV200 with threaded rods	RV200 with ITS	RV200 with rebar as an anchor	RV200 with post -installed rebar	RM50 in concrete	RM50 in masonry	RP30 with threaded rods	R-CAS-V with threaded rods	R-HAC-V with threaded rods	R-HAC-V with rebar as an anchor
	RESIN	VINYLESTER		POLYESTER		CARTRIDGES FREE SYSTEM CFS+							CAPSULE		
						VINYLESTER CFS+				POLYESTER CFS+			VINYLESTER		
ANCHOR MATERIAL	5.8 STEEL CLASS, ZINC PLATED	-	-	☑	☑	☑	-	-	-	☑	☑	☑	☑	☑	-
	8.8 STEEL CLASS, ZINC PLATED	-	-	☑	☑	☑	-	-	-	☑	☑	☑	☑	☑	-
	STAINLESS STEEL	-	-	☑	☑	☑	-	-	-	☑	☑	☑	☑	☑	-
	REBAR	☑	☑	-	-	-	-	☑	☑	-	-	-	-	-	☑
	R-ITS	-	-	-	-	-	☑	-	-	-	-	-	-	-	-
SUBSTRATES	CONCRETE	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑
	CRACKED CONCRETE	-	☑	-	-	☑	-	-	☑	-	-	-	-	-	-
	SILICATE BRICK	-	-	-	☑	-	-	-	-	-	☑	-	-	-	-
	SOLID BRICK	-	-	-	☑	-	-	-	-	-	☑	-	-	-	-
	HOLLOW BRICK	-	-	-	☑	-	-	-	-	-	☑	-	-	-	-
	LIGHTWEIGHT CONCRETE BLOCKS	-	-	-	☑	-	-	-	-	-	☑	-	-	-	-
	AERATED CONCRETE BLOCKS	-	-	-	☑	-	-	-	-	-	☑	-	-	-	-
APPROVALS	ETA CE	☑ ETA Option 7	☑ ETA	☑ ETA Option 7	☑ ETA	☑ ETA Option 1	☑ ETA Option 7	☑ ETA Option 7	☑ ETA Option 7	☑ ETA Option 7	☑	☑ ETA Option 7	☑ ETA Option 7	☑ ETA Option 7	☑ ETA Option 7
	SEISMIC														
	FIRE RESISTANT	☑	☑												
	VOC														
	IBDIM	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑
DESIGN TENSION LOADS IN kN	[kN]	N_{Rd}	N_{Rd}	N_{Rd}	N_{Rd}	N_{Rd}	N_{Rd}	N_{Rd}	N_{Rd}	N_{Rd}	N_{Rd}	N_{Rd}	N_{Rd}	N_{Rd}	N_{Rd}
	10	Ø8	Ø8	M8	M8-M16	M8	M6	Ø8	Ø8	M8	M8-M16	M8	M8	M8	Ø8
	20														
	30														
	40						M16								
	50														Ø25
	60														
	70														
	80											M30		M30	
	90									M30					
	100			M30									M30		
	120	Ø32				M30		Ø32							
	140														
	240														
	260		Ø32						Ø32						
	280														
	300														
	350														
	400														
	500														

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Overview of our range

BONDED ANCHORS - RESIN TYPES

PURE EPOXY	HYBRID RESIN	VINYLESTER	POLYESTER STYRENE FREE	POLYESTER
• Most suitable for construction, as well as for deep anchorages. • Designed for heavy duty anchorages in cracked and non-cracked concrete • Suitable for use in dry and wet substrates as well as holes and substrates covered with water • Installation depths of up to 2.5 metres for deep anchoring applications • Seismic category C1	• Intended for medium and heavy-duty anchorages. • Approved for use with threaded rods, ITS and rebars in cracked and non-cracked concrete • Suitable for use in dry and wet substrates as well as holes and substrates covered with water • Excellent chemical resistance • Installation depths of up to 1.5 metres for deep anchoring applications • Seismic category C1	• Most common product for construction • Intended for medium and heavy-duty anchorages in cracked and non-cracked concrete • Suitable for use in low temperatures (down to -20° for winter option) enables use throughout the year • Suitable for use in dry and wet substrates as well as holes and substrates covered with water • Installation depths of up to 1 metre for deep anchoring applications	• The most contemporary general use bonded anchor • Intended for medium duty fixings in 15 types of substrate. • Low odour suitable for indoor applications • Product with wide spectrum of use in the medium load capacity area	• Recommended for outdoor applications • Suitable for medium duty fixings in non-cracked concrete

BONDED ANCHORS ARE OFFERED IN A WIDE RANGE OF SYSTEMS:

GLASS CAPSULES	CARTRIDGES	FOILS
Glass capsules containing both the resin and hardener, which mix and set after the stud or socket is driven in to the hole.	Tubular plastic cartridges containing resin. Various formats depending on resin components, which are kept separate within cartridge until delivered via mixer nozzle. ▪ foil cartridge system CHUBAPAC ▪ coaxial cartridge system COX ▪ cartridge system side by side SBS	CFS+ (Cartridge Free System) Innovative resin dispensing system with unique packaging solution, which reduces overall waste. Resin components contained separately within foil until delivered via mixer nozzle.

FEATURES & BENEFITS OF DELIVERY SYSTEMS:

▪ Quick and easy to install ▪ Only solid substrates ▪ Minimal packaging waste - Whole capsule installed in hole ▪ No waste resin ▪ No special tools required ▪ No time limitations - resin only begins to set after stud, rod or rebar is inserted	▪ For all substrates, including deep anchorages ▪ Many applications from one cartridge ▪ Ability to resume use after stoppages ▪ Small cartridges are compatible with standard, low-cost silicone guns ▪ Simple to store and transport	▪ For all substrates, including deep anchorages ▪ Easy to dispense ▪ Less waste - Recyclable packaging ▪ The cost-effective solution for many customers

RESIN PRODUCTS AVAILABLE IN EACH SYSTEM:

VINYLESTER: R-HAC-V, R-CAS-V	PURE EPOXY: R-KEX II HYBRID R-KER-II VINYLESTER R-KER, POLYESTER: R-KEM II	VINYLESTER: RV200 POLYESTER: RM50, RP30

BONDED ANCHORS - ACCESSORIES

STUDS & SOCKETS (ITS)	HOLE BRUSHES	DISPENSERS & HOLEPUMP	TENSION TESTER

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Resin consumption for bonded anchors

Cartridge size	Stud diameter	d		M8	M10	M12	M16	M20	M24	M30
	Hole diameter in substrate	d_0	[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	psc	65	49	33	17	6,7	4,4	2,3
		8d	psc	62	38	25	13	5,1	3,4	1,7
		10d	psc	51	31	21	10	4,1	2,7	1,4
		12d	psc	43	26	17	9,2	3,5	2,3	1,2
		16d	psc	33	20	13	7	2,6	1,7	0,9
300ml	Quantity of anchored studs for depth	6d	psc	112	84	57	29	11,5	7,6	4
		8d	psc	106	66	44	23	8,8	5,8	3
		10d	psc	87	54	36	18	7,1	4,7	2,4
		12d	psc	74	46	30	15,9	6	4	2
		16d	psc	57	35	23	12,1	4,5	3	1,5
345ml	Quantity of anchored studs for depth	6d	psc	129	97	65	34	13,2	8,8	4,6
		8d	psc	122	76	51	26	10,1	6,7	3,5
		10d	psc	100	62	41	21	8,2	5,4	2,8
		12d	psc	85	53	35	18,2	6,9	4,6	2,3
		16d	psc	65	40	27	13,9	5,2	3,4	1,7
380ml	Quantity of anchored studs for depth	6d	psc	142	107	72	37	14,6	9,7	5
		8d	psc	135	83	56	29	11,1	7,4	3,8
		10d	psc	111	68	46	23	9	6	3,1
		12d	psc	94	58	38	20,1	7,6	5	2,6
		16d	psc	72	44	29	15,3	5,7	3,8	1,9
385ml	Quantity of anchored studs for depth	6d	psc	144	108	73	38	14,8	9,8	5,1
		8d	psc	136	85	57	29	11,3	7,5	3,9
		10d	psc	112	69	46	24	9,2	6,1	3,1
		12d	psc	95	59	39	20,4	7,7	5,1	2,6
		16d	psc	73	45	30	15,5	5,8	3,8	2
400ml	Quantity of anchored studs for depth	6d	psc	150	113	76	39	15,3	10,2	5,3
		8d	psc	142	88	59	30	11,7	7,8	4
		10d	psc	117	72	48	25	9,5	6,3	3,2
		12d	psc	99	61	41	21,2	8	5,3	2,7
		16d	psc	76	47	31	16,1	6	4	2
410ml	Quantity of anchored studs for depth	6d	psc	154	116	77	40	15,7	10,5	5,4
		8d	psc	145	90	60	31	12	8	4,1
		10d	psc	119	74	49	25	9,7	6,5	3,3
		12d	psc	101	63	42	21,7	8,2	5,4	2,8
		16d	psc	78	48	32	16,5	6,2	4,1	2,1
600ml	Quantity of anchored studs for depth	6d	psc	225	169	114	59	23	15,3	8
		8d	psc	213	132	88	46	17,6	11,7	6,1
		10d	psc	175	108	72	37	14,3	9,5	4,9
		12d	psc	149	92	61	31,8	12	8	4,1
		16d	psc	114	70	47	24,2	9,1	6	3,1

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R-KEX II Pure epoxy resin

Premium pure epoxy resin approved for use in cracked and non-cracked concrete

Features and benefits

- Approved for use with :
  - threaded rods for use in cracked and non-cracked concrete
  - sockets in non-cracked concrete
  - rebar as an anchor in cracked and non-cracked concrete
  - post-installed rebars in concrete
- Suitable for use in dry and wet substrates including under water
- 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)
- Seismic category C1 for use with threaded rods and rebar as an anchor
- High depth of anchoring – 2,5 m for rebar applications
- For use in temperatures above 0°C
- High depht of anchoring - 2,5 m for rebar applications
- Diamond and hammer drilling
- Special mixer nozzle - allows for precise mixing of the product

Approvals and Reports

- ETA-13/0455
- ETA-13/0585

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
- 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

Installation guide movie

R-KEX-II-600 R-KEX-II-385

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-KEX600AKUDOSE	10	10	560
R-KEX-II-600	600	R-GUN-MULTI	R-GUN-KEX600AKUDOSE	7	7	441

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NEW PRODUCT

R-KER II Hybrid resin

High resistance vinylester hybrid resin approved for use in cracked and non-cracked concrete

Features and benefits

- Approved for use with :
  - threaded rods for use in cracked and non-cracked concrete
  - sockets in non-cracked concrete
  - rebar as an anchor in cracked and non-cracked concrete
  - post-installed rebars in concrete
- High depht of anchoring - 1,5 m for rebar applications
- Three methods for preparing core holes, including automatic Dustless Drill
- Suitable for use in dry and wet substrates as well as holes and substrates covered with water
- Very high load capacity
- Seismic category C1 for use with threaded rods and rebar as an anchor
- Anchor does not generate tensions in the substrate which enables R-KER II to be specified where closer edge and spacing distances are required
- Suitable for multiple use. Partly used product can be reused after fitting new nozzle
- High depht of anchoring - 1,5 m for rebar applications
- Three methods for preparing core holes, including automatic Dustless Drill

Approvals and Reports

- ETA-17/0594
- ETA-17/0874

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
- Pipework/ductwork supports
- Platforms
- Pipelines systems
- Passenger lifts
- Post-installed rebar connections
- Rebar and rebar dowelling
- Rebar missed-outs
- Streghtening reinforced concrete structures

Installation guide movie

R-KER II-300 R-KER II-345 R-KER II-400

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	Volume	Recommended R-GUN		Quantity		
				Box	Outer	Pallet
	ml	manual	electrical	pcs	pcs	pcs
R-KER II-300	standard	300	R-GUN-MULTI	-	10	840
R-KER II-345	standard	345	R-GUN-345-N	-	10	840
R-KER-II-400	standard	400	R-GUN-MULTI	R-GUN-380-AKUDOSE	10	560
R-KER-II-300-S	summer	300	R-GUN-MULTI	-	10	840
R-KER-II-400-S	summer	400	R-GUN-MULTI	R-GUN-380-AKUDOSE	10	560
R-KER II-300-W	winter	300	R-GUN-MULTI	-	10	840
R-KER II-345-W	winter	345	R-GUN-345-N	-	10	840
R-KER-II-400-W	winter	400	R-GUN-MULTI	R-GUN-380-AKUDOSE	10	560

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RAWLPLUG

HIGHLIGHTS

R-KER II

Hybrid bonded anchor

EXTENSIVE CERTIFICATATION

The R-KER II has been designed for professionals, and in order to satisfy their needs, it was tested to confirm its top class parameters. The following certificates have been consequently obtained: ETA, C1 validating the use of the R-KER II anchor in seismic territories, and certificates verifying its fire resistance, electric conductivity and content of VOC (volatile organic compounds). This is what makes the R-KER II perfect for application in severe operating conditions.

COMPLETE SYSTEM ENSURING SAFE FIXING

The innovative formula of the resin has made it possible to achieve some of the highest load capacity in the group of hybrid resins. R-KERII ensures the highest safety level of anchor fasteners thanks to improvement and acceleration of the hole preparation process. Using Dustless Drill with automatic suction drilling and cleaning the holes you do at the same time. Thanks to this, you achieve optimal preparation of the anchoring hole and save time needed to prepare the hole.

EXTRAORDINARY STRENGTH

The special resin formulation allows achieve one of the best load capacity in relation to similar resins on the market.

EASE OF USE

The R-KER II hybrid bonded anchor can be applied in a hole without cleaning, by means of the Dustless Drill Bit – which it provides

- Drilling and cleaning holes at one time
- Optimal preparation of the anchoring hole
- Saves time needed to prepare the hole
- Eliminating the risk associated with exposureto dust, reducing harmful dust.

What becomes a requirement on construction sites in an increasing number of countries (eg OSHA recommendation in the USA or HSE in Great Britain).

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R-KER II

HYBRID BONDED ANCHOR

Efficiency and comfort of use, high technical parameters confirmed by recognised certificates and a wide range of applications with different rod types guarantee durable and secure anchoring. It is the needs of our clients that inspired us to develop the R-KER II.

ETA 17/0874 ETA 17/0594

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Durability and strength

Extensive certification: **ETA, C1, VOC, R240, Electric Resistivity**

Wide range of connectors with many sizes and anti-corrosive variants **HCR, A4, UHS ZF, ZF, HDG, ZP**

Three resin versions: standard summer winter

Comfortable work and better efficiency Using in fixing Dustless Drill - you can save up to 40% of the time on resin applications

Easy installation thanks to a dedicated nozzle with scale on the mixer, providing accurate injection of resin

Dustless Drill - accelerated installation time due to simplified procedure - just drill the hole and apply system thanks to the automatic extraction of the output

High resistance in a variety of corrosive environments **(C1-C5)**

Convenient working conditions – 3 options of hole preparation: automatic cleaning using hollow drillbit, traditional method with brush, cleaning with compressed air

Thanks to the special formulation, resin fills all voids in the hole, while improved adhesion and even distribution of forces additionally ensure durable and reliable fixing.

INSTALLATION GUIDE

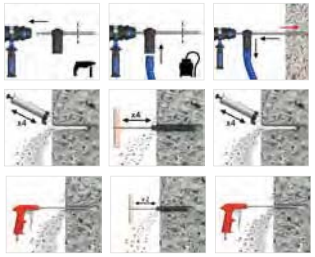
Fix it comfortably

Apply a new and innovative drilling method using our special dustless drill bit. Rawlplug's hollow Dustlessdrill bit makes every installation easier, cleaner and more durable.

Drilling with automatic cleaning with the hollow Dustlessdrill bit

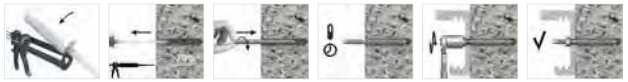
Traditional method – using blowpump and brush (4x, 4x, 4x)

Cleaning with compressed air (2x, 2x, 2x)



R-KER II

hybrid bonded anchor



1. Drill a hole to the right diameter and depth.
2. Insert a cartridge into the gun and attach a mixing nozzle.
3. When using a new cartridge, discard some part of resin until you obtain uniform colour of mixture.
4. Fill the hole with resin up to 70% of its volume starting from its far end.
5. Once you have dosed the resin, immediately insert a rod into the hole in a twisting motion. Remove any excess of resin that has escaped the hole and leave it undisturbed until it cures.
6. Attach the fixture and tighten the nut to the required torque.

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R-KER Vinylester resin

High performance vinylester resin approved for use in cracked and non-cracked concrete

Features and benefits

- Suitable for use in dry and wet substrates as well as holes and substrates covered with water
- Very high load capacity
- Anchor does not generate tensions in the substrate which enables R-KER to be specified where closer edge and spacing distances are required
- Suitable for use in low temperatures (down to -20°C for winter option) enables use throughout the year
- Winter version can be used in warmer temperatures for faster curing
- Rapid bonding time enables quick execution of works
- High depht of anchoring - 1 m for rebar applications
- Approved for use with threaded rods, sockets, rebar as an anchor for use in cracked and non-cracked concrete
- Approved for use with post-installed rebars in non-cracked concrete

Approvals and Reports

- ETA-10/0055
- ETA-13/0805
- ETA-12/0319

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
- Post-installed rebar connections
- Rebar
- Temporary works/formworks support systems
- Fencing & gates manufacturing and installation
- Pipework/ductwork supports
- Platforms
- Pipelines systems
- Passenger lifts

Installation guide movie

R-KER 345 R-KER 400

R-KER with Threaded Rods

R-KER with Rebar as an Anchor/ with Post-Installed Rebar

R-KER with Sockets

Rawlplug code	Version	Volume	Recommended R-GUN		Quantity		
					Box	Outer	Pallet
		ml	manual	electrical	pcs	pcs	pcs
R-KER-300	standard	300	R-GUN-MULTI	-	10	10	840
R-KER-345	standard	345	R-GUN-345-N	-	10	10	840
R-KER-380	standard	380	R-GUN-MULTI	R-GUN-380-AKUDOSE	10	10	560
R-KER-400	standard	400	R-GUN-MULTI	R-GUN-380-AKUDOSE	10	10	560
R-KER-300-W	winter	300	R-GUN-MULTI	-	10	10	840
R-KER-380-W	winter	380	R-GUN-MULTI	R-GUN-380-AKUDOSE	10	10	560
R-KER-400-W	winter	400	R-GUN-MULTI	R-GUN-380-AKUDOSE	10	10	560
R-KER-380-S	summer	380	R-GUN-MULTI	R-GUN-380-AKUDOSE	10	10	560
R-KER-400-S	summer	400	R-GUN-MULTI	R-GUN-380-AKUDOSE	10	10	560

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R-KEM II Styrene free polyster resin

Universal polyester (styrene free) resin - European Approval for 15 substrates

Features and benefits

- Approved for use for 15 substrates
- Suitable for use in dry or wet substrates and water filled holes
- The most convenient bonded anchor for general purpose use
- 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
- Suitable for multiple use. Partly used product can be reused after fitting spare nozzle

Approvals and Reports

- ETA-12/0394
- ETA-12/0528

Base materials

Approved for use in:

- Non-cracked concrete C20/25-C50/60
- Solid Concrete Block
- Hollow-core Slab
- Solid Brick
- Solid Sand-lime Brick
- Hollow Sand-lime Brick
- Hollow Brick
- Vertically-perforated clay block
- Hollow Lightweight Concrete Block
- Aerated Concrete Block

Also suitable for use in:

- Natural Stone

Applications

- Staircases
- Gates
- High racks
- Canopies
- Sanitary appliances
- Steel constructions
- Window elements
- Railings
- Handrails
- Consoles
- Ladders
- Cable trays

Installation guide movie

R-KEM-II-175 R-KEM-II-410

R-KEM II with Threaded Rods for concrete

R-KEM II with Threaded Rods for masonry

Rawlplug code	Version	Volume	Recommended R-GUN		Quantity		
					Box	Outer	Pallet
		ml	manual	electrical	pcs	pcs	pcs
R-KEM-II-175	standard	175	R-GUN-MULTI	-	10	50	600
R-KEM-II-300	standard	300	R-GUN-MULTI	-	10	10	840
R-KEM-II-410	standard	410	R-GUN-MULTI	R-GUN-380-AKUDOSE	10	10	560
R-KEM-II-175-W	winter	175	R-GUN-MULTI	-	10	50	600
R-KEM-II-300-W	winter	300	R-GUN-MULTI	-	10	50	600
R-KEM-II-175-S	summer	175	R-GUN-MULTI	-	10	50	600
R-KEM-II-300-S	summer	300	R-GUN-MULTI	-	10	50	600
R-KEM-II-175-SET	set	175	R-GUN-MULTI	-	5	5	525
R-KEM-II-300-SET	set	300	R-GUN-MULTI	-	5	5	320
R-KEM-II-300-STONE	-	300	R-GUN-MULTI	-	10	50	600
R-KEM-II-410-STONE	-	410	R-GUN-MULTI	R-GUN-380-AKUDOSE	10	10	560
R-KEM-II-300-GREY	-	300	R-GUN-MULTI	-	10	50	600
R-KEM-II-410-GREY	-	410	R-GUN-MULTI	R-GUN-380-AKUDOSE	10	10	560

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R-KF2 Polyester resin

Economy polyester resin approved for use in non-cracked concrete

Features and benefits

- Economical fixings resin for medium duty load applications
- Can be used in damp conditions and underwater applications
- Wide range of steel studs with different lengths and diameters
- Small edge and spacing distances
- Suitable for repetitive use. Partly used product can be reused by fitting a new mixing nozzle

Approvals and Reports

- ETA-11/0141

Base materials

Approved for use in:

- Non-cracked concrete C20/25-C50/60

Applications

- Guard rails
- Handrails
- Canopies
- Masonry support
- Balustrading
- Cable trays
- Curtain walling
- Fencing & gates manufacturing and installation

R-KF2-300

R-KF2 with Threaded Rods for concrete

Rawlplug code	Volume	Recommended R-GUN		Quantity		
				Box	Outer	Pallet
	ml	manual	electrical	pcs	pcs	pcs
R-KF2-300	300	R-GUN-MULTI	-	10	10	840
R-KF2-380	380	R-GUN-MULTI	R-GUN-380-ADUDOSE	10	10	560
R-KF2-400	400	R-GUN-MULTI	R-GUN-380-ADUDOSE	10	10	560

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RV200 Vinylester resin (CFS+ system)

High performance vinylester resin approved for use in cracked and non-cracked concrete - Cartridge Free System (CFS+)

Aprobaty

- ETA-10/0055
- ETA-13/0805
- ETA-13/0319

Installation movie

Features and benefits

- Approved for use with threaded rods for use in cracked and non-cracked concrete (ETAG001 Option 1)
- Suitable for use in low temperatures (down to -20°C for winter option) enables use throughout the year
- Suitable for use in dry and wet substrates as well as holes and substrates covered with water
- Anchor does not generate tensions in the substrate which enables RV200 to be specified where closer edge and spacing distances are required
- Unique soft foil pack for less waste
- Effortless extrusion due to the patented self-opening system with manual or battery dispenser guns
- Very high load capacity
- High depht of anchoring - 1 m for rebar applications

Applications

- Curtain walling
- Balustrading
- Handrails
- Canopies
- Cable trays
- Formwork support systems
- Heavy machinery
- Lighting columns
- Public seating
- Large panel reinforcing system -Copy Eco

Base materials

Approved for use in:

- Cracked concrete C20/25-C50/60
- Non-cracked concrete C20/25-C50/60

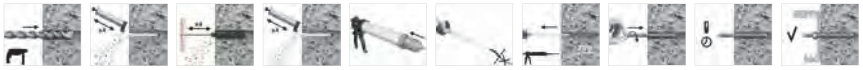
Approved for use with Post Installed Rebar in:

- Concrete C12/15 - C50/60

Also suitable for use in:

- High-Density Natural Stone (after site testing)
- Natural Stone
- Solid Brick
- Solid Concrete Block
- Solid Sand-lime Brick
- Reinforced concrete

RV200 with Threaded Rods



RV200 with Rebar as an Anchor/ with Post-Installed Rebar

RV200 with Sockets

Rawlplug code	Version	Volume	Recommended R-GUN		Quantity		
					Box	Outer	Pallet
		ml	manual	electrical	pcs	pcs	pcs
R-CFS+RV200-4	standard	300	R-CFS+GUN-600	R-CFS+GUN-600-AKU	1	8	96
R-CFS+RV200W-4	winter	300	R-CFS+GUN-600	R-CFS+GUN-600-AKU	1	8	96
R-CFS+RV200S-4	summer	300	R-CFS+GUN-600	R-CFS+GUN-600-AKU	1	8	96
R-CFS+RV200-600-8	standard	600	R-CFS+GUN-600	R-CFS+GUN-600-AKU	1	1	36
R-CFS+RV200TW-6008	winter	600	R-CFS+GUN-600	R-CFS+GUN-600-AKU	1	1	36

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RM50 Styrene free polyester resin (CFS+ system)

Universal polyester (styrene free) resin - European Approval for 15 substrates
- Cartridge Free System (CFS+)

Approvals and Reports

- ETA-12/0394
- ETA-12/0528

Installation movie

Features and benefits

- Approved for use for 15 substrates
- Suitable for use in dry or wet substrates and water filled holes
- The most contemporary general use bonded anchor
- Quick, secure and simple installation
- Unique soft foil pack for less waste
- Effortless extrusion due to patented self-opening system with manual or pneumatic dispenser guns
- Product with wide spectrum of use in the medium load capacity area
- Ideal for applications without the possibility of mechanical anchorage
- Suitable for multiple use. Partly used product can be reused after fitting spare nozzle

Applications

- Balustrading
- Handrails
- Canopies
- Curtain walling
- Consoles
- Staircases
- Gates
- High racking
- Sanitary appliances
- Steel constructions
- Railings
- Ladders
- Cable trays

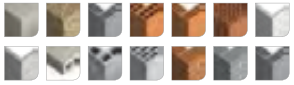
Base materials

Approved for use in:

- Non-cracked concrete C20/25-C50/60

Also suitable for use in:

- Natural Stone



RM50 with Threaded Rods for concrete

RM50 with Threaded Rods for masonry

Rawlplug code	Volume	Recommended R-GUN		Quantity		
				Box	Outer	Pallet
	ml	manual	electrical	pcs	pcs	pcs
R-CFS+RM50-4	300	R-CFS+GUN-600	R-CFS+GUN-600-AKU	1	8	96
R-CFS+RM50-600-8	600	R-CFS+GUN-600	R-CFS+GUN-600-AKU	1	1	36

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RP30 (CFS+) Polyester resin

Economy polyester resin approved for use in non-cracked concrete
- Cartridge Free System (CFS+)

Approvals and Reports

- ETA-11/0141

Installation movie

Features and benefits

- Effortless extrusion due to patented self-opening system with manual or battery dispenser guns
- Medium load capacity in non-cracked concrete
- Wide range of steel studs with different lengths and diameters
- Small edge and space distances

Applications

- Cable trays
- Handrails
- Fencing & gates manufacturing and installation
- Pipework installation
- Consoles
- Staircases
- Gates
- High racking
- Canopies
- Sanitary appliances
- Railings
- Ladders
- Cable trays

Base materials

Approved for use in:

- Non-cracked concrete C20/25-C50/60

RP30 with Threaded Rods

Rawlplug code	Volume	Recommended R-GUN		Quantity		
				Box	Outer	Pallet
	ml	manual	electrical	pcs	pcs	pcs
R-CFS+RP30-4	300	R-CFS+GUN-600	R-CFS+GUN-600-AKU	1	8	108
R-CFS+RP30-600-8	600	R-CFS+GUN-600	R-CFS+GUN-600-AKU	1	1	36

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R-CAS-V Spin-In capsule with threaded rods

High-performance, quick-setting, styrene-free vinylester resin for concrete

Approvals and Reports

- ETA-10/0108

Installation movie

Features and benefits

- Approved for use with threaded rods in non-cracked concrete
- 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 a precise volume of constituents making it a very consistent product
- Suitable for making fixings underwater. Adhesive strength is not affected by unpolluted water
- Suitable for dry or wet non-cracked concrete
- Styrene free - odourless

Applications

- Balustrading
- Railings
- Heavy machinery
- Structural steel
- Steel columns
- Cladding restraints
- Curtain walling
- Fencing & gates
- Formwork supports
- Garage doors
- Guard rails

Base materials

Approved for use in:

- Non-cracked concrete C20/25-C50/60

R-CAS-V Spin-In Capsule with Threaded Rods

Rawlplug code	Size	Drill diameter	Quantity		
			Box	Outer	Pallet
			pcs	pcs	pcs
R-CAS-V-08	8	9	10	480	5760
R-CAS-V-10	10	12	10	480	5760
R-CAS-V-12	12	14	10	480	5760
R-CAS-V-16	16	18	10	480	5760
R-CAS-V-20	20	22	6	108	1296
R-CAS-V-24	24	26	6	108	1296
R-CAS-V-30	30	32	4	32	384

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R-HAC-V Hammer-In capsule

Heavy duty anchor with small spacing and edge distances, simply installed by hammering the threaded rods

Approvals and Reports

- ETA-11/0002

Installation movie

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

Applications

- Balustrading & handrails
- Cable trays
- Guard rails
- Machinery
- Threaded rods
- Cladding restraints
- Curtain walling
- Fencing & gates

Base materials

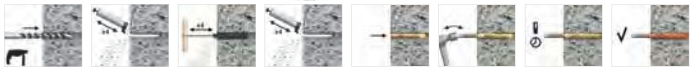
Approved for use in:

- Non-cracked concrete C20/25-C50/60

Also suitable for use in:

- Natural Stone

R-HAC-V Hammer-In with Threaded Rods



R-HAC-V Hammer-In with Rebar

Rawlplug code	Size	Drill diameter	Quantity		
			Box	Outer	Pallet
			pcs	pcs	pcs
R-HAC-V-08	8	9	10	480	5760
R-HAC-V-10	10	12	10	480	5760
R-HAC-V-12	12	14	10	480	5760
R-HAC-V-16	16	18	10	480	5760
R-HAC-V-20	20	22	6	108	1296
R-HAC-V-24	24	26	6	108	1296
R-HAC-V-30	30	32	4	32	384

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ACCESSORIES

- R-STUDS
- R-ITS
- R-BRUSH
- R-BLOWPUMP
- Plastic and Wire Mesh Sleeves R-PLS
- R-NOZ Mixer Nozzles
- R-GUN Dispenser Guns

RAWLPLUG®

R-STUDS Metric threaded rods

Threaded rod with hexagonal head made of carbon steel class 5.8 for use with bonded anchors

HEXAGONAL HEAD

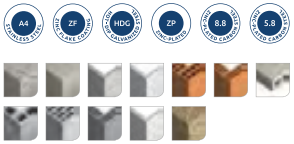
FLAT HEAD

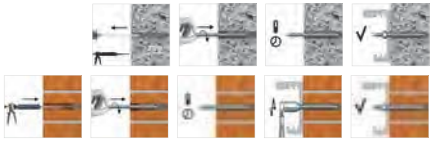
Features and benefits

- 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
- Machinery
- Facades
- Copy-eco systems
- Cable trays
- Curtain walling
- Formwork supports
- Heavy machinery
- Lamps
- Safety barriers
- Road Signs
- Railings
- Public seating





Size	Rawlplug code	Anchor		Quantity [pcs]		
		Diameter [mm]	Length [mm]	Box	Outer	Pallet
R-STUDS Metric Threaded Rods - Steel Class 5.8, Flat Head with Zinc Flake Coating						
M8	R-STUDS-08110FL-ZF	8	110	10	10	4200
M10	R-STUDS-10130FL-ZF	10	130	10	300	9000
M12	R-STUDS-12160FL-ZF	12	160	10	120	5400
M16	R-STUDS-16190FL-ZF	16	190	10	60	3600
R-STUDS Metric Threaded Rods - A4 with Hexagonal Head						
M8	R-STUDS-08110-A4	8	110	10	500	4200
	R-STUDS-08160-A4	8	160	10	150	4200
M10	R-STUDS-10130-A4	10	130	10	300	9000
	R-STUDS-10170-A4	10	170	10	10	4200
	R-STUDS-10190-A4	10	190	10	250	9000
M12	R-STUDS-12160-A4	12	160	10	120	5400
	R-STUDS-12190-A4	12	190	10	120	5760
	R-STUDS-12220-A4	12	220	10	120	5760
	R-STUDS-12260-A4	12	260	10	90	4200
	R-STUDS-12300-A4	12	300	10	10	4500
M16	R-STUDS-16190-A4	16	190	10	60	3600
	R-STUDS-16220-A4	16	220	10	60	2880
	R-STUDS-16260-A4	16	260	10	60	1920
	R-STUDS-16300-A4	16	300	5	5	270
	R-STUDS-16380-A4	16	380	1	40	1300
M20	R-STUDS-20260-A4	20	260	5	40	1600
	R-STUDS-20300-A4	20	300	5	5	870
	R-STUDS-20350-A4	20	350	2	2	-
M24	R-STUDS-24300-A4	24	300	2	12	1000
M30	R-STUDS-30380-A4	30	380	2	2	500

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R-STUDS Metric threaded rods (cont.)

Size	Rawlplug code	Anchor		Quantity [pcs]		
		Diameter [mm]	Length [mm]	Box	Outer	Pallet
R-STUDS Metric Threaded Rods - A4, Flat Head						
M8	R-STUDS-08110-A4FL	8	110	10	10	4200
M10	R-STUDS-10130-A4FL	10	130	10	10	9600
	R-STUDS-10170-A4FL	10	170	10	10	530
M12	R-STUDS-12160-A4FL	12	160	10	120	1800
	R-STUDS-12190-A4FL	12	190	10	10	5760
M16	R-STUDS-16190-A4FL	16	190	10	10	960
	R-STUDS-16220-A4FL	16	220	10	10	1000
	R-STUDS-16260-A4FL	16	260	10	10	240
M20	R-STUDS-20260-A4FL	20	260	5	5	1600
M24	R-STUDS-24300-A4FL	24	300	2	2	770
M30	R-STUDS-30380-A4FL	30	380	2	2	-
R-STUDS Metric Threaded Rods - Steel Class 5.8						
M8	R-STUDS-08110	8	110	10	500	4200
	R-STUDS-08160	8	160	10	150	4200
M10	R-STUDS-10130	10	130	10	300	9000
	R-STUDS-10170	10	170	10	10	4200
	R-STUDS-10190	10	190	10	250	9000
M12	R-STUDS-12160	12	160	10	120	5400
	R-STUDS-12190	12	190	10	120	5760
	R-STUDS-12220	12	220	10	120	5760
	R-STUDS-12260	12	260	10	90	4200
	R-STUDS-12300	12	300	10	10	4500
M16	R-STUDS-16190	16	190	10	60	3600
	R-STUDS-16220	16	220	10	60	2880
	R-STUDS-16260	16	260	10	60	1920
	R-STUDS-16300	16	300	5	5	270
	R-STUDS-16380	16	380	1	40	1300
M20	R-STUDS-20260	20	260	5	40	1600
	R-STUDS-20300	20	300	5	5	870
	R-STUDS-20350	20	350	2	2	-
M24	R-STUDS-24300	24	300	2	12	1000
M30	R-STUDS-30380	30	380	2	2	500
R-STUDS Metric Threaded Rods - Steel Class 5.8, Flat Head						
M8	R-STUDS-08110-FL	8	110	10	10	5040
	R-STUDS-08160-FL	8	160	10	10	2030
M10	R-STUDS-10130-FL	10	130	10	250	5040
	R-STUDS-10170-FL	10	170	10	10	3780
M12	R-STUDS-12160-FL	12	160	10	100	7200
	R-STUDS-12190-FL	12	190	10	120	1000
	R-STUDS-12220-FL	12	220	10	120	3200
	R-STUDS-12260-FL	12	260	10	10	1100
M16	R-STUDS-16190-FL	16	190	10	60	3840
	R-STUDS-16220-FL	16	220	10	10	1920
	R-STUDS-16260-FL	16	260	10	10	1920
M20	R-STUDS-20260-FL	20	260	6	36	1728
	R-STUDS-20300-FL	20	300	5	30	270
	R-STUDS-20350-FL	20	350	10	10	960
M24	R-STUDS-24300-FL	24	300	2	2	770
M30	R-STUDS-30380-FL	30	380	1	1	500

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R-STUDS Metric threaded rods (cont.)

Size	Rawlplug code	Anchor		Quantity [pcs]		
		Diameter [mm]	Length [mm]	Box	Outer	Pallet
R-STUDS Metric Threaded Rods - Steel Class 8.8 with Hexagonal Head						
M8	R-STUDS-08110-88	8	110	10	10	5040
M10	R-STUDS-10130-88	10	130	10	250	-
M12	R-STUDS-12160-88	12	160	10	120	-
M16	R-STUDS-16190-88	16	190	10	60	-
	R-STUDS-16220-88	16	220	10	10	1990
	R-STUDS-16300-88	16	300	2	-	-
	R-STUDS-16380-88	16	380	2	-	-
M20	R-STUDS-20260-88	20	260	5	40	-
M24	R-STUDS-24300-88	24	300	2	2	-
M30	R-STUDS-30380-88	30	380	2	2	-

For impact socket drives dedicated to threaded rods with hexagonal heads please refer to page

R-ITS Internally Threaded Sockets

Internally threaded socket for the attachment of suitable bolt or threaded rod

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

Base materials

Approved for use in:

- Non-cracked concrete C20/25-C50/60

Rawlplug code	Anchor [mm]		Quantity [pcs]		
	Diameter	Length	Box	Outer	Pallet
R-ITS-A4 Internally Threaded Sockets, stainless steel					
R-ITS-A4-06075	11	75	10	10	3780
R-ITS-A4-08075	12.5	75	10	10	7000
R-ITS-A4-08090	12.5	90	10	10	3780
R-ITS-A4-10075	16.5	75	10	10	3780
R-ITS-A4-10100	16.5	100	10	10	4200
R-ITS-A4-12100	18	100	6	6	2400
R-ITS-A4-16125	22	125	6	6	2400
R-ITS-Z Internally Threaded Sockets					
R-ITS-Z-06075	11	75	10	10	5600
R-ITS-Z-08075	12.5	75	10	10	5600
R-ITS-Z-08090	12.5	90	10	10	5600
R-ITS-Z-10075	16.5	75	10	10	5600
R-ITS-Z-10100	16.5	100	10	10	3360
R-ITS-Z-12100	18	100	6	6	2016
R-ITS-Z-16125	22	125	6	6	2016

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RAWLPLUG®

DEEP ANCHORAGE
Accessories

1 Cleaning brushes system
- Manual hand brushes and brushes automatically handled for deep cleaning
- Extensions for manual or automatic cleaning

details on page 26

2 Cleaning system
- Rigid extension tube or
- Extension hose with air adapter

details on page 28

3 Resin dosing system
- Mixers dedicated to every type of resin
- Extension nozzles for resin injection rigid extension tube and extension hose
- Piston Plug dosing plugs

details on page 30

DEEP ANCHORAGE
is used mainly when new reinforced concrete structures need to be connected to an existing structure, or when existing structures are reinforced or upgraded. Such situations may occur when connecting slabs and beams, reinforcing joints and walls, adding stairs, or building balconies and brackets.

Depending on the type of the existing structure and its reinforcement, we can distinguish between adhesive bonded rebars and lap splicing.

These applications require special accessories to dose the resin properly and ensure safe anchoring. Rawlplug provides you with full system ready to support you even in the most challenging circumstances on-site.

OUR SYSTEM,
designed with professionals in mind, includes the following elements:
1) accessories necessary for cleaning deep holes. There are 2 types of accessories included, depending on the cleaning method. Brushes dedicated for deep anchoring or extensions and hoses dedicated for cleaning with compressed air.
2) accessories needed for dosing the resin in deep holes. Dosing stage for deep anchoring - includes the use of extensions or hoses for deep resin dosing and piston plug.

SUPPORT FOR CONTRACTOR
in any application related to deep anchoring. System dedicated for cleaning and deep dosing of the resin - enables proper cleaning of deep holes and filling holes in accordance with the approval. When dosing the resin, the extension tube ensures homogeneity and proper mixing of the components and no bubbles.

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BRUSHES

CLEANING SYSTEM

1 Cleaning brush system.

- Manual hand brushes and brushes automatically handled for deep celaning
- Extensions for manual or automatic cleaning

FEATURES AND BENEFITS

- Possibility of cleaning holes from debris
- Can be operated automatically with an SDS PLUS machine or manually depending on the required cleaning procedure
- Allow the user to accurately select the right diameter ø:12-52
- Are made of stainless steel, which makes them rugged and suitable for long-term operation in tough conditions
- Ensuring proper resin adherence to the wall of the hole
- Enabling high load capacities in accordance with the approval
- Does not smooth the walls of the hole excessively and ensures adequate adhesion
- Are appropriate for cleaning holes drilled in concrete and masonry
- With Rawlplug extansions tube or hose form an approved cleaning system

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MANUAL CLEANING

R-BRUSH-EXT-LH

Extension with handle for manual cleaning, **length 36 cm**

R-BRUSH-EXT-LT

Extensions for manual cleaning, **length 36 cm**

R-BRUSH TC

Brushes ø: 12,14, 16, 18, 20, 22, 27, 32, 37, 42, 52, **length 20 cm**

L_{max} = 80 cm

AUTOMATIC CLEANING

R-BRUSH-EXT-H-SDS

Extension with handle for automatic cleaning, **length 42 cm**

R-BRUSH-EXT-H-TC

Extensions for automatic cleaning, **length 42 cm**

R-BRUSH TC

Brushes ø: 12,14, 16, 18, 20, 22, 27, 32, 37, 42, 52, **length 20 cm**

42 cm < L < 300 cm

INSTALLATION GUIDE

1. Drill teh hole to the required diameter and depth using a rotary hammer drilling machine.
2. Clean the hole with compressed air starting from the drill hole bottom, blow the hole at least twice by compressed air 6 atm
3. Clean the hole with manual brushes or automatically brushes - brush out the hole at least twice, for deep holes, use the extension,
4. Blow the hole at least twice by compressed air 6 atm
5. Dispense to waste until even colour is obtained (min. 10 cm).
6. Adjust (cut) the piston plug to the drilled diameter.
7. Plug the piston plug into the extension and enter to the bottom of hole.
8. Start injecting resin, piston plug will slide out of the hole (piston action) as the hole is filled to 70% of its depth.
9. Immediately insert the rebar, slowly and with slight twisting motion.
10. Leave the fixing undisturbed until the curing time elapses.

OFFER

Product Code	Drill diameter [mm]	Quantity [pcs]			Weight [kg]			Bar Code
		Box	Outer	Pallet	Box	Outer	Pallet	
Manual cleaning								
R-BRUSH-12-TC	12	1	1	-	0.05	0.05	-	5906675432656
R-BRUSH-14-TC	14	1	1	-	0.05	0.05	-	5906675432663
R-BRUSH-16-TC	16	1	1	-	0.06	0.06	-	5906675432670
R-BRUSH-18-TC	18	1	1	-	0.06	0.06	-	5906675432687
R-BRUSH-20-TC	20	1	1	-	0.07	0.07	-	5906675432694
R-BRUSH-22-TC	22	1	1	-	0.07	0.07	-	5906675432700
R-BRUSH-27-TC	27	1	1	-	0.10	0.10	-	5906675432717
R-BRUSH-32-TC	32	1	1	-	0.11	0.11	-	5906675432724
R-BRUSH-37-TC	37	1	1	-	0.13	0.13	-	5906675432731
R-BRUSH-42-TC	42	1	1	-	0.15	0.15	-	5906675432748
R-BRUSH-52-TC	52	1	1	-	0.15	0.15	-	5906675432755
R-BRUSH-EXT-LH	-	1	1	-	0.15	0.15	-	5906675432762
R-BRUSH-EXT-LT	-	1	1	-	0.15	0.15	-	5906675432779
Automatic cleaning								
R-BRUSH-EXT-H-TC	-	1	10	-	0.35	3.5	-	5906675436104
R-BRUSH-EXT-H-SDS	-	1	10	-	0.35	3.5	-	5906675436111

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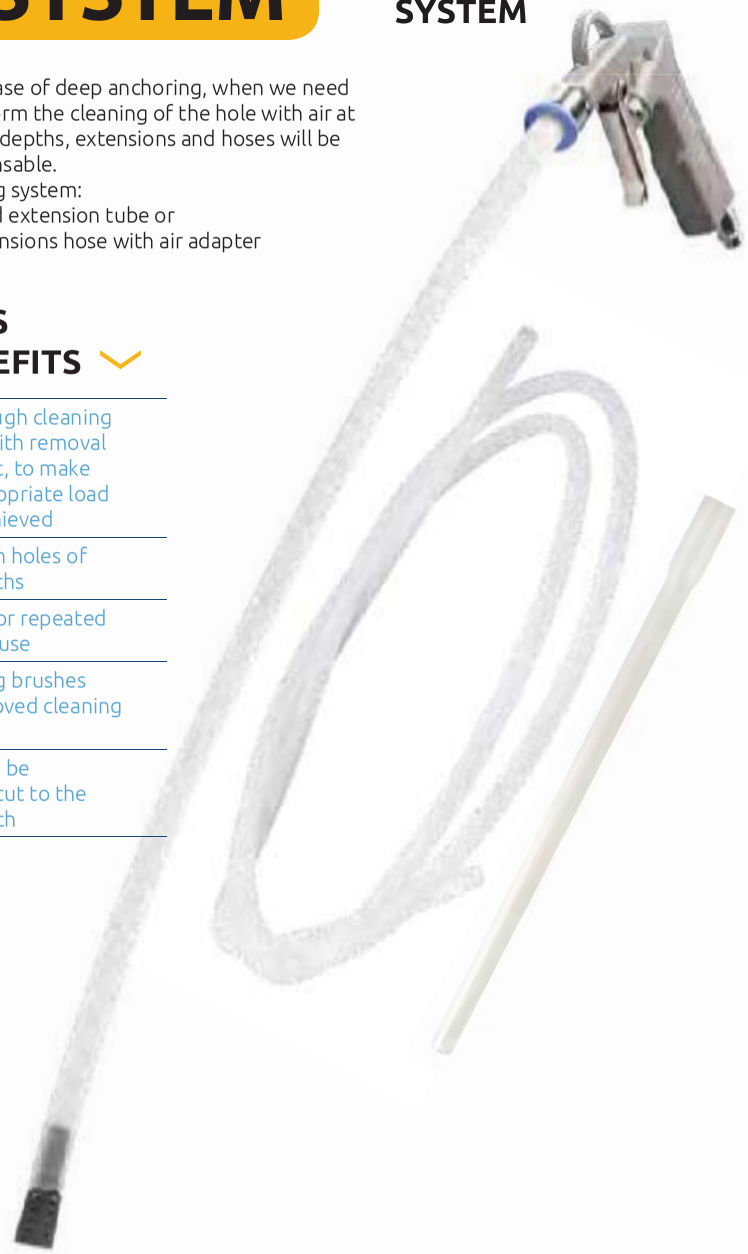
AIR SYSTEM

CLEANING SYSTEM



2 In the case of deep anchoring, when we need to perform the cleaning of the hole with air at greater depths, extensions and hoses will be indispensable.
Cleaning system:

- Rigid extension tube or
- Extansions hose with air adapter

FEATURES AND BENEFITS

- 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
- With Rawlplug brushes form an approved cleaning system
- The hoses can be conveniently cut to the required length

SYSTEM INCLUDES

SP-CE-DE-1M

Rigid extension pipe used for cleaning deep holes starting from the bottom of the hole

R-NOZ-EXT

An extension hose, making it possible to clean the hole evenly, with no dust. To achieve this, the hose is connected to the compresor. Rawlplug offers extensions making it possible to clean over a length of up to 3 metres. It is important that the hoses can be conveniently cut to the required length.

R-NOZ-ADAPTER

Air or compressor pumps with pressure together with air adapter to blow out dust from the hole.

INSTALLATION GUIDE

1. Drill teh hole to the required diameter and depth using a rotary hammer drilling machine.
2. Clean the hole with compressed air starting from the drill hole bottom, blow the hole at least twice by compressed air 6 atm
3. Clean the hole with manual brushes or automatically brushes - brush out the hole at least twice, for deep holes, use the extension,
4. Blow the hole at least twice by compressed air 6 atm
5. Dispense to waste until even colour is obtained (min. 10 cm).
6. Adjust (cut) the piston plug to the drilled diameter.
7. Plug the piston plug into the extension and enter to the bottom of hole.
8. Start injecting resin, piston plug will slide out of the hole (piston action) as the hole is filled to 70% of its depth.
9. Immediately insert the rebar, slowly and with slight twisting motion.
10. Leave the fixing undisturbed until the curing time elapses.

OFFER

Product Code	Suitable for	Length	Quantity [pcs]		Weight [kg]		Bar Code
		[mm]	Box	Outer	Box	Outer	
SP-CE-ED-1M	Extension for mixer nozzle	1000	10	10	0.02	0.02	5906675601120
R-NOZ-EXT-200	Extension for mixer nozzle	200	50	1000	0.20	4.0	5906675423357
R-NOZ-EXT-300	Extension for mixer nozzle	300	50	1000	0.30	6.0	5906675423517
R-NOZ-EXT-3000	Extension for mixer nozzle	3000	1	1	0.06	0.06	5906675430041
R-NOZ-ADAPTER-14	Air adapter	50	1	1	0.02	0.02	5906675447285
R-NOZ-ADAPTER-22	Air adapter	50	1	1	0.02	0.02	906675447292
R-NOZ-ADAPTER-28	Air adapter	50	1	1	0.02	0.02	5906675447308

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RESIN DOSING SYSTEM

3 Resin dosing system includes the following elements:
- Mixers dedicated to every type of resin
- Extension nozzles for resin injection rigid extension tube and extension hose
- Piston Plug, dosing plugs

FEATURES AND BENEFITS

- Make it possible to fill deep drilled holes with Rawlplug resin
- The hoses can be conveniently cut to the required length
- Enables proper filling of holes in accordance with the approval with no bubbles
- For filling deep holes with resin
- Possibility of filling holes in both solid and hollow substrate
- 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

RELATED PRODUCTS

SP-CE-DE-1M	R-NOZ-EXT	R-NOZ-P-16-26	R-NOZ-P-28-50
Extension for nozle	Extension pipe or hose	Piston plug ø 16 mm to 26 mm	Piston plug ø 28 mm to 50 mm

The **PISTON PLUG** is a dosing plug attached to the end of the extension hose. After inserting the hose into the hole, once the dosing plug touches the bottom of the hole, you can start dispensing the resin: the resin being injected will now be pushing the plug out of the hole (like a piston). This method guarantees:
- 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.

INSTALLATION GUIDE

1. Drill teh hole to the required diameter and depth using a rotary hammer drilling machine.
2. Clean the hole with compressed air starting from the drill hole bottom, blow the hole at least twice by compressed air 6 atm
3. Clean the hole with manual brushes or automatically brushes - brush out the hole at least twice, for deep holes, use the extension,
4. Blow the hole at least twice by compressed air 6 atm
5. Dispense to waste until even colour is obtained (min. 10 cm).
6. Adjust (cut) the piston plug to the drilled diameter.
7. Plug the piston plug into the extension and enter to the bottom of hole.
8. Start injecting resin, piston plug will slide out of the hole (piston action) as the hole is filled to 70% of its depth.
9. Immediately insert the rebar, slowly and with slight twisting motion.
10. Leave the fixing undisturbed until the curing time elapses.

OFFER

Product Code	Suitable for	Drill diameter	Length	Quantity [pcs]		Weight [kg]		Bar Code
		[mm]	[mm]	Box	Outer	Box	Outer	
SP-CE-ED-1M	Extension for mixer nozzle	-	1000	10	10	0.02	0.02	5906675601120
R-NOZ-EXT-200	Extension for mixer nozzle	-	200	50	1000	0.20	4.0	5906675423357
R-NOZ-EXT-300	Extension for mixer nozzle	-	300	50	1000	0.30	6.0	5906675423517
R-NOZ-EXT-3000	Extension for mixer nozzle	-	3000	1	1	0.06	0.06	5906675430041
R-NOZ-P-16-26	Piston Plug dosing	16-26	-	10	500			5906675433974
R-NOZ-P-28-50	Piston Plug dosing	28-50	-	10	500			5906675433981
R-NOZ-P-SET	Piston Plug dosing			10	500			5906675447841

SUBSTRATE MATERIAL

- Concrete
- Cracked concrete
- Reinforced concrete

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R-BRUSH Manual and automatic Wire Brushes

Brush accessory for cleaning out holes prior to anchor installation

R-BRUSH /M

NEW PRODUCTS

R-BRUSH TC

R-BRUSH-EXT-LH

R-BRUSH-EXT-LT

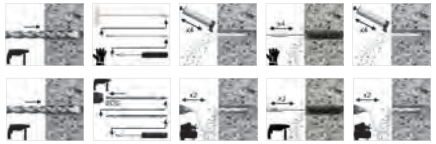
R-BRUSH TC

R-BRUSH-EXT-H-TC

R-BRUSH-EXT-H-SDS

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
- Suitable for repetitive and frequent use



Rawlplug code	Drill diameter [mm]	Lenght [mm]	Quantity [pcs]	
			Box	Outer
Wire brushes				
R-BRUSH-M08/M	10	140		10
R-BRUSH-M10/M	12	140	1	10
R-BRUSH-M12/M	14	240	1	10
R-BRUSH-M16/M	18	240	1	10
R-BRUSH-M20/M	24	240	1	10
R-BRUSH-M24/M	28	240	1	10
R-BRUSH-M30/M	35	280	1	10
Wire brush with threaded coupling				
R-BRUSH-12-TC	12	200	1	1
R-BRUSH-14-TC	14	200	1	1
R-BRUSH-16-TC	16	200	1	1
R-BRUSH-18-TC	18	200	1	1
R-BRUSH-20-TC	20	200	1	1
R-BRUSH-22-TC	22	200	1	1
R-BRUSH-27-TC	27	200	1	1
R-BRUSH-32-TC	32	200	1	1
R-BRUSH-37-TC	37	200	1	1
R-BRUSH-42-TC	42	200	1	1
R-BRUSH-52-TC	52	200	1	1
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	10
R-BRUSH-EXT-H-SDS		420	1	10

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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

Rawlplug code	Quantity [pcs]	
	Box	Outer
R-BLOWPUMP	12	12

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

- Plastic version cap in ensures the anchor rod is properly centred
- Reduces consumption of resin
- User-friendly installation in hollow substrates
- Wire mesh must be cut to suit required hole depth
- 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		Quantity [pcs]		
	Sleeve [mm]	Stud	Box	Outer	Pallet
R-PLS-12050-10	12x50	M8	10	480	8400
R-PLS-16085-10	16x85	M10-M12	10	6000	6000
R-PLS-16130-10	16x130	M10-M12	10	6000	4800
R-PLS-20085-10	20x85	M16	10	4800	4800
SP-CE-R08	10X1000	M8	10	10	5430
SP-CE-R10	12x1000	M10	10	10	1500
SP-CE-R12	16x1000	M12	10	10	1110
SP-CE-R16	22x1000	M16	10	10	384
SP-CE-R20	28x1000	M20	5	5	280

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R-NOZ Mixer Nozzles

Static mixer for bonded anchors in cartridges and CFS+ system

R-NOZ

R-NOZ-KER-II

R-NOZ-KEX-II

Features and benefits

- Covenient extrusion and mixing of resin and hardener
- Available with or without hanger
- Ideal for serial applications: rebar or anchoring
- R-NOZ fits R-KER, R-KEM-II oraz R-KF2
- Specially dedicated nozzles for epoxy resin R-KEX-II (R-NOZ-KEX-II), and for hybrid resin R-KER II (R-NOZ-KER-II)
- Possibility of extension- attach SP-CE-ED-1m extension nozzle and extansion hose R-NOZ-EXT.

Applications

- For use with R-STUDS threaded rods in hollow base materials

Rawlplug code	Suitable for	Length [mm]	Quantity	
			Box	Outer
			pcs	pcs
R-NOZ-10	R-KEM-II, R-KF2, R-KER	200	10	200
R-NOZ-100/100	R-KEM-II, R-KF2, R-KER	200	100	700
R-NOZ-KEX-II-10	R-KEX-II	250	10	100
R-NOZ-KEX-II-100	R-KEX-II	250	100	500
R-NOZ-KER-II-10	R-KER-II	215	10	200
R-NOZ-KER-II-100	R-KER-II	215	100	700

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Nozzle extension

Elastic extension pipe for bonded anchors in cartridges and CFS+ system

SP-CE-DE-1M

R-NOZ-EXT

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 lenght.

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 for mixer nozzle	1000	10	10
R-NOZ-EXT-200	Extension for mixer nozzle	200	50	1000
R-NOZ-EXT-300	Extension for mixer nozzle	300	50	1000
R-NOZ-EXT-3000	Extension for mixer nozzle	3000	1	1

Dosing piston plug R-NOZ-P

Dosing piston plug

NEW PRODUCT

Features and benefits

- Piston plug and flexible nozzle extension ensure correct, consistent injection of adhesive into the drilled hole free of air voids
- Allows anchoring in holes flooded with water and overhead applications
- Enables precise deep anchoring

Applications

- 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
R-NOZ-P-16-26	16-26 mm	10	500
R-NOZ-P-28-50	28-50 mm	10	500
R-NOZ-P-SET	16-50 mm	10	500

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AKUDOSE

Professional battery-powered guns

OPERATING COMFORT

As Rawlplug offers manual, electric and pneumatic dispensers, Customers can choose the gun to match their individual needs. The Rawlplug AKUDOSE battery dispenser is ideal for filling many drilled holes in series fixing. The dosing function activated by the button enables the use of different amounts of resin. The advantage of the product is the possibility of setting your own dosing dispense. AKUDOSE battery guns offer:

- the speed of application, ensured by electric dispensers
- the need to ensure repeatability of the dose
- the need to perform longer and repetitive work, for instance continuous work for 50 cartridges – ensured by electric dispensers
- easy and economical dosing that limits the operator's effort
- automatic stop and piston relaxation when the trigger is released
- easy dosing even at low temperatures

VERSATILITY AND INCOMPARABLE EXTRUSION FORCE

The battery AKUDOSE guns are available in two types dedicated for cartridges

- coaxial cartridges, and
- side-by-side cartridges,

AKUDOSE is a unique professional battery-powered dispenser, because it can be used with both for Epoxy and Hybrid resin. The particular advantage is the strength of the extrusion of the resin, which is two times stronger than the majority of pistols on the market.

ROBUST PERFORMANCE AND ACCURATE DOSAGE

You may already be aware that the most important feature of a quality dispenser is the material used to produce it, and consequently its durability, which ensures working stability, control over the resin, and long service life of the device. The guns chosen by Rawlplug's professionals are supposed to meet these quality requirements. Resin control is a particularly important and sought-after aspect, and this is why Rawlplug offers guns in the AKUDOSE range, which allow the user to set an individual resin dose.

RELIABILITY

and efficiency, especially for the most demanding rebar in concrete. Particularly suitable for deep anchoring works. Fast, easy mixing and dispensing for post-installed fastenings in hard-to-access positions or in cracked concrete, even at low temperatures.

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AKUDOSE

PROFESSIONAL BATTERY-POWERED GUNS

AKUDOSE battery dispenser ideal for filling many drilled holes in series fixing with memory button enables the use of repetitive amounts of resin.

FEATURES AND BENEFITS

- Dual Drive Rod design – ensures accurate proportions for two-component resin mixing
- Memory function – makes it possible to repetitively dispense the same amount of resin
- Battery operation – high capacity lithium-ion battery
- Robust design – the gun can work continuously with up to 50 consecutive cartridges without forced pauses.
- Compatibility with various cartridges and mixers
- Anti-drip function – automatic stop and piston relaxation when the trigger is released
- Easy dosing even at low temperatures
- The adjustment knob ensures precise and controlled dosing
- Easy and fast loading of cartridge packaging
- High capacity battery (up to 50 cartridge packs of 600 ml each)
- The automatic release of pressure prevents wasting resin

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Product card

Dose repeat function makes it possible to set a specific amount to be injected into the hole

DISPENSER INCLUDES

TOOLBOX

1 unit toolbox (3.7 kg), 550 x 445 x 245 mm

TWO BATTERY

Battery 18 V 2 Ah Li-Ion, 0.36 kg

CHARGER

240/120 V, 0.5 kg

RELATED PRODUCTS

R-GUN-380-AKUDOSE

R-KER-II
400ml

Hybrid resin and versatile application in cracked and non-cracked concrete with threaded rods with internally threaded sockets and rebar

R-KER
380ml, 400ml

High performance vinylester resin approved for use in cracked and non-cracked concrete

R-KEM-II
410 ml

Universal polyester (styrene free) resin - European Approval for 15 substrates

R-KF2
380ml, 400ml

Economical polyester resin for medium duty load applications

R-GUN-KEX600-AKUDOSE

R-KEX II
385ml, 600ml

Premium pure epoxy resin approved for use in cracked and non-cracked concrete

OFFER

Product Code	Suitable for	Description	Quantity [pcs]		Weight [kg]		Bar Code
			Box	Outer	Box	Outer	
R-GUN-380-AKUDOSE	for 380-410ml (10:1 ratio) coaxial cartridges.	Battery squeezer for bonded anchors 380-410ml with adjustable dose	1	1	5.2	5.2	5906675322018
R-GUN-KEX600-AKUDOSE	for R-KEX II 385ml, R-KEX II 600 ml side by side cartridges.	Battery squeezer for bonded anchors 385-600ml with adjustable dose	1	1	8.2	8.2	5906675433080

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RAWLPLUG®

MULTIGUN

Truly one of a kind

UNIQUE and UNIQUE

The MULTIGUN is a unique resin dispenser, because it is compatible with all our cartridges. It seems to be popular with both our existing and potential customers.

The MULTIGUN replaces 3 other dispensers, which makes it a more cost-effective solution for the Customer. On top of that, the MULTIGUN works with all kinds of cartridges and all volumes, which is indicated in the enclosed instructions on the preparation for work with the gun.

RAWLPLUG MULTIGUN works with three types of cartridges:
- side-by-side cartridges,
- coaxial cartridges, and
- cartridges with foil loads

UNIVERSAL DISPENSER

For the following cartridges:
- 175 ml (e.g. R-KEM-II-175)
- 300ml (e. g. R-KEM-II-300),
- 380-410ml (e. g. R-KER-II-400),
- 385,600ml (e. g. R-KEX-II, R-KEX-600)

One gun that you can use for many types of cartridges and package capacities.
For all types of resins:
- polyester,
- vinylester,
- hybrid and even epoxy,
- for difrent products: acrylic, sealants, adhesives.

EFFECTIVE and ECONOMICAL

Replaces three other dispensers which makes the RAWLPLUG MULTIGUN offer the most economical solution available for resin dosing. Plus, the gun settings system is quick and easy.

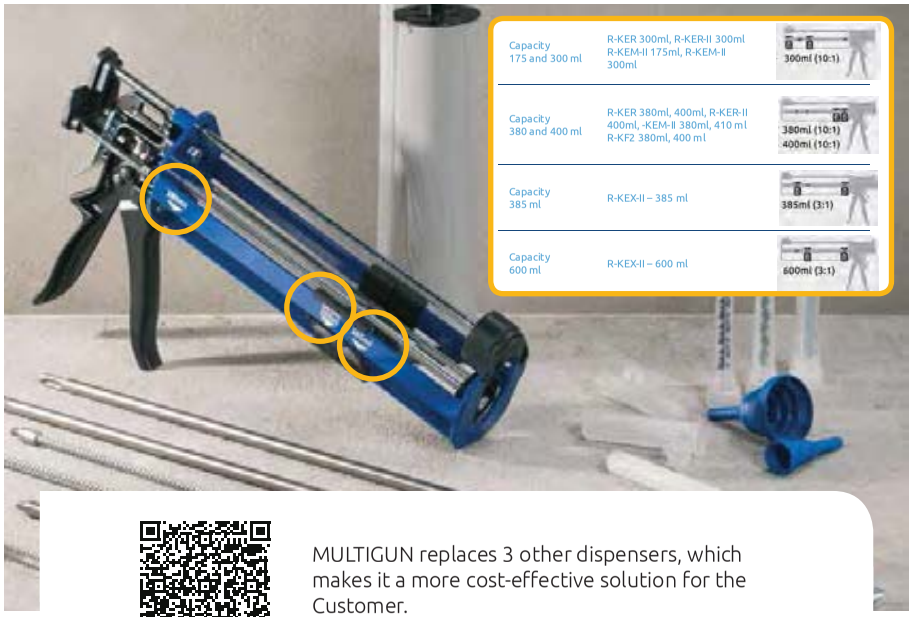
MultiGUN

PROFESSIONAL GUNS

Perfect for professional applications. MULTIGUN works with almost all kinds of cartridges and all volumes. You can find all the details in the instruction manual provided.

FEATURES AND BENEFITS

- Perfect for professional applications
- Robust and durable design for all kinds of working conditions
- Quick and easy resin dispensing
- One extruder for almost all kinds of cartridges
- Convenient to use
- Good leverage allows quick and easy resin dispensing
- Reliable metal frame structure
- Blue-coloured.
- Durable design meets the high requirements for the construction site and thus offers a long service life.
- Highly resistant to tough jobsite conditions
- Well balanced for better handling



Product card

MULTIGUN replaces 3 other dispensers, which makes it a more cost-effective solution for the Customer.

RELATED PRODUCTS

R-KEX II
385ml, 600ml

Premium pure epoxy resin approved for use in cracked and non-cracked concrete

R-KER-II
300 ml, 400 ml

Hybride resin and versatile application in cracked and non-cracked concrete with threaded rods with internally threaded sockets and rebar

R-KER
380ml, 400ml

High performance vinylester resin approved for use in cracked and non-cracked concrete

R-KEM-II
175 ml, 300 ml, 410 ml

Universal polyester (styrene free) resin - European Approval for 15 substrates

R-KF2
380ml, 400ml

Economical polyester resin for medium duty load applications

OFFER

Product Code	Description	Quantity [pcs]		Weight [kg]		Bar Code
		Box	Outer	Box	Outer	
R-GUN-MULTI	R-KEX-II-600, R-KEX-II-385, R-KER-II-400, R-KER-II-300, R-KER-380, R-KER-300, R-KEM-II-410, R-KEM-II-300, R-KEM-II-175, R-KF2-400, R-KF2 380	1	10	1.320	14	5906675418131

R-GUN Dispenser Guns

Professional manual dispensing system for resin anchors in cartridges

R-GUN 385 ml

R-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

- Dispenser guns suitable for 385ml, 600ml cartridges

Rawlplug code	Products	Description	Quantity [pcs]	
			Box	Outer
R-GUN-385-P	R-KEX-II-385	Dispenser gun suitable for: 385 ml for R-KEX II	1	150
R-GUN-600-P	R-KEX-II-600, R-KEX-II-385	Dispenser gun suitable for: 600 ml for R-KEX II	1	150

R-GUN MULTI

NEW PRODUCT

Features and benefits

- Perfect for professionals 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

- Dispenser guns suitable for 175, 280, 300, 310, 380, 385, 400, 410, 600 ml cartridges

Product commercial data

Rawlplug code	Description	Quantity [pcs]	
		Box	Outer
R-GUN-MULTI	Manual dispensing system for cartridges: R-KEX-II-600, R-KEX-II-385 R-KER-II-400, R-KER-II-300, R-KER-380, R-KER-300, R-KEM-II-410, R-KEM-II-380, R-KEM-II-300, R-KEM-II-175	1	10

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R-GUN Dispenser Guns

Professional manual dispensing system for bounded resin anchors in cartridges

R-GUN 300 N

R-GUN 345 N

R-GUN 380 P

Features and benefits

- 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

- Dispenser guns suitable for 175, 280, 300, 310, 345, 380-410ml cartridges

Rawlplug code	Products	Description	Quantity [pcs]	
			Box	Outer
R-GUN-300-N	R-KEM-II-300, R-KER-300, R-KER-II-300	Cartridge Gun 280, 300, 310 ml	12	12
R-GUN-345-N	R-KER-345, R-KER-II-345, R-KF2-345	Cartridge Gun 345 ml	12	12
R-GUN-380-P	R-KEM-II-380,410, R-KF2-380,400, R-KER-II-400, R-KER-380, R-KER-400	Cartridge Gun 380, 400, 410 ml	1	10

R-GUN Pneumatic Dispenser Guns

Professional pneumatic dispensing system for resin anchors in cartridges

NEW PRODUCT

R-GUN-PNEU 380 ml

R-GUN-PNEU 600 ml

Features and benefits

- Fast and effortless resin injection
- Convenient dispensing tool for a range of situations
- Robust design for all jobsite conditions
- Dispenser gun for professional use
- Professional dispensing system for resin anchors in cartridges
- Type of gun used for anchoring strictly depends on the type of cartridge

Applications

- Pneumatic dispenser gun suitable for: 380 ml and 600 ml cartridges

Rawlplug code	Description	Quantity [pcs]	
		Box	Outer
R-GUN-380-PNEU	Cartridge Pneumatic Gun suitable for R-KF2, R-KER	1	1
R-GUN-KEX-600-PNEU	Cartridge Pneumatic Gun suitable for R-KEX-II 385ml, 600ml	1	1

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R-GUN Electric Dispenser Gun for cartridges

Professional battery-powered cartridge bonded anchors dispenser gun

R-GUN 380 ml

Applications

- Battery-powered dispenser suitable for 380ml cartridges

Rawlplug code	Description	Quantity [pcs]	
		Box	Outer
R-GUN-380-AKU	380ml Cartridges Electric Dispenser	1	50

R-GUN Battery Extrusion Gun with Dosing

Professional dispensing system for resin anchors in cartridges

NEW PRODUCT

R-GUN-380 ml-AKUDOSE

R-GUN-600 ml-AKUDOSE

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
- Option of memorizing the dose
- Regulation of the dosing speed
- Battery powered - high performance lithium-ion battery
- Memory function - enables precise dispensing of a repetitive amount of resin

Applications

- Battery dispenser suitable for cartridges: 380ml, 385 ml, 400ml, 410ml, 600 ml
- Professional battery-powered guns, types:

R-GUN-380-AKUDOSE intended for:
R-KEM-II 410ml,
R-KER 380ml, 400ml, R-KER-II 400ml,
R-KF2 380ml, 400ml

R-GUN-KEX600-AKUDOSE intended for:
R-KEX 385ml, R-KEX 600ml

Rawlplug code	Suitable for	Description	Quantity [pcs]	
			Box	Outer
R-GUN-380-AKUDOSE	for 380-410ml (10:1 ratio) coaxial cartridges.	Battery squeezer for bonded anchors 380-410ml with adjustable dose	1	1
R-GUN-KEX600-AKUDOSE	for R-KEX II 385ml, R-KEX II 600 ml cartridges.	Battery squeezer for bonded anchors 385-600ml with adjustable dose	1	1

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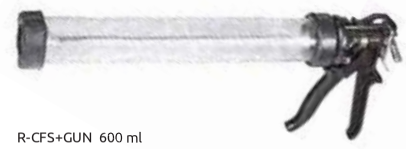
R-GUN Dispenser Gun CFS+

Professional dispensing system for resin anchors in CFS+ foils

R-CFS+-GUN 300 ml

Applications

- Dispenser gun suitable for: 300 ml CFS+ system



R-CFS+GUN 600 ml

Applications

- Dispenser gun suitable for: 600 ml CFS+ system

Features and benefits

- Fast and effortless resin injection
- Convenient dispensing tool for a range of situations
- Robust design for all jobsite conditions
- Dispenser gun for professional use
- Professional dispensing system for resin anchors in cartridges

Rawlplug code	Description	Quantity [pcs]	
		Box	Outer
R-CFS+-GUN	300 ml foil packaging Gun for RV200, RM50 & RP30	1	12
R-CFS+GUN-600	600 ml foil packaging Gun	1	

R-GUN Electric Dispenser Gun CFS+

Professional electric dispensing gun for resin anchors in CFS+ foils

R-CFS+GUN-600-AKU

Applications

- Pneumatic dispenser gun suitable for: 380 ml and 600 ml cartridges

Rawlplug code	Description	Quantity [pcs]	
		Box	Outer
R-CFS+GUN-600-AKU	Electric Dispenser for 600ml cfs+ foils	1	12

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R-GUN-MULTI

Suitable for:

R-KEM-II 175ml, 300ml, 380ml, 410ml
R-KER 300ml, 380ml, 400ml
R-KER-II 300ml, 400ml
R-KEX-II 385ml, 600ml

R-GUN-300-N

Suitable for:

R-KEM-II 175ml
R-KEM-II 300ml
R-KER 300ml
R-KER-II 300ml

R-GUN-345-N

Suitable for:

R-KER 345ml
R-KER-II 345ml
R-KF2 345ml

R-GUN-380-P

Suitable for:

R-KEM-II 380ml, 410 ml
R-KER 380ml, 400ml
R-KER-II 400ml
R-KF2 380ml, 400 ml

R-GUN-385-P

Suitable for:

R-KEX-II 385ml

R-GUN-600-P

Suitable for:

R-KEX-II 385ml, 600ml

R-CFS+GUN-600
R-GUN-CFS+300-P

Suitable for:

R-CFS+ RV200 300ml, 600ml
R-CFS+ RV200W 600ml
R-CFS+ RM50 300ml, 600ml
R-CFS+ RP30 300ml, 600ml

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R-GUN-380-AKU

Suitable for:

R-KEM-II 410ml
R-KF2 380ml, 400ml

R-GUN-380-AKUDOSE

Suitable for:

R-KEM-II 410ml
R-KER 380ml, 400ml
R-KER-II 400ml
R-KF2 380ml, 400ml

R-GUN-KEX600AKUDOSE

Suitable for:

R-KEX II 385ml, 600ml

R-GUN-380-PNEU

Suitable for:

R-KEX II 385ml, 600ml

R-GUN-380-PNEU

Suitable for:

R-KER 380ml, 400ml
R-KF2 380ml, 400ml

R-CFS+GUN-600-AKU

Suitable for:

R-CFS+RV200 600ml, 300ml
R-CFS+RM50 600ml, 300ml
R-CFS+RP30 600ml, 300ml

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RAWLPLUG®

100 YEARS OF EXPERTISE
IN FIXINGS, FASTENERS AND TOOLS

Mechanical Anchors

Overview of our range - Mechanical anchor selector

	MECHANICAL ANCHORS:	R-HPTIIA4	R-HPTIIZF	R-XPTIIA4	R-XPT-HD	R-XPT
ANCHOR MATERIAL	ZINC PLATED STEEL	-	-	-	-	☑
	ZINC FLAKED STEEL	-	☑	-	-	-
	HOT DIP GALVANIZED STEEL	-	-	-	☑	-
	STAINLESS STEEL	☑	-	☑	-	-
SUBSTRATES	CONCRETE	☑	☑	☑	☑	☑
	CRACKED CONCRETE	☑	☑	-	-	-
	REINFORCED CONCRETE	☑	☑	☑	☑	☑
	STONE	☑	☑	☑	☑	☑
	HOLLOW CORE SLAB	-	-	-	-	-
	SOLID BRICK	-	-	-	-	-
	SANDLIME SOLID BRICK	-	-	-	-	-
	HOLLOW BRICK	-	-	-	-	-
	SANDLIME HOLLOW BRICK	-	-	-	-	-
	LIGHTWEIGHT CONCRETE BLOCKS	-	-	-	-	-
	AERATED CONCRETE	-	-	-	-	-
APPROVALS	CE	☑ ETA Option 1	☑ ETA Option 1	☑ ETA Option 7	-	☑ ETA Option 7
		☑	☑	-	-	
		☑ C1	☑ C1, C2	-	-	-
		-	-	☑ for M6, M20, M24	☑	☑ for M6 i M24

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	M8	M8	M8	M8	M8	M8	M6	M6	M6	M6
10										
15							M24			
20									M24	
25	M16				M16					
30			M20					M24		
35		M16				M16				
40										
45										
50										M24
60				M20						
70										
80										
90										
100										

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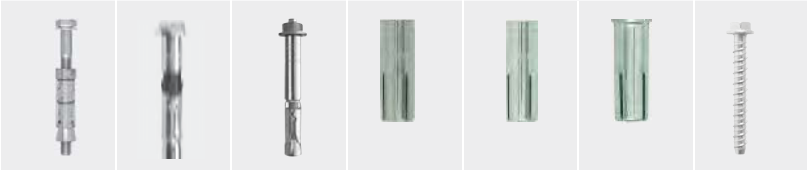
Overview of our range - Mechanical anchor selector



MECHANICAL ANCHORS:	RAWLBOLT	SAFETY PLUS II	SAFETY PLUS	R-DCA-A4	R-DCA	R-DCL	R-LX
ZINC PLATED STEEL	☑	☑	☑	-	☑	☑	☑
ZINC FLAKED STEEL	-	-	-	-	-	-	☑
HOT DIP GALVANIZED STEEL	-	-	-	-	-	-	-
STAINLESS STEEL	-	-	-	☑	-	-	-
CONCRETE	☑	☑	☑	☑	☑	☑	☑
CRACKED CONCRETE	☑	☑	-	☑	☑	☑	☑
REINFORCED CONCRETE	☑	☑	☑	☑	☑	☑	☑
STONE	☑	☑	☑	☑	☑	☑	☑
HOLLOW CORE SLAB	☑	-	-	-	-	☑	☑
SOLID BRICK	☑	-	-	-	-	-	-
SANDLIME SOLID BRICK	-	-	-	-	-	-	-
HOLLOW BRICK	-	-	-	-	-	-	-
SANDLIME HOLLOW BRICK	☑	-	-	-	-	-	-
LIGHTWEIGHT CONCRETE BLOCKS	☑	-	-	-	-	-	-
AERATED CONCRETE	-	-	-	-	-	-	-
CE	☑ ETA Option 1	☑ ETA Option 1	☑ ETA Option 7	☑ ETA Multi-point non-structural fixings	☑ ETA Multi-point non-structural fixings	☑ ETA Multi-point non-structural fixings	☑ ETA Option 1 ETA Multi-point non-structural fixings
	☑	☑	-	☑	☑	☑	☑
	-	☑ C1, C2	-	-	-	-	☑ C1, C2
	☑ Masonry	-	-	☑	☑	-	-

N_{Rd}	V_{Rd}	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	M8	M8	M8	M8	M8	M6-M20	M6-M20	M6	M6	M6	M6	5	5
								M20	M20	M20	M20		
				M20									
M20													
		M16			M20							14	
	M24												14
			M16										

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R-LX

Self-tapping concrete screw

STRENGTH OF A SINGLE SCREW

The ring-like structure and the special high-low type thread is a perfect combination of features that enables the thread to bite into the material and develop a reliable and lasting joint. The functioning of our concrete screws is not based on the expansion principle, but they undercut the substrate in order to be able to transfer increased loads. There is more to that, since the design of the screws enables them to efficiently and evenly distribute the forces affecting them over the entire thread. In practice, this means that force distribution in the substrate is analogical to that of elements embedded in concrete. And the effect? Rawlplug's R-LX anchors attain the highest available load capacity compared to other anchors in the class. **STRONG CONNECTION.**

CORROSION PROBLEM – SOLVED

Our solution is so powerful owing to the innovative forging and heat treatment process. Not only does it ensure high steel class in the final product, it also enables multiple use in installation. The process has allowed us to eliminate the risk of what is referred to as hydrogen embrittlement which haunts contractors when they decide to use products made of high hardness carbon steel. Moreover, the R-LX screws have been designed in two variants, and come with high-quality zinc electroplated finish or zinc-flake finish of even higher corrosion resistance. The anticorrosive characteristics of the brand's products have been confirmed in a salt spray chamber test with the result being 1,500 hours! It has been proved that the R-LX screws are suitable for certain applications in environments as corrosive as class C4. **100% CERTAINTY OF CORROSION PROTECTION.**

ASTONISHING INSTALLATION SIMPLICITY

Just drill a hole to a diameter slightly smaller than the screw itself by following the clear drill size guidelines provided in the screw product code. A hole thus prepared ensures appropriate screw guiding while its main thread will create precise undercutting of the substrate material as you screw it in. And since this is a one-piece fixing solution, you don't need to use any washers or nuts. Additionally, the screws require no special tools for installation, and even more importantly – they can be completely removed when needed without making any damage. **IT'S SIMPLE.**

EVERY CONTRACTOR'S NEEDS SATISFIED

There is another reason why this product is truly worth your while. The R-LX line is very extensive, encompassing even highly specific requirements and satisfying the needs of professionals from all construction segments. Rawlplug's screws come with as many as 6 different head variations: hexagonal version with integrated washer, countersunk version for flush installation, internally threaded socket version, threaded rod version, cylinder head version and hexagonal version without integrated washer for temporary fixing. Additionally, each variant covers a diameter from 5 to 14 mm and lengths of up to 200 mm. **AS YOU NEED IT.**

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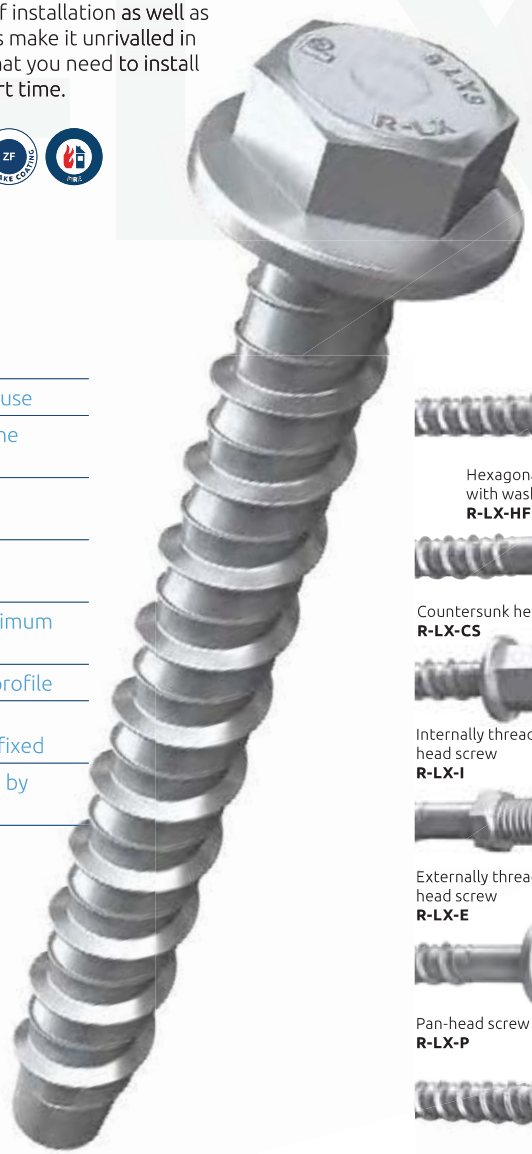
R-LX SELF-TAPPING CONCRETE SCREW

The R-LX is an innovative mechanical anchor. The impressive speed and simplicity of installation as well as small edge distance requirements make it unrivalled in many applications. It is exactly what you need to install a large number of fixings in a short time.

ETA-17/0783 ETA-17/0806

FEATURES AND BENEFITS

- Removal and multi-functional use
- Main thread's distinctive outline to maximize the undercut
- Design facilitating transfer of tightening torque to thread
- Perfect tip profile making application easy
- Triple thread that ensures optimum load capacity
- Unique and patented thread profile
- 6 screw head variants for easy adaptation to the piece to be fixed
- The product is fully supported by EasyFix design software



Hexagonal head screw with washer
R-LX-HF

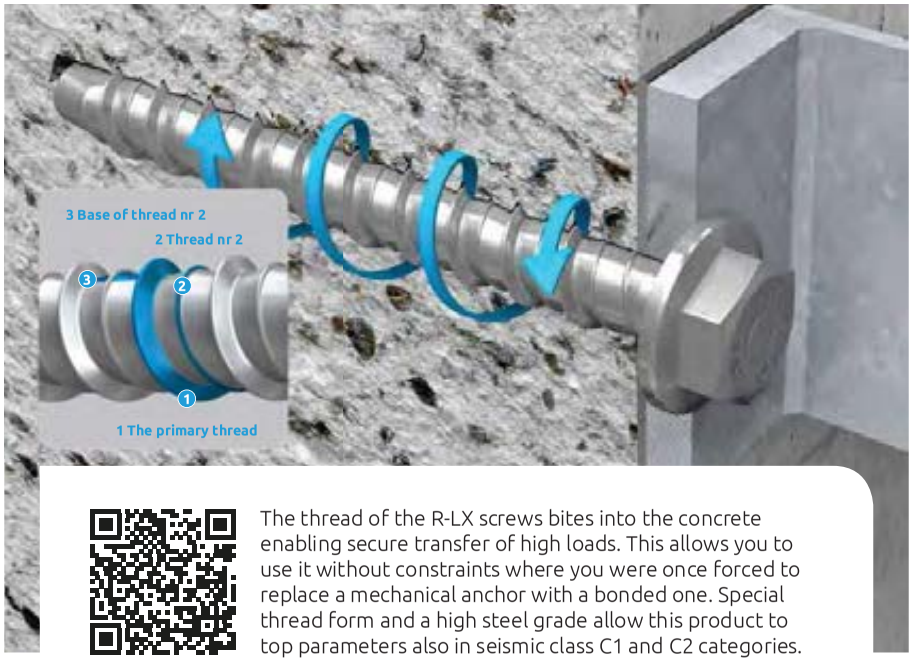
Countersunk head screw
R-LX-CS

Internally threaded head screw
R-LX-I

Externally threaded head screw
R-LX-E

Pan-head screw
R-LX-P

Hexagonal head screw for temporary installation
R-LX-H
(not included in the approval)



Animation

The thread of the R-LX screws bites into the concrete enabling secure transfer of high loads. This allows you to use it without constraints where you were once forced to replace a mechanical anchor with a bonded one. Special thread form and a high steel grade allow this product to top parameters also in seismic class C1 and C2 categories.

APPLICATIONS

- Temporary installation
- Scaffolding
- Formwork support systems
- Balustrading and handrails
- Gates and fences
- Partitions and supports
- Structural elements
- Safeguards

Product card

SUBSTRATE MATERIAL

- Cracked concrete
- Non-cracked concrete
- Reinforced concrete
- Hollow-core Slabs

R-LX Concrete Screw Anchor

Self-tapping concrete screwbolt

Approvals and Reports

- ETA-17/0783
- ETA-17/0806

Installation guide movie

Features and benefits

- Time-efficient installation through streamlined procedure - simply drill and drive
- Completely removable
- Special zinc flake corrosion-resistant coating
- Unique design with patented threadform ensures high performance for relatively small hole diameter and low torque level during installation
- Non-expansion functioning ensures low risk of damage to base material and makes R-LX ideal for installation near edges and adjacent anchors
- Performance data at two embedment depths (reduced embedment to avoid contact with reinforcement)
- Seismic category C1, C2

Applications

- Through-fixing
- Temporary anchorages
- Formwork supports
- Balustrading & handrails
- Fencing & gates
- Racking systems
- Public seating
- Scaffolding

Base materials

Approved for use in:

- Cracked concrete C20/25-C50/60
- Non-cracked concrete C20/25-C50/60
- Hollow core slabs (only R-LX-06)
- Unreinforced concrete
- Reinforced concrete

Also suitable for use in:

- Natural stone (after site testing)

R-LX-HF

R-LX-CS

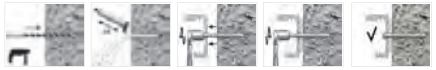
R-LX-I

R-LX-E
*Make to order

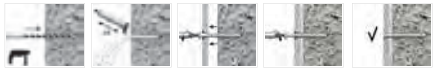
R-LX-P

R-LX-H
*no ETA - for temporary use

Installation guide R-LX-HF



Installation guide R-LX-CS



Installation guide R-LX-I

Installation guide R-LX-E

Installation guide R-LX-P

Installation guide R-LX-H

Size	Product Code		Drill	Anchor		Fixture			Quantity [pcs]	
				Diameter	Length	Max. thickness		Hole diameter	Box	Pallet
				d [mm]	L [mm]	$t_{fix,1}$ [mm]	$t_{fix,2}$ [mm]	d_f [mm]		
R-LX-HF Hex with Flange										
Ø6,3	R-LX-05X050-HF-ZF	R-LX-05X050-HF-ZP	5.0	6.3	50	-	7	7	100	41600
	R-LX-05X075-HF-ZF	R-LX-05X075-HF-ZP	5.0	6.3	75	-	32	7	100	41600
Ø7,5	-	R-LX-06X035-HF-ZP	6.0	7.5	35	1	-	9	100	41600
	-	R-LX-06X040-HF-ZP	6.0	7.5	40	1	-	9	100	41600
	R-LX-06X050-HF-ZF	R-LX-06X050-HF-ZP	6.0	7.5	50	7	-	9	100	41600
	R-LX-06X075-HF-ZF	R-LX-06X075-HF-ZP	6.0	7.5	75	32	20	9	100	41600
	R-LX-06X100-HF-ZF	R-LX-06X100-HF-ZP	6.0	7.5	100	57	45	9	100	25600

R-LX Concrete screwbolt (cont.)

Size	Product Code		Drill	Anchor		Fixture			Quantity [pcs]	
				Diameter	Length	Max. thickness		Hole diameter	Box	Pallet
				d [mm]	L [mm]	$t_{fix,1}$ [mm]	$t_{fix,2}$ [mm]	d_f [mm]		
Ø7,5	R-LX-06X130-HF-ZF	R-LX-06X130-HF-ZP	6.0	7.5	130	87	75	9	100	25600
	R-LX-06X150-HF-ZF	R-LX-06X150-HF-ZP	6.0	7.5	150	107	95	9	100	25600
Ø10	R-LX-08X060-HF-ZF	R-LX-08X060-HF-ZP	8.0	10	60	10	-	12	100	25600
	R-LX-08X075-HF-ZF	R-LX-08X075-HF-ZP	8.0	10	75	25	5	12	100	25600
	R-LX-08X090-HF-ZF	R-LX-08X090-HF-ZP	8.0	10	90	40	20	12	100	19200
	R-LX-08X100-HF-ZF	R-LX-08X100-HF-ZP	8.0	10	100	50	30	12	100	19200
	R-LX-08X130-HF-ZF	R-LX-08X130-HF-ZP	8.0	10	130	80	60	12	50	12800
	R-LX-08X150-HF-ZF	R-LX-08X150-HF-ZP	8.0	10	150	100	80	12	50	12800
Ø12,5	R-LX-10X065-HF-ZF	R-LX-10X065-HF-ZP	10.0	12.5	65	10	-	14	50	15600
	R-LX-10X075-HF-ZF	R-LX-10X075-HF-ZP	10.0	12.5	75	20	-	14	50	12800
	R-LX-10X085-HF-ZF	R-LX-10X085-HF-ZP	10.0	12.5	85	30	-	14	50	12800
	R-LX-10X100-HF-ZF	R-LX-10X100-HF-ZP	10.0	12.5	100	45	15	14	50	12800
	R-LX-10X120-HF-ZF	R-LX-10X120-HF-ZP	10.0	12.5	120	65	35	14	25	6400
	R-LX-10X140-HF-ZF	R-LX-10X140-HF-ZP	10.0	12.5	140	85	55	14	25	7800
Ø14	R-LX-12X075-HF-ZF*	R-LX-12X075-HF-ZP*	12.0	14.9	75	10	-	16	50	9600
	R-LX-12X100-HF-ZF*	R-LX-12X100-HF-ZP*	12.0	14.9	100	35	-	16	50	6400
	R-LX-12X130-HF-ZF*	R-LX-12X130-HF-ZP*	12.0	14.9	130	65	30	16	50	6400
	R-LX-12X150-HF-ZF*	R-LX-12X150-HF-ZP*	12.0	14.9	150	85	50	16	50	6400
Ø17	R-LX-14X080-HF-ZF	R-LX-14X080-HF-ZP	14.0	17	80	5	-	18	20	5120
	R-LX-14X105-HF-ZF	R-LX-14X105-HF-ZP	14.0	17	105	30	-	18	20	5120
	R-LX-14X115-HF-ZF	R-LX-14X115-HF-ZP	14.0	17	115	40	-	18	20	5120
	R-LX-14X135-HF-ZF	R-LX-14X135-HF-ZP	14.0	17	135	60	15	18	20	5120
R-LX-CS Countersunk head										
Ø6,3	R-LX-05X050-CS-ZF	R-LX-05X050-CS-ZP	5.0	6.3	100	-	7	7	100	41600
	R-LX-05X075-CS-ZF	R-LX-05X075-CS-ZP	5.0	6.3	100	-	32	7	100	41600
Ø7,5	R-LX-06X050-CS-ZF	R-LX-06X050-CS-ZP	6.0	7.5	50	7	-	9	100	41600
	R-LX-06X075-CS-ZF	R-LX-06X075-CS-ZP	6.0	7.5	75	32	20	9	100	41600
	R-LX-06X100-CS-ZF	R-LX-06X100-CS-ZP	6.0	7.5	100	57	45	9	100	25600
	R-LX-06X130-CS-ZF	R-LX-06X130-CS-ZP	6.0	7.5	130	87	75	9	100	25600
	R-LX-06X150-CS-ZF	R-LX-06X150-CS-ZP	6.0	7.5	150	107	95	9	100	25600
Ø10	R-LX-08X060-CS-ZF	R-LX-08X060-CS-ZP	8.0	10	60	10	-	12	100	25600
	R-LX-08X075-CS-ZF	R-LX-08X075-CS-ZP	8.0	10	75	25	5	12	100	25600
	R-LX-08X090-CS-ZF	R-LX-08X090-CS-ZP	8.0	10	90	40	20	12	100	19200
	R-LX-08X100-CS-ZF	R-LX-08X100-CS-ZP	8.0	10	100	50	30	12	100	19200
	R-LX-08X130-CS-ZF	R-LX-08X130-CS-ZP	8.0	10	130	80	60	12	50	12800
	R-LX-08X150-CS-ZF	R-LX-08X150-CS-ZP	8.0	10	150	100	80	12	50	12800
Ø12.5	R-LX-10X065-CS-ZF	R-LX-10X065-CS-ZP	10.0	12.5	65	10	-	14	50	15600
	R-LX-10X075-CS-ZF	R-LX-10X075-CS-ZP	10.0	12.5	75	20	-	14	50	12800
	R-LX-10X085-CS-ZF	R-LX-10X085-CS-ZP	10.0	12.5	85	30	-	14	50	12800
	R-LX-10X100-CS-ZF	R-LX-10X100-CS-ZP	10.0	12.5	100	45	15	14	50	12800
	R-LX-10X120-CS-ZF	R-LX-10X120-CS-ZP	10.0	12.5	120	65	35	14	25	6400
	R-LX-10X140-CS-ZF	R-LX-10X140-CS-ZP	10.0	12.5	140	85	55	14	25	7800
	R-LX-10X160-CS-ZF	R-LX-10X160-CS-ZP	10.0	12.5	160	105	75	14	20	6240
R-LX-P Pan-head										
Ø7.5	R-LX-06X040-P-ZP		6.0	7.5	40	1	-	9	100	41600
R-LX-I Internally threaded head										
Ø7.5	R-LX-06X035-I06-ZP		6.0	7.5	35	-	-	-	100	41600
	R-LX-06X035-I08-ZP		6.0	7.5	35	-	-	-	100	41600
	R-LX-06X035-I10-ZP		6.0	7.5	35	-	-	-	100	41600
	R-LX-06X055-I08-ZP		6.0	7.5	55	-	-	-	100	31200
	R-LX-06X055-I10-ZP		6.0	7.5	55	-	-	-	100	31200
R-LX-H Hexagonal head										
Ø10	R-LX-08X060-H-ZF*	R-LX-08X060-H-ZP*	8.0	10	60	10	-	12	100	25600
	R-LX-08X075-H-ZF*	R-LX-08X075-H-ZP*	8.0	10	75	25	5	12	100	25600
	R-LX-08X090-H-ZF*	R-LX-08X090-H-ZP*	8.0	10	90	40	20	12	100	19200
	R-LX-08X100-H-ZF*	R-LX-08X100-H-ZP*	8.0	10	100	50	30	12	100	19200
	R-LX-08X130-H-ZF*	R-LX-08X130-H-ZP*	8.0	10	130	80	60	12	50	12800
	R-LX-08X150-H-ZF*	R-LX-08X150-H-ZP*	8.0	10	150	100	80	12	50	12800
Ø12,5	R-LX-10X065-H-ZF*	R-LX-10X065-H-ZP*	10.0	12,5	65	10	-	14	50	15600
	R-LX-10X075-H-ZF*	R-LX-10X075-H-ZP*	10.0	12,5	75	20	-	14	50	12800
	R-LX-10X085-H-ZF*	R-LX-10X085-H-ZP*	10.0	12,5	85	30	-	14	50	12800
	R-LX-10X100-H-ZF*	R-LX-10X100-H-ZP*	10.0	12,5	100	45	15	14	50	12800
	R-LX-10X120-H-ZF*	R-LX-10X120-H-ZP*	10.0	12,5	120	65	35	14	25	6400
	R-LX-10X140-H-ZF*	R-LX-10X140-H-ZP*	10.0	12,5	140	85	55	14	25	7800
Ø17	R-LX-14X105-H-ZF*	R-LX-14X105-H-ZP*	14.0	17,0	105	30	-	18	20	5120
	R-LX-14X135-H-ZF*	R-LX-14X135-H-ZP*	14.0	17,0	135	60	15	18	20	5120

*not included in the approval

R-HPTIIA4 Stainless steel throughbolt

Stainless steel throughbolt anchor for cracked and non-cracked concrete

Approvals and Reports

- ETA-17/0185

Installation guide movie

Features and benefits

- Stainless steel material for the highest corrosion resistance
- High performance in cracked and non-cracked concrete confirmed by ETA Option 1
- Highest quality ensures maximum load capacity
- 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
- Seismic category C1

Applications

- Cladding restraints
- Barriers
- Structural steel
- Curtain walling
- Hand rails
- Heavy plant
- Balustrading
- Passenger lifts
- Facades
- Fencing & gates
- 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
- Unreinforced concrete C20/25-C50/60
- Reinforced concrete C20/25-C50/60

Also suitable for use in:

- Natural stone (after site testing)

Size	Rawlplug code	Anchor		Fixture			Quantity		
		Diameter	Length	Max. thickness		Hole diameter	Box	Outer	Pallet
		mm	mm	$t_{fix,r}$ mm	$t_{fix,s}$ 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	16000
	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

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R-HPTIIA4 Stainless steel throughbolt (cont.)

Size	Rawlplug code	Anchor		Fixture			Quantity		
		Diameter	Length	Max. thickness		Hole diameter	Box	Outer	Pallet
		mm	mm	$t_{fix,r}$ mm	$t_{fix,s}$ mm	mm	pcs	pcs	pcs
R-HPTIIA4 "D" Stainless Steel Throughbolt with large washer DIN 9021									
M8	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	16000
	R-HPTIIA4D08115/50	8	115	65	50	9	100	100	12000
M10	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
M12	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
M16	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-HPTIIZF Zinc Flake Throughbolt

Throughbolt anchor with corrosion-resistant coating for cracked and non-cracked concrete

Approvals and Reports

- ETA 17/0184

Installation guide movie

Features and benefits

- New generation of throughbolt with unique corrosion-resistant coating
- High performance in cracked and non-cracked concrete confirmed by ETA Option 1
- Highest quality to receive optimal 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
- Seismic category C1, C2

Applications

- Cladding restraints
- Consoles
- Barriers
- Structural steel
- Curtain walling
- Hand rails
- Heavy Plant
- Balustrading
- Passenger lifts
- Facades

Base materials

Approved for use in:

- Cracked concrete C20/25-C50/60
- Non-cracked concrete C20/25-C50/60
- Unreinforced concrete C20/25-C50/60
- Reinforced concrete C20/25-C50/60

Also suitable for use in:

- Natural stone (after site testing)

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R-HPTIIZF 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	16000
	R-HPTIIZF-08080/15	8	80	30	15	9	100	16000
	R-HPTIIZF-08100/35	8	100	50	35	9	100	12000
	R-HPTIIZF-08115/50	8	115	65	50	9	100	16000
M10	R-HPTIIZF-10065/5	10	65	5	-	11	50	8000
	R-HPTIIZF-10080/20	10	80	20	-	11	50	8000
	R-HPTIIZF-10095/15	10	95	35	15	11	50	8000
	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	8000
	R-HPTIIZF-12100/5	12	100	25	5	13	50	8000
	R-HPTIIZF-12120/25	12	120	45	25	13	50	6000
	R-HPTIIZF-12135/40	12	135	60	40	13	50	6000
	R-HPTIIZF-12150/55	12	150	75	55	13	50	4000
M16	R-HPTIIZF-16105/10	16	105	10	-	18	25	4000
	R-HPTIIZF-16140/20	16	140	40	20	18	25	4000
	R-HPTIIZF-16180/60	16	180	80	60	18	25	3000
	R-HPTIIZF16220/100	16	220	120	100	18	25	3000
M20	R-HPTIIZF-20125/5	20	125	5	-	22	25	3000
	R-HPTIIZF-20160/20	20	160	40	20	22	25	3000
	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-HPTIIZFD12100/5	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

[1] ETA 17/0184

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R-XPTIIA4 Stainless steel throughbolt

Stainless steel throughbolt for non-cracked concrete

Approvals and Reports

- ETA 17/0782
- AT-15-7370/2016

Installation guide movie

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
- Fire resistant
- 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)

Size	Rawlplug code	Anchor		Fixture			Quantity	
		Diameter	Length	Max. thickness t_{fix} for:		Hole diameter	Box	Outer
				$h_{nom,red}$	$h_{nom,std}$			
		mm	mm	mm	mm	mm	pcs	pcs
M6	R-XPTIIA4-06050/10*	6	50	10	-	7	100	100
	R-XPTIIA4-06085/25*	6	85	45	25	7	100	100
M8	R-XPTIIA4-08060/10	8	60	10	-	9	100	100
	R-XPTIIA4-08075/10	8	75	25	10	9	100	100
	R-XPTIIA4-08085/20	8	85	35	20	9	100	100
	R-XPTIIA4-08095/30	8	95	45	30	9	100	100
	R-XPTIIA4-08105/40	8	105	55	40	9	100	100
	R-XPTIIA4-08115/50	8	115	65	50	9	100	100
M10	R-XPTIIA4-10065/5	10	65	5	-	11	50	50
	R-XPTIIA4-10080/20	10	80	20	-	11	50	50
	R-XPTIIA4-10095/15	10	95	35	15	11	50	50
	R-XPTIIA4-10115/35	10	115	55	35	11	50	50
	R-XPTIIA4-10130/50	10	130	70	50	11	50	50
	R-XPTIIA4-10140/60	10	140	80	60	11	50	50
M12	R-XPTIIA4-12080/5	12	80	5	-	13	50	50
	R-XPTIIA4-12100/5	12	100	25	5	13	50	50
	R-XPTIIA4-12115/20	12	115	40	20	13	50	50
	R-XPTIIA4-12125/30	12	125	50	30	13	50	50
	R-XPTIIA4-12150/55	12	150	75	55	13	50	50
	R-XPTIIA4-12180/85	12	180	105	85	13	50	50
M16	R-XPTIIA4-16125/5	16	125	25	5	18	25	25
	R-XPTIIA4-16140/20	16	140	40	20	18	25	25
	R-XPTIIA4-16150/30	16	150	50	30	18	25	25
	R-XPTIIA4-16180/60	16	180	80	60	18	25	25
M20	R-XPTIIA4-20125/5*	20	125	5	-	22	25	25
	R-XPTIIA4-20160/20*	20	160	40	20	22	25	25
	R-XPTIIA4-20200/60*	20	200	80	60	22	10	10
	R-XPTIIA4-20300/16*	20	300	180	160	22	10	10
M24	R-XPTIIA4-24260/10*	24	260	115	100	26	10	10

* AT-15-7370/2016

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R-XPT-HD Hot Dip Galvanized Throughbolt

Hot Dip Galvanized throughbolt for non-cracked concrete

Approvals and Reports

- AT-15-9326/2014

Features and benefits

- Increased corrosion resistance due to hot dip zinc external protection layer
- R-XPT-HD is 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 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)

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-XPT-HD-06085/25	6	85	45	25	7	100	16000
	R-XPT-HD-06100/40	6	100	60	40	7	100	16000
M8	R-XPT-HD-08050/5	8	50	5	-	9	100	16000
	R-XPT-HD-08060/10	8	60	10	-	9	100	16000
	R-XPT-HD-08065/15	8	65	15	-	9	100	16000
	R-XPT-HD-08075/10	8	75	25	10	9	100	16000
	R-XPT-HD-08080/15	8	80	30	15	9	100	16000
	R-XPT-HD-08095/30	8	95	45	30	9	100	12000
	R-XPT-HD-08115/50	8	115	65	50	9	100	12000
	R-XPT-HD-08140/75	8	140	90	75	9	100	16000
M10	R-XPT-HD-10065/5	10	65	5	-	11	50	8000
	R-XPT-HD-10080/10	10	80	20	10	11	50	8000
	R-XPT-HD-10095/25	10	95	35	25	11	50	8000
	R-XPT-HD-10115/45	10	115	55	45	11	50	6000
	R-XPT-HD-10130/60	10	130	70	60	11	50	8000
	R-XPT-HD-10140/70	10	140	80	70	11	50	8000
M12	R-XPT-HD-12080/5	12	80	5	-	13	50	8000
	R-XPT-HD-12100/5	12	100	25	5	13	50	8000
	R-XPT-HD-12120/25	12	120	45	25	13	50	6000
	R-XPT-HD-12125/30	12	125	50	30	13	50	6000
	R-XPT-HD-12135/40	12	135	60	40	13	50	6000
	R-XPT-HD-12150/55	12	150	75	55	13	50	6000
	R-XPT-HD-12180/85	12	180	105	85	13	50	4000
	R-XPT-HD-12220/125	12	220	145	125	13	50	4000
M16	R-XPT-HD-16100/5	16	100	5	-	18	25	4000
	R-XPT-HD-16105/10	16	105	10	-	18	25	4000
	R-XPT-HD-16125/5	16	125	25	5	18	25	4000
	R-XPT-HD-16140/20	16	140	40	20	18	25	4000
	R-XPT-HD-16150/30	16	150	50	30	18	25	4000

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R-XPT-HD Hot Dip Galvanized 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
M16	R-XPT-HD-16180/60	16	180	80	60	18	25	3000
	R-XPT-HD-16220/100	16	220	120	100	18	25	3000
M20	R-XPT-HD-20125/5	20	125	5	-	22	25	3000
	R-XPT-HD-20160/20	20	160	40	20	22	25	2000
	R-XPT-HD-20200/60	20	200	80	60	22	10	1200
M24	R-XPT-HD-24260/100	24	260	115	100	26	10	1200

R-XPT Throughbolt

Throughbolt for non-cracked concrete

Approvals and Reports

- ETA 17/0183
- AT-15-9327/2014

Installation guide movie

Features and benefits

- High performance in non-cracked concrete confirmed by ETA Option 7
- 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 time
- 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
- Zinc plated passivated steel with clear Cr3 zinc layer of thickness not thinner than 5 mm according to EN ISO 4042

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)

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
M6	R-XPT-06050/10*	6	50	10	-	7	100	16000
	R-XPT-06065/5*	6	65	25	5	7	100	16000
	R-XPT-06085/25*	6	85	45	25	7	100	16000
	R-XPT-06100/40*	6	100	60	40	7	100	16000
M8	R-XPT-08050/5	8	50	5	-	9	100	16000
	R-XPT-08060/10	8	60	10	-	9	100	16000
	R-XPT-08065/15	8	65	15	-	9	100	16000

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R-XPT Throughbolt (cont.)

Size	Rawlplug code	Anchor		Fixture			Quantity	
		Diameter	Length	Max. thickness		Hole diameter	Box	Pallet
				$t_{fix,f}$	$t_{fix,s}$			
		mm	mm	mm	mm	mm	pcs	pcs
M8	R-XPT-08075/10	8	75	25	10	9	100	16000
	R-XPT-08080/15	8	80	30	15	9	100	16000
	R-XPT-08085/20	8	85	35	20	9	100	16000
	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	16000
	R-XPT-08150/85	8	150	100	85	9	100	16000
M10	R-XPT-10065/5	10	65	5	-	11	50	8000
	R-XPT-10080/10	10	80	20	10	11	50	8000
	R-XPT-10095/25	10	95	35	25	11	50	8000
	R-XPT-10115/45	10	115	55	45	11	50	6000
	R-XPT-10130/60	10	130	70	60	11	50	8000
	R-XPT-10140/70	10	140	80	70	11	50	8000
	R-XPT-10150/80	10	150	90	80	11	50	8000
	R-XPT-10180/110	10	180	120	110	11	50	6000
M12	R-XPT-12080/5	12	80	5	-	13	50	8000
	R-XPT-12100/5	12	100	25	5	13	50	8000
	R-XPT-12120/25	12	120	45	25	13	50	6000
	R-XPT-12125/30	12	125	50	30	13	50	6000
	R-XPT-12135/40	12	135	60	40	13	50	6000
	R-XPT-12140/45	12	140	65	45	13	50	6000
	R-XPT-12150/55	12	150	75	55	13	50	4000
	R-XPT-12160/65	12	160	85	65	13	50	4000
	R-XPT-12180/85	12	180	105	85	13	50	4000
	R-XPT-12200/105	12	200	125	105	13	50	4000
	R-XPT-12220/125	12	220	145	125	13	50	4000
	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	4000
	R-XPT-16105/10	16	105	10	-	18	25	4000
	R-XPT-16125/5	16	125	25	5	18	25	4000
	R-XPT-16140/20	16	140	40	20	18	25	4000
	R-XPT-16150/30	16	150	50	30	18	25	4000
	R-XPT-16160/40	16	160	60	40	18	25	3000
	R-XPT-16180/60	16	180	80	60	18	25	3000
	R-XPT-16200/80	16	200	100	80	18	25	3000
	R-XPT-16220/100	16	220	120	100	18	25	3000
	R-XPT-16250/130	16	250	150	130	18	25	3000
	R-XPT-16280/160	16	280	180	160	18	15	1200
	R-XPT-16300/180	16	300	200	180	18	10	650
20	R-XPT-20125/5	20	125	5	-	22	25	3000
	R-XPT-20160/20	20	160	40	20	22	25	2000
	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	800
M24	R-XPT-24180/20*	24	180	35	20	26	10	1200
	R-XPT-24260/100*	24	260	115	100	26	10	1200
	R-XPT-24300/140*	24	300	155	140	26	10	800

* AT-15-9327/2014

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R-RBL Rawlbolt - loose bolt

World's most popular all-purpose expanding shield anchor - loose bolt version

Approvals and Reports

- ETA-11/0479
- AT-15-7280/2014

Installation guide movie

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 up to 120 min
- Three-piece expanding sleeve provides maximum expansion to ensure optimum loads and safety are achieved in various substrates
- Wide range of diameters (M6 to M24)

Applications

- Roller shutter doors
- Fire doors
- Steelwork
- Security grills
- Machinery
- Pipework/ductwork supports

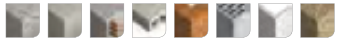
Base materials

Approved for use in:

- Cracked concrete C20/25-C50/60
- Non-cracked concrete C20/25-C50/60
- Unreinforced concrete
- Reinforced concrete
- 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

Also suitable for use in:

- Natural stone (after site testing)



Size	Rawlplug code	Anchor			Fixture		Quantity	
		Bolt diameter	External diameter	Bolt length	Max. thickness	Hole diameter	Box	Pallet
		mm	mm	mm	mm	mm	pcs	pcs
M6	R-RBL-M06/10W	6	12	55	10	6.5	50	16000
	R-RBL-M06/25W	6	12	70	25	6.5	50	16000
	R-RBL-M06/40W	6	12	85	40	6.5	50	8000
M8	R-RBL-M08/10W	8	14	65	10	9	50	16000
	R-RBL-M08/25W	8	14	80	25	9	50	8000
	R-RBL-M08/40W	8	14	95	40	9	50	8000
M10	R-RBL-M10/10W	10	16	75	10	11	50	8000
	R-RBL-M10/25W	10	16	90	25	11	50	8000
	R-RBL-M10/50W	10	16	115	50	11	50	6000
	R-RBL-M10/75W	10	16	140	75	11	50	8000
M12	R-RBL-M12/10W	12	20	90	10	13	25	4000
	R-RBL-M12/25W	12	20	105	25	13	25	4000
	R-RBL-M12/40W	12	20	120	40	13	25	3000
	R-RBL-M12/60W	12	20	140	60	13	25	4000
M16	R-RBL-M16/15W	16	25	135	15	17	10	1600
	R-RBL-M16/30W	16	25	150	30	17	10	1600
	R-RBL-M16/60W	16	25	180	60	17	10	1200
M20	R-RBL-M20/60W	20	32	195	60	22	10	1200
	R-RBL-M20/100W	20	32	235	110	22	10	1200
M24	R-RBL-M24/100W*	24	38	255	100	26	5	400
	R-RBL-M24/150W*	24	38	300	150	26	2	400

*not included in the approval

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R-RBP Rawlbolt - bolt projecting

World's most popular all-purpose expanding shield anchor - bolt projecting version

Approvals and Reports

- ETA-11/0479
- AT-15-7280/2014

Installation guide movie

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 up to 120 min
- Three-piece expanding sleeve provides maximum expansion to ensure optimum loads and safety are achieved in various substrates
- Wide range of diameters (M6 to M24)

Applications

- Roller shutter doors
- Fire doors
- Steelwork
- Security grills
- Machinery
- Pipework/ductwork supports

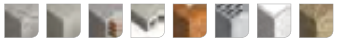
Base materials

Approved for use in:

- Cracked concrete C20/25-C50/60
- Non-cracked concrete C20/25-C50/60
- Unreinforced concrete
- Reinforced concrete
- 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

Also suitable for use in:

- Natural stone (after site testing)



Size	Rawlplug code	Anchor			Fixture		Quantity		
		Bolt 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	16000
	R-RBP-M06/25W	6	12	80	25	6.5	50	400	16000
	R-RBP-M06/60W	6	12	115	60	6.5	50	50	8000
M8	R-RBP-M08/10W	8	14	75	10	9	50	400	16000
	R-RBP-M08/25W	8	14	90	25	9	50	50	8000
	R-RBP-M08/60W	8	14	125	60	9	50	50	8000
M10	R-RBP-M10/15W	10	16	90	15	11	50	50	8000
	R-RBP-M10/30W	10	16	105	30	11	50	50	6000
	R-RBP-M10/60W	10	16	135	60	11	50	50	8000
M12	R-RBP-M12/15W	12	20	110	15	13	25	25	4000
	R-RBP-M12/30W	12	20	125	30	13	25	25	4000
	R-RBP-M12/75W	12	20	170	75	13	25	25	3000
M16	R-RBP-M16/15W	16	25	150	15	17	10	10	1600
	R-RBP-M16/35W	16	25	170	35	17	10	10	1600
	R-RBP-M16/75W	16	25	210	75	17	10	10	1200
M20	R-RBP-M20/15W	20	32	170	15	22	10	10	1200
	R-RBP-M20/30W	20	32	185	30	22	10	10	1200
	R-RBP-M20/100W	20	32	255	100	22	10	10	1200
M24	R-RBP-M24/75W*	24	38	255	75	26	5	5	600
	R-RBP-M24/150W*	24	38	300	150	26	2	2	400

*not included in the approval

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R-RBL-PF, R-RBP-PF Rawlbolt Plastic Ferrule

World's most popular all-purpose expanding shield anchor

R-RBL-PF

R-RBP-PF

Approvals and Reports

- AT-15-7280/2014

Features and benefits

- For use in concrete, hollowcore slabs, flooring blocks and ceramics
- Plastic ferrule simplifies installation in hollow substrates
- Wide range of diameters (M6 to M16)
- Three-piece expanding sleeve provides maximum expansion to ensure optimum loads and safety are achieved in various substrates

Applications

- Roller shutter doors
- Fire doors
- Steelwork
- Security grills
- Heavy machinery
- Installation of metal and plastic pipes in all pipework installations

Base materials

Approved 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

Also suitable for use in:

- Cracked concrete C20/25-C50/60
- Non-cracked concrete C20/25-C50/60
- Unreinforced concrete
- Reinforced concrete
- Natural stone (after site testing)

Size	Rawlplug code	Anchor			Fixture		Quantity [pcs]		
		Bolt diameter	External diameter	Bolt length	Max. thickness	Hole diameter	Box	Outer	Pallet
		mm	mm	mm	mm	mm			
Rawlbolt R-RBL-PF Loose Bolt with plastic ferrule									
M6	R-RBL-PF-M06/10W	6	12	55	10	6.5	50	400	16000
	R-RBL-PF-M06/25W	6	12	70	25	6.5	50	400	16000
	R-RBL-PF-M06/40W	6	12	85	40	6.5	50	50	8000
M8	R-RBL-PF-M08/10W	8	14	65	10	9	50	400	16000
	R-RBL-PF-M08/25W	8	14	80	25	9	50	50	8000
	R-RBL-PF-M08/40W	8	14	95	40	9	50	50	8000
M10	R-RBL-PF-M10/10W	10	16	75	10	11	50	50	8000
	R-RBL-PF-M10/25W	10	16	90	25	11	50	50	8000
	R-RBL-PF-M10/50W	10	16	115	50	11	50	50	6000
	R-RBL-PF-M10/75W	10	16	140	75	11	50	50	6000
M12	R-RBL-PF-M12/10W	12	20	90	10	13	25	25	4000
	R-RBL-PF-M12/25W	12	20	105	25	13	25	25	4000
	R-RBL-PF-M12/40W	12	20	120	40	13	25	25	3000
	R-RBL-PF-M12/60W	12	20	140	60	13	25	25	4000
M16	R-RBL-PF-M16/15W	16	25	135	15	17	10	10	1600
	R-RBL-PF-M16/30W	16	25	150	30	17	10	10	1600
	R-RBL-PF-M16/60W	16	25	180	60	17	10	10	1200

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R-RBL-PF, R-RBP-PF Rawlbolt Plastic Ferrule (cont.)

Size	Rawlplug code	Anchor			Fixture		Quantity [pcs]		
		Bolt diameter	External diameter	Bolt length	Max. thickness	Hole diameter	Box	Outer	Pallet
		mm	mm	mm	mm	mm			
Rawlbolt R-RBP-PF Bolt Projecting with plastic ferrule									
M6	R-RBP-PF-M06/10W	6	12	65	10	6.5	50	400	16000
	R-RBP-PF-M06/25W	6	12	80	25	6.5	50	400	16000
	R-RBP-PF-M06/60W	6	12	115	60	6.5	50	50	8000
M8	R-RBP-PF-M08/10W	8	14	75	10	9	50	400	16000
	R-RBP-PF-M08/25W	8	14	90	25	9	50	50	8000
	R-RBP-PF-M08/60W	8	14	125	60	9	50	50	8000
M10	R-RBP-PF-M10/15W	10	16	90	15	11	50	50	8000
	R-RBP-PF-M10/30W	10	16	105	30	11	50	50	6000
	R-RBP-PF-M10/60W	10	16	135	60	11	50	50	8000
M12	R-RBP-PF-M12/15W	12	20	110	15	13	25	25	4000
	R-RBP-PF-M12/30W	12	20	125	30	13	25	25	4000
	R-RBP-PF-M12/75W	12	20	170	75	13	25	25	3000
M16	R-RBP-PF-M16/15W	16	25	150	15	17	10	10	1600
	R-RBP-PF-M16/35W	16	25	170	35	17	10	10	1600
	R-RBP-PF-M16/75W	16	25	210	75	17	10	10	1200

R-RBL-E Rawlbolt - eye bolt

World's most popular all-purpose expanding shield anchor - eye bolt version

Approvals and Reports

- AT-15-7280/2014

Installation guide movie

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 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

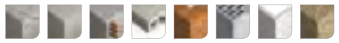
Base materials

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
- 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)



Size	Rawlplug code	Anchor			Quantity		
		Bolt diameter	External diameter	Length	Box	Outer	Pallet
		mm	mm	mm	pcs	pcs	pcs
M6	R-RBL-06EW	6	12	73	25	400	16000
M8	R-RBL-08EW	8	14	87	25	200	8000
M10	R-RBL-10EW	10	16	108	25	25	4000
M12	R-RBL-12EW	12	20	130	25	25	3000

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R-RBL-H Rawlbolt - hook bolt

World's most popular all-purpose expanding shield anchor - hook bolt version

Approvals and Reports

- AT-15-7280/2014

Installation guide movie

Features and benefits

- Hook designed & manufactured for maximum performance
- Three-pieces expanding sleeve of maximum expansion provides optimal load and safety of use in any substrate
- Hook Rawlbolts are not suitable for all arrest systems nor shock loading

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
- 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)

Size	Rawlplug code	Anchor			Quantity		
		Bolt diameter	External diameter	Length	Box	Outer	Pallet
		mm	mm	mm	pcs	pcs	pcs
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

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R-RB Rawlbolt shield

World's most popular all-purpose expanding shield anchor - shield

Installation guide movie

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

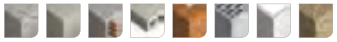
Applications

- 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			Fixture	Quantity		
		Bolt diameter	External diameter	Length	Hole diameter	Box	Outer	Pallet
		mm	mm	mm	mm	pcs	pcs	pcs
M6	R-RB-M06W	6	12	45	6.5	100	800	32000
M8	R-RB-M08W	8	14	50	9	100	100	16000
M10	R-RB-M10W	10	16	60	11	100	100	16000
M12	R-RB-M12W	12	20	75	13	50	50	8000
M16	R-RB-M16W	16	25	115	17	25	25	3000
M20	R-RB-M20W	20	32	130	22	15	15	1800
M24	R-RB-M24W	24	38	150	26	5	5	800

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R-SPLII Safety Plus II

High performance mechanical anchor for cracked and non-cracked concrete

R-SPLII-L

R-SPLII-C

R-SPLII-P

Versions

- R-SPLII-L - Loose Bolt
- R-SPLII-P - Bolt Projecting
- R-SPLII-C - Countersunk

Approvals and Reports

- ETA-14/0345

Features and benefits

- Mechanical anchor for highest tension and shear loads
- Seismic category C2 for structural applications. Seismic category C1 for non-structural use in areas with low seismic risk
- For usage with required fire resistance
- ETA Option 1 for cracked and non-cracked concrete
- Antirotation to prevent rotation during installation
- Anchor's construction allows easy through-installation (drilling and installation through fixed material)
- Three types of tips (nut, flat or tapered bolt) allow simple fitment for installed element
- 8.8 grade steel provides maximum performance and durability

Applications

- Structural steel
- Masonry support
- Cladding restraints
- Road Signs
- Heavy machinery
- Racking systems
- Industrial doors
- Safety barriers

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:

- Natural stone (after site testing)

Size	Product Code	Anchor			Fixture		Quantity		
		Thread size	External diameter	Length	Max. thickness t_{fix}	Hole diameter d_f	Box	Outer	Pallet
		mm	mm	mm	mm	mm	pcs	pcs	pcs
	R-SPLII SafetyPlus - Loose Bolt								
M6	R-SPL-II-06080/20L	6	10	80	20	12	50	400	9600
	R-SPL-II-06110/50L	6	10	110	50	12	50	300	7200
M8	R-SPL-II-08080/10L	8	12	80	10	14	25	200	4800
	R-SPL-II-08090/20L	8	12	90	20	14	25	200	4800
	R-SPL-II-08120/50L	8	12	120	50	14	25	150	3600
M10	R-SPL-II-10090/10L	10	15	90	10	17	20	160	3840
	R-SPL-II-10100/20L	10	15	100	20	17	20	160	3840
	R-SPL-II-10130/50L	10	15	130	50	17	20	120	2880
	R-SPL-II-10180100L	10	15	180	100	17	20	80	500
M12	R-SPL-II-12110/10L	12	18	110	10	20	20	80	1920
	R-SPL-II-12125/25L	12	18	125	25	20	20	20	3840
	R-SPL-II-12150/50L	12	18	150	50	20	20	20	3840
	R-SPL-II-12200100L	12	18	200	100	20	20	20	2100
M16	R-SPL-II-16125/10L	16	24	125	10	26	10	60	1440
	R-SPL-II-16140/25L	16	24	140	25	26	10	40	960
	R-SPL-II-16165/50L	16	24	165	50	26	10	10	890
	R-SPL-II-16215100L	16	24	215	100	26	10	10	700

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R-SPLII Safety Plus II (cont.)

Size	Product Code	Anchor			Fixture		Quantity		
		Thread size	External diameter	Length	Max. thickness t_{fix}	Hole diameter d_f	Box	Outer	Pallet
		mm	mm	mm	mm	mm	pcs	pcs	pcs
R-SPLII-P SafetyPlus - Bolt Projecting									
M6	R-SPL-II-06110/50P	6	10	110	50	12	50	300	7200
M8	R-SPL-II-08090/20P	8	12	90	20	14	25	200	4800
M10	R-SPL-II-10100/20P	10	15	100	20	17	20	160	3840
M12	R-SPL-II-12125/25P	12	18	125	25	20	20	20	3840
	R-SPL-II-12150/50P	12	18	150	50	20	20	20	2200
M16	R-SPL-II-16125/10P	16	24	125	10	26	10	60	1440
R-SPLII-C SafetyPlus - Countersunk									
M6	R-SPL-II-06080/25C	6	10	80	20	12	50	400	9600
M8	R-SPL-II-08080/16C	8	12	80	16	14	25	250	6000
	R-SPL-II-08090/26C	8	12	90	26	14	25	200	4800
M10	R-SPL-II-10090/17C	10	15	90	17	17	20	20	4060
	R-SPL-II-10100/27C	10	15	100	27	17	20	200	3840
M12	R-SPL-II-12125/33C	12	18	125	33	20	20	80	1920

R-SPL SafetyPlus

High performance mechanical anchor for non-cracked concrete

R-SPL - Loose Bolt

R-SPL-BP - Bolt Projecting

R-SPL-C - Countersunk

Versions

- R-SPL - Loose Bolt
- R-SPL-BP - Bolt Projecting
- R-SPL-C - Countersunk

Approvals and Reports

- ETA-11/0126

Features and benefits

- Design of SafetyPlus allows 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 maximized load-bearing capacity
- Case-hardened nut with optimum taper angle for enhanced expansion

Applications

- Structural steel
- Masonry support
- Cladding restraints
- 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)

R-SPL SafetyPlus (cont.)

Size	Product Code	Anchor [mm]			Fixture		Quantity		
		Thread size	External diameter	Length	Max. thickness t_{fix}	Hole diameter d_f	Box	Outer	Pallet
		mm	mm	L	mm	mm	pcs	pcs	pcs
R-SPL SafetyPlus - Loose Bolt									
M8	R-SPL-08090/15	8	12	90	15	14	50	50	8000
	R-SPL-08110/40	8	12	110	40	14	50	50	8000
M10	R-SPL-10105/20	10	15	105	20	17	50	50	8000
	R-SPL-10120/40	10	15	120	40	17	50	50	6000
	R-SPL-10140/60	10	15	140	60	17	50	50	4000
M12	R-SPL-12120/25	12	18	120	25	20	25	25	4000
	R-SPL-12150/50	12	18	150	50	20	25	25	3000
M16	R-SPL-16145/25	16	24	145	25	26	10	10	1600
	R-SPL-16170/50	16	24	170	50	26	10	10	1200
M20	R-SPL-20175/30	20	28	175	30	30	10	10	1200
R-SPL-BP SafetyPlus - Bolt Projecting									
M10	R-SPL-BP-10110/20	10	15	110	20	17	50	50	8000
M12	R-SPL-BP-12135/25	12	18	135	25	20	25	25	4000
	R-SPL-BP-12160/50	12	18	160	50	20	25	25	4000
M16	R-SPL-BP-16160/25	16	24	160	25	26	10	10	1600
	R-SPL-BP-16185/50	16	24	185	50	26	10	10	1200
M20	R-SPL-BP-20190/30	20	28	190	30	30	10	10	1200
R-SPL-C SafetyPlus - Countersunk									
M8	R-SPL-C-08090/20	8	12	90	20	14	50	50	8000
M10	R-SPL-C-10105/25	10	15	105	25	17	50	50	8000
M12	R-SPL-C-12125/30	12	18	120	30	20	25	25	4000
M16	R-SPL-C-16145/30	16	24	145	30	26	10	10	1600

R-DCA-A4 Stainless Steel Drop-in Anchors

Internally threaded stainless steel drop-in anchors for simple hammer-set installation

Approvals and Reports

- ETA-13/0584
- KOT-2017-0165

Features and benefits

- High performance in cracked and non-cracked concrete confirmed by ETA
- Product recommended for applications requiring fire resistance
- Stainless steel material for high resistance to corrosion
- Easy to install by hammer action
- Slotted sleeve and internal wedge component together facilitate easy setting and expansion

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

Also suitable for use in:

- Natural stone (after site testing)

Installation guide movie

Size	Product Code	Anchor [mm]				Fixture	Quantity		
		Diameter	External diameter	Length	Internal thread length	Hole diameter	Box	Outer	Pallet
		d	d_{nom}	L	l_s	d_f	pcs	pcs	pcs
R-DCA-A4									
M6	R-DCA-06-25-A4	6	8	25	11	7	100	1000	100000
M8	R-DCA-08-30-A4	8	10	30	14	9	100	1000	64000
M10	R-DCA-10-40-A4	10	12	40	19	12	50	500	32000
M12	R-DCA-12-50-A4	12	15	50	25	14	50	400	16000
M16	R-DCA-16-65-A4	16	20	65	28	18	25	100	6000

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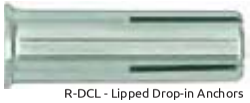
R-DCA, R-DCL Drop-in Anchors

Internally-threaded wedge anchor for simple hammer-set installation

R-DCA - Drop-in Anchors



R-DCL - Lipped Drop-in Anchors

Versions

- R-DCA - Drop-in Anchors
- R-DCL - Lipped Drop-in Anchors

Approvals and Reports

- ETA-13/0584
- KOT-2017-0165 (R-DCA)

Features and benefits

- High performance in cracked and non-cracked concrete confirmed by ETA
- Product recommended for applications requiring fire resistance
- Easy to install by hammer action
- Slotted sleeve and internal wedge component together facilitate easy setting and expansion
- Product is covered with European Technical Assessment for multi-point non-structural fixings
- 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
- Hollow core slabs (only R-DCL)

Also suitable for use in:

- Natural stone (after site testing)

Installation guide movie

Size	Product Code	Anchor [mm]				Fixture	Quantity		
		Diameter	External diameter	Length	Internal thread length	Hole diameter	Box	Outer	Pallet
		d	d_{nom}	L	l_s	d_f	pcs	pcs	pcs
R-DCA									
M6	R-DCA-06-25	6	8	25	11	7	100	1000	36000
	R-DCA-06-25-100B	6	8	25	11	7	100	1700	54400
M8	R-DCA-08-30	8	10	30	14	9	100	1000	60000
	R-DCA-08-30-100B	8	10	30	14	9	100	1700	54400
M10	R-DCA-10-40	10	12	40	19	12	50	500	37500
	R-DCA-10-40-50B	10	12	40	19	12	50	900	28800
M12	R-DCA-12-50	12	15	50	25	14	50	400	18000
	R-DCA-12-50-30B	12	15	50	25	14	30	360	11520
M16	R-DCA-16-65	16	20	65	28	18	25	100	6000
	R-DCA-16-65-15B	16	20	65	28	18	15	180	5760
M20	R-DCA-20-80	20	25	80	38	22	15	90	3240
R-DCL									
M6	R-DCL-06	6	8	25	11	7	100	1000	56000
M8	R-DCL-08-25	8	10	25	14	9	100	1200	57600
	R-DCL-08	8	10	30	14	9	100	1200	57600
M10	R-DCL-10-25	10	12	25	14	12	50	600	36000
	R-DCL-10	10	12	40	19	12	50	600	36000
M12	R-DCL-12-25	12	15	25	14	14	50	200	6000
	R-DCL-12	12	15	50	25	14	50	200	6000
M16	R-DCL-16	16	20	65	28	18	25	150	6000

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Drop In Anchor Setting Tools

Manual setting tool for drop in anchor installation

R-DCA-ST-II

R-DCA-ST

Approvals and Reports

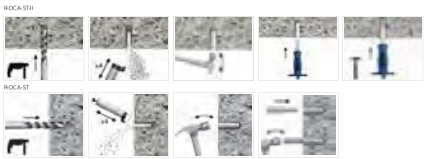
- ETA-13/0584

Features and benefits

- Manual installation of wedge anchors with rubber grip and hand protection

Applications

- Installation of drop in anchor



Size	Rawlplug code	Anchor		Quantity		
		Diameter	Length	Box	Outer	Pallet
		[mm]		pcs	pcs	pcs
M6	R-DCA-ST-II-06	5	14.8	10	10	560
M8	R-DCA-ST-II-08-25	6.6	17	10	10	560
	R-DCA-ST-II-08	6.6	18	10	10	560
M10	R-DCA-ST-II-10-25	8.3	17	10	10	560
	R-DCA-ST-II-10	8.3	23	10	10	560
M12	R-DCA-ST-II-12-25	10.2	17	10	10	560
	R-DCA-ST-II-12	10.2	28	10	10	560
M16	R-DCA-ST-II-16	13.5	33	10	10	240
M6	R-DCA-ST-06	5	14.8	1	100	6000
M8	R-DCA-ST-08	6.6	18	1	100	6000
M10	R-DCA-ST-10	8.3	23	1	100	4500
M12	R-DCA-ST-12	10.2	28	1	50	3000
M16	R-DCA-ST-16	13.5	33	1	30	1350
M20	R-DCA-ST-20	16.8	47	1	20	900

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Concrete screw re-usability testing gauge

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

Product Code	Diameter	Quantity [pcs]		
		Box	Outer	Pallet
R-S1-LX-TEST-08/2	Wear Gauge for R-LX-08	1	1	320
R-S1-LX-TEST-10/2	Wear Gauge for R-LX-10	1	1	320
R-S1-LX-TEST-14/2	Wear Gauge for R-LX-14	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, fasteners and anchors

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RAWLPLUG®

100 YEARS OF EXPERTISE
IN FIXINGS, FASTENERS AND TOOLS

Lightweight Fixings

Overview of our range

FRAME FIXINGS

FRAME FIXINGS	FRAME SCREW
Universal frame fixing for installation of door and window frames and many more applications	Frame screw for quick and easy window & door installation in concrete, perforated brick, solid brick and aerated block.

FEATURES & BENEFITS:

- The countersunk plug for flush fixing of soft material (eg. timber)
- The plug is collared for fixing of hard materials such as steel
- Specially-formulated Ultramid 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 and ensures multi-axis expansion.
- A4 stainless steel offers improved load-bearing capacities (relative to standard carbon steel)
- Special zinc flake corrosion-resistant coating
- Embedment depth markings facilitate precise installation
- Plug design ensures multi-axis expansion

- 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
- Easily removed for temporary works

FRAME FIXINGS AVAILABLE:

R-FF1-L , R-FF1-K	WHO, WHS

LIGHTWEIGHT METAL FIXINGS

CEILING WEDGE ANCHOR

Cost-effective anchor for fixing lightweight ceilings and suspended ceilings to solid building materials

FEATURES & BENEFITS:

- Thle flush-sunk expansion nail signifies the complete expansion of the anchor, ensures minimum movement when under load.
- The two hit zone ensure correct installation and high safety in use.
- Approved to installation in cracked and non-cracket concrete.
- Fire resistance class A1
- Reliable setting thanks to the big collar and simple visual check.

LIGHTWEIGHT METAL FIXINGS AVAILABLE:

GS

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Overview of our range

HAMMER-IN FIXINGS

HAMMER-IN FIXINGS WITH CYLINDER HEAD	HAMMER-IN FIXING WITH MUSHROOM HEAD	HAMMER-IN FIXING WITH COUNTERSUNK HEAD
The hammer fixing with mushroom head for fast, simple, cost-effective installations.		

FEATURES & BENEFITS:

- Rapid hammer-set installation reduces the time required and allows for cost-effective, high-volume installation.
- Combination of Phillips recess and the helical thread makes removal of the nail possible, facilitating disassembly when necessary.
- The extensive range of lengths and diameters mushroom head type plug ensures availability of the correct fixing for every scenario
- Designed for push-through installation.
- Nylon material for best quality

HAMMER-IN FIXINGS AVAILABLE:

FX-N-C	FX-N-K	FX-N-L

PLASTIC PLUG

TRULY UNIVERSAL PLUG	A UNIVERSAL PLUG
Truly universal plug which fixes into any base material, solid or hollow with unique expands at the top giving instant grip.	High performance universal nylon plug which expands in solid materials and forms a reliable knot formation in all cavities.

FEATURES & BENEFITS:

- Unique geometry guarantees maximum expansion and grip.
- Instant grip resulting from split plug design.
- Anti-rotation features prevent spinning in the hole.
- Lip prevents plug slipping into over-sized holes.

- Unique internal design provides positive grip for screws.
- Anti-rotational lugs promote grip in wide range of substrates including soft masonry materials.
- 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 allowing application in any substrate material and type.
- Solid head design provides strength whilst plug is installed.

PLASTIC PLUG PRODUCTS AVAILABLE:

UNO	4ALL

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Overview of our range

PLASTERBOARD FIXING		
INTERSET CAVITY FIXINGS	**SELF-DRILL FIXINGS FOR DRYWALL**	**SPRING TOGGLE**
Interset fixing for permanent anchorages in cavity walls.	Self-drilling light-duty fixing for use in plasterboard sheets and gypsum fibreboards.	Spring toggle for cavity walls and large fixtures with pan head metric screw.
FEATURES & 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. ▪ 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. ▪ Fixtures can be removed and re-fitted. ▪ Combination head screw supplied.	▪ Flange prevents accidental push through in plasterboard. ▪ Short length ideally suited for dry lined walls. ▪ Can be used in single and double thickness plasterboard. ▪ Must only be used with screws provided.	▪ The long threaded rod of the toggle fixings allows for use with different board thickness 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.
PLASTERBOARD FIXINGS AVAILABLE:		
SM, SM-K, SN	DRA, DRA-M	SPO

SPECIAL FIXINGS
RNT FLEXI PLUG
Easy-to-install plug giving exceptional resistance to vibration and corrosion
FEATURES & 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
SPECIAL FIXINGS AVAILABLE:
R-RNT

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R-FF1 NYLON FRAME FIXING

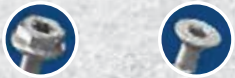
MULTI-SUBSTRATE PLUG WITH BEST PERFORMANCE

- TWO TYPES OF HEAD
- SPECIAL GRIP FEATURE UNDER WASHER
- SPECIAL ZINC FLAKE CORROSION-RESISTANT COATING
- INTERNAL PLUG GEOMETRY DESIGNED TO ENSURE MULTI-AXIS EXPANSION.
- SPECIALLY-FORMULATED NYLON
- OPTIMISED TIP DESIGN

MANY VERSIONS OF PRODUCT FOR WIDE RANGE APPLICATION:

2 TYPES OF HEAD:

hexagonal head with flange — countersunk head



2 TYPES OF PLUG:

collared — countersunk

3 TYPES OF SCREW STANDARD:

A4 stainless steel — ZF zinc-flake coating — ZN zinc plating

A4 STAINLESS STEEL — ZF ZINC FLAKE COATING — ZN ZINC-NITRATE

C5 — C4 — C2

R-FF1 Nylon frame fixing

Universal frame fixing for many applications

R-FF1-N-L Frame fixing countersunk

R-FF1-N-K Frame fixing with collar

Version

- Stainless steel
- Zinc Flake coating
- Zinc plated steel

Approvals and Reports

- ETA-12/0398

Installation guide movie

Features and benefits

- Collared plug for fixing of hard materials (eg. steel)
- 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
- Plug design ensures multi-axis expansion
- The stainless steel screw for best anti-corrosion protection and external applications.
- Special zinc flake corrosion-resistant coating for anti-corrosion protection.

Applications

- Door and window frames
- Garage doors
- Gates
- Industrial doors
- Facade (substructures made of wood and metal)
- Wall cabinets
- Satelite dishes
- Shelves
- Handrails
- Cable trays

Base materials

Approved for use in:

- Concrete ≥ C12/15 (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)
- Hollow Lightweight Concrete Block (Use category D)
- Aerated Concrete Block (Use category D)

Size	Rawlplug code	Plug		Screw		Fixture			Quantity		
		Diameter	Length	Diameter	Length	Max. thickness		Hole diameter	Box	Outer	Pallet
		mm	mm	mm	mm	$t_{fix,r}$ mm	$t_{fix,s}$ mm	mm	pcs	pcs	pcs
R-FF1-L-A4 Frame fixing countersunk - Stainless Steel screw, Torx drive											
Ø8	R-FF1-N-08L080-A4	7.8	80	5.8	87	30	10	8	50	800	19200
	R-FF1-N-08L100-A4	7.8	100	5.8	107	50	30	8	50	800	19200
	R-FF1-N-08L120-A4	7.8	120	5.8	127	70	50	8	50	800	19200
Ø10	R-FF1-N-10L080-A4	9.8	80	7.0	87	30	10	10	50	400	9600
	R-FF1-N-10L100-A4	9.8	100	7.0	107	50	30	10	25	400	9600
	R-FF1-N-10L120-A4	9.8	120	7.0	127	70	50	10	25	400	9600
	R-FF1-N-10L140-A4	9.8	140	7.0	147	90	70	10	25	300	7200
	R-FF1-N-10L160-A4	9.8	160	7.0	167	110	90	10	25	300	7200
	R-FF1-N-10L200-A4	9.8	200	7.0	207	150	130	10	25	25	6000
	R-FF1-N-10L240-A4	9.8	240	7.0	247	190	170	10	25	25	3000
	R-FF1-N-10L300-A4	9.8	300	7.0	307	250	230	10	10	10	3120
R-FF1-L-ZF Frame fixing countersunk - Zinc Flake screw, Torx drive											
Ø8	R-FF1-N-08L080/ZF	7.8	80	5.8	87	30	10	8	50	800	19200
	R-FF1-N-08L100/ZF	7.8	100	5.8	107	50	30	8	50	800	19200
	R-FF1-N-08L120/ZF	7.8	120	5.8	127	70	50	8	50	800	19200
	R-FF1-N-08L140/ZF	7.8	140	5.8	147	90	70	8	50	600	14400
	R-FF1-N-08L160/ZF	7.8	160	5.8	167	110	90	8	50	600	14400
Ø10	R-FF1-N-10L080/DT	9.8	80	7.0	87	30	10	10	50	400	9600
	R-FF1-N-10L100/DT	9.8	100	7.0	107	50	30	10	25	400	9600
	R-FF1-N-10L120/DT	9.8	120	7.0	127	70	50	10	25	300	7200
	R-FF1-N-10L140/DT	9.8	140	7.0	147	90	70	10	25	300	7200
	R-FF1-N-10L160/DT	9.8	160	7.0	167	110	90	10	25	300	7200
	R-FF1-N-10L200/DT	9.8	200	7.0	207	150	130	10	25	25	6000
	R-FF1-N-10L240/DT	9.8	240	7.0	247	190	170	10	25	25	3000
	R-FF1-N-10L300/DT	9.8	300	7.0	307	250	230	10	10	10	3120

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R-FF1 Nylon frame fixing (cont.)

Size	Rawlplug code	Plug		Screw		Fixture			Quantity		
		Diameter	Length	Diameter	Length	Max. thickness		Hole diameter	Box	Outer	Pallet
		mm	mm	mm	mm	$t_{fix,r}$ mm	$t_{fix,s}$ mm	mm	pcs	pcs	pcs
R-FF1-L Frame fixing countersunk - Zinc Plated screw, Torx drive											
Ø8	R-FF1-N-08L080	7.8	80	5.8	87	30	10	8	50	800	19200
	R-FF1-N-08L100	7.8	100	5.8	107	50	30	8	50	800	19200
	R-FF1-N-08L120	7.8	120	5.8	127	70	50	8	50	800	19200
	R-FF1-N-08L140	7.8	140	5.8	147	90	70	8	50	600	14400
	R-FF1-N-08L160	7.8	160	5.8	167	110	90	8	50	600	14400
Ø10	R-FF1-N-10L080	9.8	80	7	87	30	10	10	50	400	9600
	R-FF1-N-10L100	9.8	100	7	107	50	30	10	25	400	9600
	R-FF1-N-10L120	9.8	120	7	127	70	50	10	25	300	7200
	R-FF1-N-10L140	9.8	140	7	147	90	70	10	25	300	7200
	R-FF1-N-10L160	9.8	160	7	167	110	90	10	25	300	7200
	R-FF1-N-10L200	9.8	200	7	207	150	130	10	25	25	6000
	R-FF1-N-10L240	9.8	240	7	247	190	170	10	25	25	3000
	R-FF1-N-10L300	9.8	300	7	307	250	230	10	10	10	3120
R-FF1-K-A4 Frame fixing with collar - Stainless Steel screw, Hex head with Torx drive											
Ø10	R-FF1-N-10K080-A4	9.8	80	7	89	30	10	10	50	400	9600
	R-FF1-N-10K100-A4	9.8	100	7	109	50	30	10	25	400	9600
	R-FF1-N-10K120-A4	9.8	120	7	129	70	50	10	25	300	7200
	R-FF1-N-10K140-A4	9.8	140	7	149	90	70	10	25	300	7200
	R-FF1-N-10K160-A4	9.8	160	7	169	110	90	10	25	300	7200
	R-FF1-N-10K200-A4	9.8	200	7	209	150	130	10	25	25	6000
	R-FF1-N-10K240-A4	9.8	240	7	249	190	170	10	25	25	3000
	R-FF1-N-10K300-A4	9.8	300	7	309	250	230	10	10	10	3120
R-FF1-K-ZF Frame fixing with collar - Zinc Flake screw, Hex head with Torx drive											
Ø10	R-FF1-N-10K080/DT	9.8	80	7	89	30	10	10	50	400	9600
	R-FF1-N-10K100/DT	9.8	100	7	109	50	30	10	25	400	9600
	R-FF1-N-10K120/DT	9.8	120	7	129	70	50	10	25	300	7200
	R-FF1-N-10K140/DT	9.8	140	7	149	90	70	10	25	300	7200
	R-FF1-N-10K160/DT	9.8	160	7	169	110	90	10	25	300	7200
	R-FF1-N-10K200/DT	9.8	200	7	209	150	130	10	25	25	6000
	R-FF1-N-10K240/DT	9.8	240	7	249	190	170	10	25	25	3000
	R-FF1-N-10K300/DT	9.8	300	7	309	250	230	10	10	10	3120
R-FF1-K Frame fixing with collar - Zinc Plated screw, Hex head with Torx drive											
Ø10	R-FF1-N-10K080	9.8	80	7	89	30	10	10	50	400	9600
	R-FF1-N-10K100	9.8	100	7	109	50	30	10	25	400	9600
	R-FF1-N-10K120	9.8	120	7	129	70	50	10	25	300	7200
	R-FF1-N-10K140	9.8	140	7	149	90	70	10	25	300	7200
	R-FF1-N-10K160	9.8	160	7	169	110	90	10	25	300	7200
	R-FF1-N-10K200	9.8	200	7	209	150	130	10	25	25	6000
	R-FF1-N-10K240	9.8	240	7	249	190	170	10	25	25	3000
	R-FF1-N-10K300	9.8	300	7	309	250	230	10	10	10	3120
Ø14	R-FF1-N-14K120	13.8	120	10.8	131	-	50	14	25	300	7200
	R-FF1-N-14K160	13.8	160	10.8	171	-	90	14	25	25	6000
	R-FF1-N-14K200	13.8	200	10.8	211	-	130	14	25	25	3000
	R-FF1-N-14K240	13.8	240	10.8	251	-	170	14	10	10	3120

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R-FF1-CAP Masking cap for R-FF1 frame fixings

Cover cap for aesthetic installation of frame fixings with the SW13 head size, available in many coloure versions

Cechy i korzyści

- Aesthetic finishing after installation of R-FF1 frame fixings
- Many coloure versions to optimize aesthetic installation effect

Aplikacje

- Door and window frames

Rawlplug code	RAL coloure	Plug	Quantity		
		Diameter	Quantity	Outer	Pallet
		mm	pcs	pcs	pcs
R-FF1-CAP-1001	1001	19.6	50	50	38400
R-FF1-CAP-6020	6020	19.6	50	50	38400
R-FF1-CAP-7024	7024	19.6	50	50	38400
R-FF1-CAP-7035	7035	19.6	50	50	38400
R-FF1-CAP-7043	7043	19.6	50	50	38400
R-FF1-CAP-8017	8017	19.6	50	50	38400
R-FF1-CAP-9002	9002	19.6	50	50	38400
R-FF1-CAP-9005	9005	19.6	50	50	38400
R-FF1-CAP-9016	9016	19.6	50	50	38400

UNO® Universal plug

Truly universal plug which fixes into any base material, solid or hollow

Approvals and Reports

- AT-15-8093/2016

Installation guide movie

Features and benefits

- Unique geometry guarantees maximum expansion and grip
- 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")

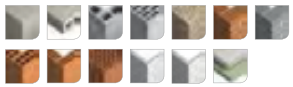
Applications

- Shelves
- 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



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

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UNO® Universal plug with screw

Truly universal plug which fixes into any base material, solid or hollow

Approvals and Reports

- AT-15-8093/2016

Installation guide movie

Features and benefits

- Unique geometry guarantees maximum expansion and grip
- 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

- Shelves
- 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

Rawlplug code	Plug		Screw Range		Quantity		
	Diameter	Length	Diameter	Length	Box	Outer	Pallet
	mm	mm	mm	mm	pcs	pcs	pcs
UNO-05+330	5	24	3	30	100	3200	76800
UNO-06+430	6	28	4	30	100	3200	76800
UNO-06+435	6	28	4	35	100	3200	76800
UNO-06+445	6	28	4	45	100	3200	76800
UNO-08+435	8	32	4.5	35	100	1600	38400
UNO-08+450	8	32	4.5	50	100	1600	38400
UNO-08+560	8	32	5	60	100	1600	38400
UNO-10+540	10	36	5	40	100	1600	38400
UNO-10+650	10	36	6	50	100	1600	38400
UNO-10+660	10	36	6	60	100	1600	38400

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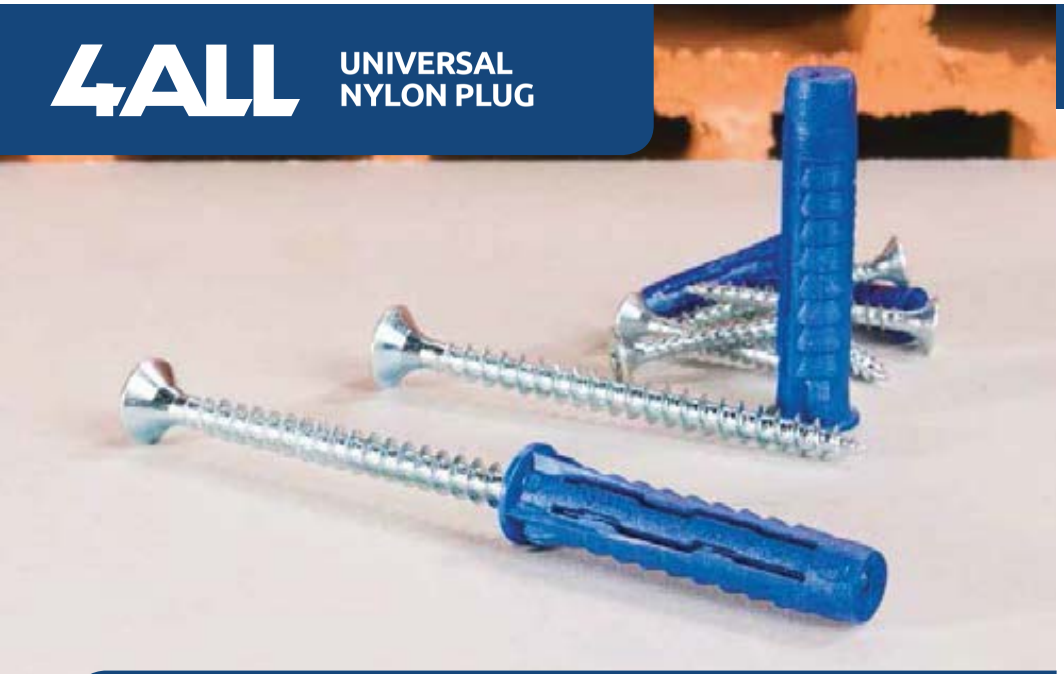
4ALL UNIVERSAL NYLON PLUG



UNIQUE INTERNAL DESIGN

- SOLID DETAILED HEAD PROVIDES STRENGTH WHILST PLUG IS INSTALLED
- UNIQUE INTERNAL DESIGN PROVIDES POSITIVE GRIP FOR SCREWS
- ANTI ROTATIONAL PLUGS PROMOTE GRIP IN ALL MATERIALS INCLUDING SOFT MASONRY MATERIALS
- RIB DETAIL AT PLUG HEAD PROVIDES ADDED GRIP IN ALL SUBSTRATES
- EXPANSION DETAIL DESIGNED TO COLLAPSE IN HOLLOW SURFACES AND PROVIDE POSITIVE GRIP IN HOLLOW SURFACES
- UNIQUE 4 WAY EXPANSION ALLOWING APPLICATION IN ANY SUBSTRATE MATERIAL AND TYPE

HOLLOW BRICK

CONCRETE

PLASTERBOARD

RAWLPLUG®

4ALL Universal nylon plug

High performance nylon plug for all types of substrates

Approvals and Reports

- AT-15-8093/2016

Installation guide movie

Features and benefits

- Unique internal design provides positive grip for screws
- Anti-rotational lugs promote grip in wide range of substrates including soft masonry materials
- 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 allowing application in any substrate material and type

Applications

- Lighting
- Wall cabinets
- Wardrobes
- Letterboxes
- TV brackets
- Bathroom fittings
- Electrical fittings
- Shelves

Base materials

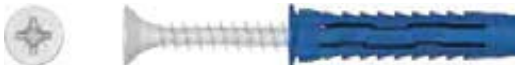
Suitable for use in:

- Concrete
- Natural Stone
- Solid Brick
- Hollow Brick
- Lightweight Concrete Block
- Hollow Lightweight Concrete Block
- Aerated Concrete Block
- Plasterboard

Rawlplug code	Plug		Fixture	Quantity		
	Diameter	Length	Hole diameter	Box	Outer	Pallet
	mm	mm	d_1	pcs	pcs	pcs
4ALL-05	5	25	3,0 - 4,0	100	3200	204800
4ALL-06	6	30	4,0 - 5,0	100	3200	179200
4ALL-06050	6	50	4,0 - 5,0	50	3200	76800
4ALL-08	8	40	4,5 - 6,0	100	1600	102400
4ALL-08065	8	65	4,5 - 6,0	50	1600	4800
4ALL-10	10	50	6,0 - 9,0	50	800	51200
4ALL-12	12	60	8,0 - 10,0	20	640	15360
4ALL-14	14	70	10,0 - 12,0	10	320	7680

4ALL Universal nylon plug with screw

High performance nylon plug with screw for all types of substrates.



Approvals and Reports

- AT-15-8093/2016

Installation guide movie

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 allowing application in any substrate material and type
- Solid head design provides strength whilst plug is installed

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

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4ALL Universal nylon plug with screw (cont.)

Rawlplug code	Plug		Screw		Fixture		Quantity		
	Diameter	Length	Diameter	Length	Max. thickness	Hole diameter	Box	Outer	Pallet
	mm	mm	mm	mm	t_{fix}	d_f	pcs	pcs	pcs
4ALL-05+3530	5	25	3.5	30	10	4	50	1600	102400
4ALL-06+4540	6	30	4.5	40	10	5	50	1600	76800
4ALL-06050+4560	6	50	4.5	60	10	5	50	1600	38400
4ALL-08+5060	8	40	5	60	20	6	50	800	25600
4ALL-08065+5080	8	65	5	80	15	6	50	1200	28800
4ALL-10+6060	10	50	6	60	10	7	25	400	19200
4ALL-12/80	12	60	8	80	20	9	10	160	8960
4ALL-12/100	12	60	8	100	40	9	10	160	8960
4ALL-14/100	14	70	10	100	30	11	10	160	8960

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

Index	Anchor			Quantity		
	Drill size	Screw	Length	Box	Outer	Pallet
	mm		mm	pcs	pcs	pcs
RAWLNUT Flexi Plug						
R-RNT-M4/12	8	M4	12.6	50	900	21600
R-RNT-M4/24	8	M4	24.0	50	900	21600
R-RNT-M5/14	10	M5	14.1	50	900	21600
R-RNT-M5/26	10	M5	26.1	50	900	21600
R-RNT-M5/40	10	M5	39.8	50	900	21600
R-RNT-M6/16	13	M6	16.0	50	900	21600
R-RNT-M6/27	13	M6	26.7	50	900	21600
R-RNT-M6/35	13	M6	35.0	50	900	21600
R-RNT-M6/50	13	M6	50.0	50	900	21600
R-RNT-M8/28	16	M8	27.9	50	900	21600
R-RNT-M8/30	18	M8	30.0	50	900	21600
R-RNT-M8/50	18	M8	50.0	50	900	21600
R-RNT-M10/55	20	M10	55.0	25	360	8640
R-RNT-M12/80	24	M12	75.0	20	360	8640

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RAWLNUT Flexi Plug (cont.)

Index	Anchor			Quantity		
	Drill size	Screw	Length	Box	Outer	Pallet
	mm		mm	pcs	pcs	pcs
RAWLNUT Flexi Plug with Screw						
R-RNT-M3X30	8	M3x30	24.0	50	900	21600
R-RNT-M4X20	8	M4x20	12.6	50	900	21600
R-RNT-M4X30	8	M4x30	24.0	50	900	21600
R-RNT-M5X20	10	M5x20	14.1	50	900	21600
R-RNT-M5X30	10	M5x30	26.1	50	900	21600
R-RNT-M5X40-50	10	M5x50	39.8	50	900	21600

GS Ceiling wedge anchor

Ceiling wedge anchor

Approvals and Reports

- ETA-11/0268

Features and benefits

- The flush-sunk expansion nail signifies the complete expansion of the anchor, ensures minimum movement when under load
- The two hit zone ensure correct installation (especially in narrow drill holes) and high safety in use
- Approved to installation in cracked and non-cracked concrete
- Fire resistance class A1
- Reliable setting thanks to the big collar and simple visual check

Applications

- Suspended ceilings
- Coffered ceilings
- Conduit and pipe clamps
- Ventilation systems
- Metal roof profiles
- Punched tapes

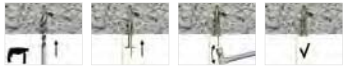
Base materials

Approved for use in:

- Cracked concrete C20/25-C50/60
- Non-cracked concrete C20/25-C50/60

Also suitable for use in:

- Natural Stone
- Concrete



Rawlplug code	Anchor		Quantity		
	Diameter	Length	Box	Outer	Pallet
	mm	mm	pcs	pcs	pcs
R-GS-06040	6	40	100	2000	72000
R-GS-06065	6	65	100	1000	28800

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FX-N-C Nylon hammer-in fixing with cylinder head

The nylon hammer fixing with cylinder head for fast, simple, cost-effective installations

Approvals and Reports

- ETA-12/0457

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 Phillips 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

Rawlplug code	Plug		Quantity		
	Diameter	Length	Box	Outer	Pallet
	mm	mm	pcs	pcs	pcs
R-FX-N-05C030	5	30	100	2400	57600
R-FX-N-05C035	5	35	100	2400	57600
R-FX-N-05C050	5	50	100	2400	57600
R-FX-N-06C035	6	35	100	2400	57600
R-FX-N-06C040	6	40	100	1600	38400
R-FX-N-06C055	6	55	100	1600	38400
R-FX-N-06C060	6	60	100	1200	28800
R-FX-N-06C080	6	80	100	1200	28800
R-FX-N-08C045	8	45	100	1200	28800
R-FX-N-08C060	8	60	100	1200	28800
R-FX-N-08C080	8	80	50	600	14400
R-FX-N-08C100	8	100	50	600	14400
R-FX-N-08C120	8	120	50	600	14400

FX-N-K Nylon hammer-in fixing with mushroom head

The nylon hammer fixing with mushroom head for fast, simple, cost-effective installations

Approvals and Reports

- ETA-12/0457

Features and benefits

- Rapid hammer-set installation reduces the time required and allows for cost-effective, high-volume installation
- Combination of Phillips recess and the helical thread makes removal of the nail possible, facilitating disassembly when necessary
- The extensive range of lengths and diameters mushroom head type plug ensures availability of the correct fixing for every scenario
- Designed for push-through installation
- Nylon material for best quality

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

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FX-N-K Nylon hammer-in fixing with mushroom head (cont.)

Index	Plug		Quantity		
	Diameter	Length	Box	Outer	Pallet
	mm	mm	pcs	pcs	pcs
R-FX-N-06K040	6	40	100	1200	28800
R-FX-N-06K060	6	60	100	1200	28800

FX-N-L Nylon hammer-in fixing with countersunk head

The nylon hammer fixing with countersunk head for fast, simple, cost-effective installations

Approvals and Reports

- ETA-12/0457

Features and benefits

- Rapid hammer-set installation reduces the time required and allows for cost-effective, high-volume installation
- Combination of Phillips recess and the helical thread makes removal of the nail possible, facilitating disassembly when necessary
- The extensive range of product lengths and diameters with countersunk head type 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

Rawlplug code	Plug		Quantity		
	Diameter	Length	Box	Outer	Pallet
	mm	mm	pcs	pcs	pcs
R-FX-N-05L025	5	25	100	2400	57600
R-FX-N-05L030	5	30	100	2400	57600
R-FX-N-05L035	5	35	100	2400	57600
R-FX-N-05L040	5	40	100	2400	57600
R-FX-N-05L050	5	50	100	2400	57600
R-FX-N-06L035	6	35	100	2400	57600
R-FX-N-06L040	6	40	100	1600	38400
R-FX-N-06L045	6	45	100	1600	38400
R-FX-N-06L050	6	50	100	1200	28800
R-FX-N-06L060	6	60	100	1200	28800
R-FX-N-06L080	6	80	100	1200	28800
R-FX-N-08L045	8	45	100	1200	28800
R-FX-N-08L060	8	60	100	1200	28800
R-FX-N-08L080	8	80	50	600	14400
R-FX-N-08L100	8	100	50	600	14400
R-FX-N-08L120	8	120	50	600	14400
R-FX-N-08L140	8	140	50	600	14400
R-FX-N-08L160	8	160	50	600	14400
R-FX-N-10L100	10	100	25	300	7200
R-FX-N-10L120	10	120	25	300	7200
R-FX-N-10L140	10	140	25	300	7200

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Nylon self drill fixing for plasterboard

Nylon self-drill 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
- 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	Plug		Screw		Quantity		
	Diameter	Length	Diameter	Length	Box	Outer	Pallet
	mm	mm	mm	mm	pcs	pcs	pcs
R-DRA-01	14	36	-	-	100	1800	57600
R-DRA-01PLUS	14	36	3.9	32	100	1600	38400

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	Pallet
	mm	mm	mm	mm	pcs	pcs	pcs
R-DRA-02	14	28	-		100	3200	76800
R-DRA-02PLUS	14	28	4.5	32	100	1600	38400

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Interset Hollow wall anchor

Interset fixing for permanent anchorages in cavity walls. Zinc-plated metal fixing with metric screw

Approvals and Reports

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 bathroom accessories on standard plasterboard
- Radiators and kitchen cabinets on double thickness and tiled plasterboard
- Pictures
- Lamps
- Towel rails
- Curtain rails
- Mirrors

Base materials

Suitable for use in:

- Plasterboard
- Chipboard
- Oriented Strand Board

Rawlplug code	Anchor			Quantity		
	Drill size	Dimensions	Wall thickness	Box	Outer	Pallet
	mm	mm	mm	pcs	pcs	pcs
R-SM-04020	8	M4x20	2-5	100	3200	76800
R-SM-04032	8	M4x32	2-10	100	3200	76800
R-SM-04038	8	M4x38	8-15	100	1600	38400
R-SM-04046	8	M4x46	15-21	100	1600	38400
R-SM-04059	8	M4x59	34-38	100	1600	38400
R-SM-05037	10	M5x37	5-13	100	1600	38400
R-SM-05052	10	M5x52	6-16	100	1600	38400
R-SM-05065	10	M5x65	15-28	100	1200	28800
R-SM-06037	12	M6x37	8-12	100	1200	28800
R-SM-06052	12	M6x52	13-15	100	1200	28800
R-SM-06065	12	M6x65	15-28	50	600	14400
R-SM-06080	12	M6x80	32-35	50	600	14400
R-SM-08080	16	M8x80	32-35	50	600	14400
R-SM-04032K	8	M4x32 Angle hook	2-10	100	1800	28 800
R-SM-04032S	8	M4x32 Round hook	2-10	100	1800	28 800

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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	Pallet
	pcs	pcs	pcs
AT-88RAWL	1	30	540

FIX Nylon expansion plug

Easy-to-install plug giving exceptional performance in solid base materials

Approvals and Reports

- AT-15-8093/2016

Features and benefits

- Anti-rotation fins prevent spinning during tightening of the screw
- Engineered grip feature for extra holding power
- Two-way expansion mechanism provides a strong anchorage in solid base materials
- Small edge distances achievable

Applications

- Pictures
- Lighting
- Skirting / Dado railing
- Shelves
- Trunking
- Cable trays / Electrical fittings
- Letterboxes

Base materials

Suitable for use in:

- Concrete
- Solid Brick
- High-Density Natural Stone
- Solid Concrete Block
- Solid Sand-lime Brick

Rawlplug code	Box Contents	Plug		Quantity		
		Diameter	Length	Box	Outer	Pallet
		mm	mm	pcs	pcs	pcs
FIX Nylon Expansion Plugs						
R-FIX-N-05	Box of 100 x 5x25mm Plugs	5	25	100	3200	179200
R-FIX-N-06	Box of 100 x 6x30mm Plugs	6	30	100	3200	179200
R-FIX-N-08	Box of 100 x 8x40mm Plugs	8	40	100	3200	76800
R-FIX-N-10	Box of 100 x 10x50mm Plugs	10	50	100	1600	38400
R-FIX-N-12	Box of 50 x 12x60mm Plugs	12	60	50	1600	38400
R-FIX-N-14	Box of 25 x 14x70mm Plugs	14	70	25	600	14400

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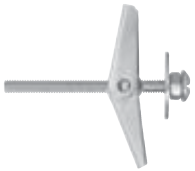
Spring toggle

Spring toggle single or double thickness plasterboard and large fixtures



SPO450

SPO475

SPO475Z

Approvals and Reports

Features and benefits

- The long threaded rod of the toggle fixings allows for use with different board thickness 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		
	Dimensions	Drill size	Box	Outer	Pallet
	mm	mm	pcs	pcs	pcs
R-SPO450	M4x50	14	50	800	19200
R-SPO475Z	M4x75	14	50	600	14400
R-SPO475	M4x75	14	50	600	14400
Wing with Screw					
R-SPO-03050	M3x50	12	100	1600	38400
R-SPO-05050	M5x50	14	100	100	40000
R-SPO-05080	M5x80	14	100	100	40000
R-SPO-06060	M6x60	18	50	50	20000
R-SPO-06080	M6x80	18	50	50	11500

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Plastic toggle

Fixtures can be removed and replaced for redecoration

Features and benefits

- Easy installation with best performance in lightweight base materials
- Hinged legs designed to maximise load-bearing capacity in plasterboard
- Medium duty plasterboard fixing
- Quick and easy installation for household applications
- Fixing body made of impact resistant co-polymer of polypropylene
- Suitable for use with 4mm wood screw

Applications

- Shelves and bathroom accessories on standard plasterboard
- Pictures
- Towel rails
- Light shelving
- Brackets, grips and hooks
- Lamps

Base materials

Suitable for use in:

- Plasterboard
- Chipboard
- Oriented Strand Board
- Plywood

Rawlplug code	Anchor			Quantity		
	Drill diameter	Screw dimensions	Wall thickness	Box	Outer	Pallet
	mm	mm	mm	pcs	pcs	pcs
G Plastic toggle						
R-10G	10	-	9.5 - 12.5	100	1200	28800
GK Plastic toggle with Angle Hook						
R-10GK	10	4,0 x 50	9.5 - 12.5	50	800	19200
GL Plastic Toggle with Countersunk Screw						
R-08GL	8	3,5 x 45	9.5	100	1600	38400
R-10GL	10	4,0 x 60	9.5 - 12.5	50	800	19200

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TAP-IT Hammer-in fixing for plasterboard

Metal fixing for plasterboard

R-GPB-PLUS with screw

R-GPB

Approvals and Reports

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	Fixing	Plug	Screw	Quantity		
	Dimension	Diameter	Length	Box	Outer	Pallet
	mm	mm	mm	pcs	pcs	pcs
R-GPB	30	10.5	-	100	1600	38400
R-GPB-PLUS	30	10.5	40	100	1600	38400

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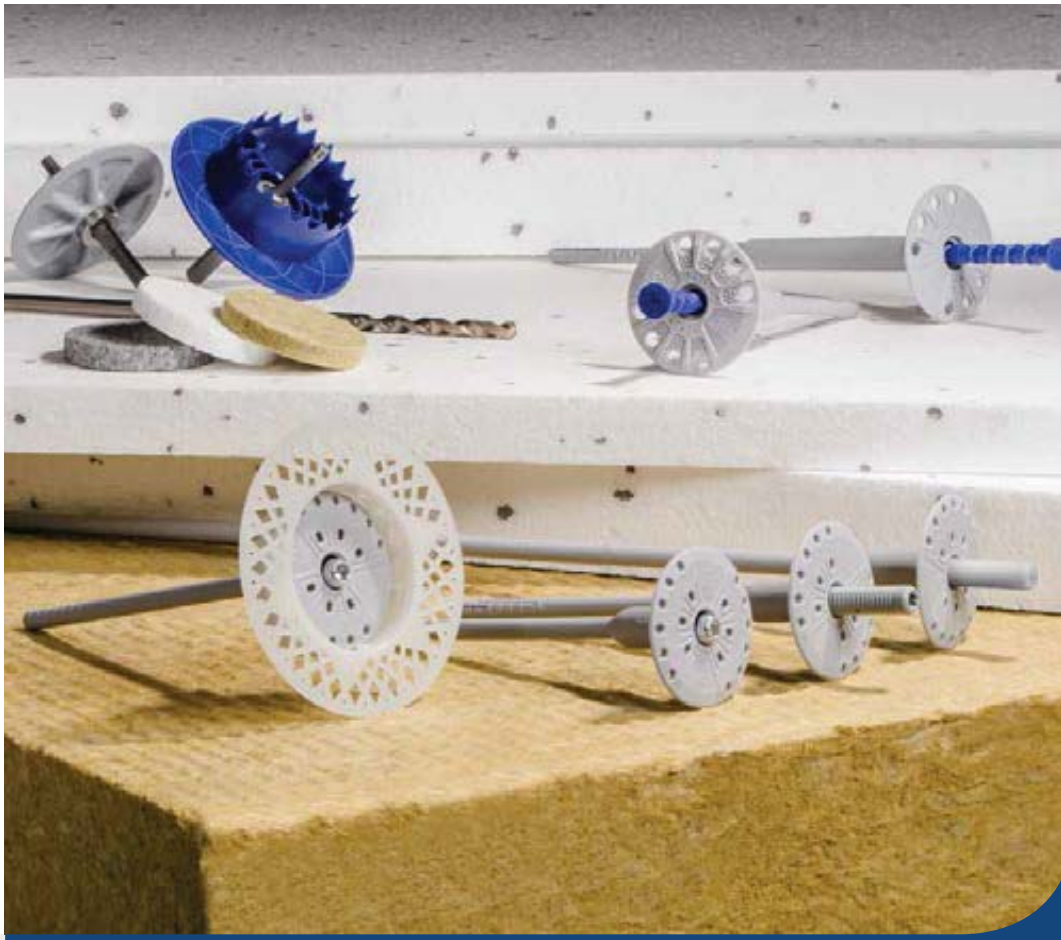

RAWLPLUG®

100 YEARS OF EXPERTISE
IN FIXINGS, FASTENERS AND TOOLS

Facade Insulation Fixings

Overview of our range

	FASTENER NAME			ETICS FIXINGS		
				R-TFIX-8S	R-TFIX-8SX	R-TFIX-8M
INSULATION MATERIAL	EXTRUDED OR EXPANDED POLYSTYRENE			✓	✓	✓
	MINERAL WOOL			✓	✓	✓
	LAMELLA WOOL + HOLDING FLANGE					
	CORK BOARDS, WOOD FIBREBOARDS, LIGHTWEIGHT RECYCLED PANELS			✓	✓	✓
SUBSTRATES	CONCRETE		A	✓ 1.5 kN	✓ 1.5 kN	✓ 1.2kN
	SOLID BRICK, CALCIUMSILICATE BRICK, CONCRETE BLOCKS, STONE		B	✓ 1.5 kN	✓ 1.5 kN	✓ 1.2kN
	HOLLOW BRICK, CHEQUER BRICK, CERAMIC HOLLOW BRICKS		C	✓ 0.9 kN	✓ 0.9 kN	✓ 0.6 kN
	LIGHTWEIGHT CONCRETE BLOCKS, E.G. LECA CONCRETE		D	✓ 0.9 kN	✓ 0.9 kN	✓ 0.5 kN
	AUTOCLAVED CELLULAR (GAS) CONCRETE		E	✓ 1.2 kN	✓ 1.2 kN	✓ 1.0 kN
	TIMBER, WOOD-BASED BOARDS			-	-	-
	TRAPEZOIDAL SHEET			-	-	-
	APPROVALS			ETA 17/0161	ETA 17/0161	ETA 17/0592
CHARACTERISTICS	AVAILABLE LENGHTS [MM]			115, 135, 155, 175, 195, 215, 235, 255, 275, 295, 335, 355, 375, 395, 415, 435, 455	115, 135, 155, 175, 195, 215, 235, 255, 275, 295, 335, 355, 375, 395, 415, 435, 455	135, 155, 175, 195, 215, 235, 275, 295
	THERMAL INSULATION THICKNESSES RANGE [MM]			60-420	60-420	100 - 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.

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Overview of our range

	FASTENER NAME			INSULATION FIXINGS						
				TFIX-8ST	TFIX 8P	MBA	KI-10	R-KC	KCX	R-DB
INSULATION MATERIAL	EXTRUDED OR EXPANDED POLYSTYRENE			✓	✓	✓	✓	✓	✓	
	MINERAL WOOL			✓	✓	✓	✓	✓	✓	
	LAMELLA WOOL + HOLDING FLANGE			-						
	CORK BOARDS, WOOD FIBREBOARDS, LIGHTWEIGHT RECYCLED PANELS			-	✓	✓	✓	-	-	
SUBSTRATES	CONCRETE		A	✓ 1.2 kN	✓ 0.5 kN	✓ 0.8 kN	✓ 0.4 kN	-	✓ 1.5 kN	✓ 0.5 kN
	SOLID BRICK, CALCIUMSILICATE BRICK, CONCRETE BLOCKS, STONE		B	✓ 1.2 kN	✓ 0.5 kN	✓ 0.6 kN	✓ 0.4 kN	-	-	
	HOLLOW BRICK, CHEQUER BRICK, CERAMIC HOLLOW BRICKS		C	✓ 0.75 kN	✓ 0.3 kN	-	✓ 0.3 kN	-	-	
	LIGHTWEIGHT CONCRETE BLOCKS, E.G. LECA CONCRETE		D	✓ 0.6 kN	✓ 0.3 kN	-	✓ 0.5 kN	-	-	
	AUTOCLAVED CELLULAR (GAS) CONCRETE		E	✓ 1.2 kN	✓ 0.5 kN	✓ 0.8 kN	✓ 0.1 kN			
	TIMBER, WOOD-BASED BOARDS			-	-	-	-	✓ 0.91kN	✓ 1.5 kN	
	TRAPEZOIDAL SHEET			-	-	-	-	✓ 0.81 kN	✓ 1.5 kN	
	APPROVALS			ETA 11/0144	ETA-13/0845	KOT-2018/0721	ETA-07/0291	KOT-2017-0345	AT-15-9280/2014	Zulassung: Z-21.8-2077
CHARACTERISTICS	AVAILABLE LENGHTS [MM]			135, 155, 175, 195, 215, 235, 255, 275, 295, 335, 355, 375, 395, 415, 435, 455	95, 115, 135, 155, 175, 195, 215	MBA:80, 110, 140, 170, 200, 250, 300 MBA-SS: 90, 110, 140, 170, 200, 250, 300	70, 90, 120,140, 160, 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	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
	THERMAL INSULATION THICKNESSES RANGE [MM]			60-420	50-180	50 - 160	30 - 180	40 -200	40-350	50-300
	DRILL DIAMETER [MM]			8	8	8	10	-	-	5.0
	ANCHORAGE DEPTH (MM)			25 (65)	25 (65)	50	25	30	30	25
	INSTALLATION TYPE			screw-in	hammer set	hammer set	hammer set	screw-in	screw-in	screw-in
	ADDITIONAL INFORMATION			The best fastener for every fixing. 100% correct anchoring in all conditions. The best parameters, the most versatile of professional fixings.	The economical fixing for bonded ETICS applications.	Non-flammable fixings for ETICS-requiring installations.	The economical fixing for bonded ETICS applications.	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.

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R-TFIX-8S/SX

Screw-in facade fixing

SIMPLICITY

R-TFIX-8SX stands for a genuine breakthrough in terms of installation simplicity, making your work significantly more convenient. Now it takes only one move with a screw gun to make a hole in the insulation material and anchor the fixing in the substrate. Mask the hole with a post-installed cap and you are done. It has never been so effortless before, since you no longer need to cut the polystyrene first and then screw the anchor in.

FLEXIBILITY

R-TFIX-8SX offers simplicity of installation and embedment adjustment possibility. The robust steel head of the screw that withstands high loosening forces makes it possible to undo and reinstall it. You no longer need to worry about the anchoring precision and appearance, as it is now possible to adjust the fixing embedment. This proves particularly important on uneven facades where surface irregularity is typically eliminated with thermal insulation boards. The R-TFIX-8SX fixing allows you to do it upon installation, delivering effects you will find immaculate.

FUNCTIONALITY

Using the R-TFIX-CAP system, insulation caps eliminates thermal bridges and reduces the risk of facade discolouration spots which are clearly visible on all facades where insulation material has been fixed by means of traditional fasteners of excessive thermal permeability causing thermal bridges to form and stains to emerge at the fixing point. Using caps made of the same material as the facade insulation makes it additionally possible to develop uniform surface that homogeneously responds to environmental conditions, which also contributes to minimisation of the facade spot discolouration threat.

INNOVATIVE DESIGN

R-TFIX-8SX stands for innovative design meting the highest quality requirements of professional thermal insulation systems! Not only does it match all types of thermal insulation panels and all substrate materials, but in all of them, it also displays top parameters confirmed by the European Technical Approval.

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R-TFIX-8S
R-TFIX-8SX

SCREW-IN FACADE FIXINGS

The most multifunctional facade fixing available in the market! The only solution that matches all substrates and insulation systems as well as both application types: flush and countersunk!

ETA-17/0161

R-TFIX-8S
facade fixing

The fastest facade fixing for flush installation (optionally countersunk).

R-TFIX-8SX
facade fixing

The most efficient facade fixing for countersunk installation in thermal insulation panels (optionally flush).

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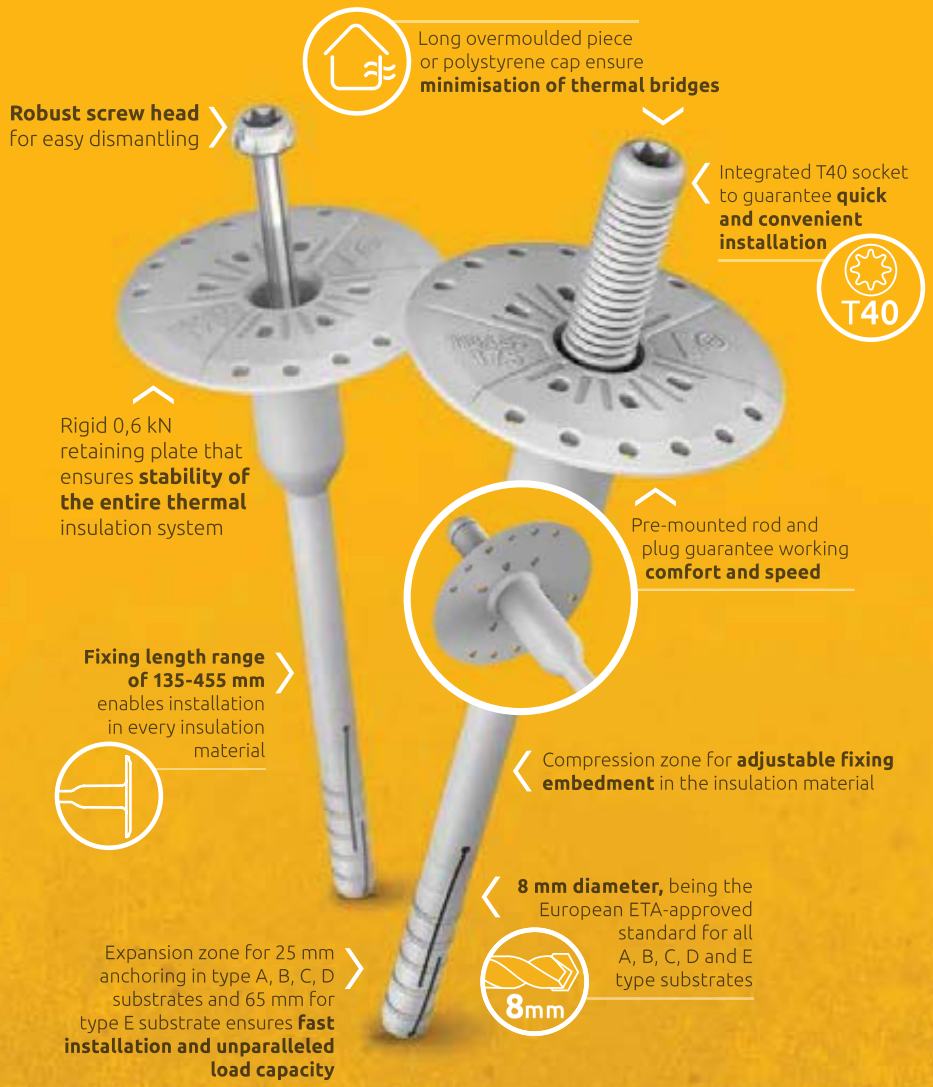
The most multifunctional facade fixing



Long overmoulded piece or polystyrene cap ensure **minimisation of thermal bridges**

Robust screw head for easy dismantling

Integrated T40 socket to guarantee **quick and convenient installation**

Rigid 0,6 kN retaining plate that ensures **stability of the entire thermal** insulation system

Pre-mounted rod and plug guarantee working **comfort and speed**

Fixing length range of 135-455 mm enables installation in every insulation material

Compression zone for **adjustable fixing embedment** in the insulation material

8 mm diameter, being the European ETA-approved standard for all A, B, C, D and E type substrates

Expansion zone for 25 mm anchoring in type A, B, C, D substrates and 65 mm for type E substrate ensures **fast installation and unparalleled load capacity**

Flush mounting of R-TFIX-8S

Installation accessories:

R-TFIX-TOOL-RED
Tightening bit

Flush mounting of R-TFIX-8SX

Installation accessories:

R- TFIX-TOOL-GREY
Tightening bit

R-TFIX-CAP-15
15 mm cap

Countersunk installation of R-TFIX-8S

Installation accessories:

R-KWX-63
Insulation retaining plate with perforator ø 63m

R-TFIX-TOOL-GREEN
Tightening bit

R-TFIX-CAP-63
Insulation caps 63 mm

Installation accessories:

R-KWX 110
Insulation retaining plate with perforator ø 110mm

R-TFIX-TOOL-GREEN
Tightening bit

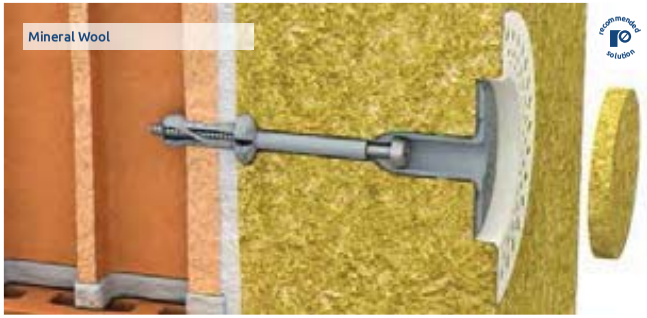
R-TFIX-CAP-63MW
Insulation caps 63 mm

Countersunk installation of R-TFIX-8SX

Installation accessories:

R- TFIX-TOOL-CS
Perforating tool for plug deep-setting in polystyrene and anchoring in substrate

R-TFIX-CAP-63
Insulation caps 63 mm



Installation accessories:

R-KWX 110
Insulation retaining plate with perforator ø 110mm

R-TFIX-TOOL-BLACK
Tightening bit

R-TFIX-CAP-63MW
Insulation caps 63 mm

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R-TFIX-8S Universal facade fixings

Versatile screw-in facade fixing with high performance in all base materials recommended for ETICS

NEW PRODUCT

Approvals and Reports

- ETA-17/0161

Installation guide movie

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

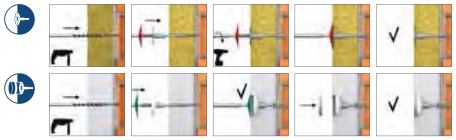
Applications

- 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)



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-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

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R-TFIX-8SX Universal facade fixings

Versatile screw-in facade fixing with high performance in all base materials recommended for ETICS

NEW PRODUCT

Approvals and Reports

- ETA-17/0161

Installation guide movie

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

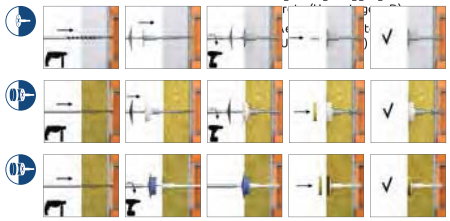
Applications

- 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 con-



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-8SX-115	8	115	60	80	40	200	200	8000
R-TFIX-8SX-135	8	135	60	100	60	200	200	8000
R-TFIX-8SX-155	8	155	60	120	80	200	200	6400
R-TFIX-8SX-175	8	175	60	140	100	200	200	6400
R-TFIX-8SX-195	8	195	60	160	120	200	200	6400
R-TFIX-8SX-215	8	215	60	180	140	100	100	4000
R-TFIX-8SX-235	8	235	60	200	160	100	100	4000
R-TFIX-8SX-255	8	255	60	220	180	100	100	4000
R-TFIX-8SX-275	8	275	60	240	200	100	100	4000
R-TFIX-8SX-295	8	295	60	260	220	100	100	4000
R-TFIX-8SX-335	8	335	60	300	260	100	100	4000
R-TFIX-8SX-355	8	355	60	320	280	100	100	3200
R-TFIX-8SX-375	8	375	60	340	300	100	100	3200
R-TFIX-8SX-395	8	395	60	360	320	50	50	1600
R-TFIX-8SX-415	8	415	60	380	340	50	50	1600
R-TFIX-8SX-435	8	435	60	400	360	50	50	1600
R-TFIX-8SX-455	8	455	60	420	380	50	50	1600

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RAWLPLUG®

R-TFIX-8M

Hammer-in facade fixing with metal pin for all substrates

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 facade 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 facade.

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

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 facade fixings.

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.

SYSTEM PROVIDERS solution of choice

It stabilises the entire facade's thermal insulation system thanks to the high rigidity plate (1.0 kN/mm) which counteracts facade vibrations under the impact of strong wind suction forces.

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R-TFIX-8M

HAMMER-IN FACADE FIXING WITH METAL NAIL FOR ALL SUBSTRATES

Comfortable use and the highest technical parameters make it the most efficient hammer-in facade fixing on market.

ETA-17/0592

FEATURES AND BENEFITS

- Reduced point thermal transmittance to 0,001W/K thanks to high steel pin overmold, which decreases facade heat losses.
- Increased head diameter enabling centric hammer driving for improved installation comfort.
- High plate rigidity (1.0 kN/mm) ensuring stability of the facade thermal insulation system by counteracting wind suction-induced vibrations.
- 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).
- 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.
- Top fixing parameters with anchoring zone reduced in length to 25 mm.
- Available lengths of 135 to 295 mm.

Movie

The R-TFIX-8M hammer-in facade fixing with a metal nail for all substrates is a new product in the thermal insulation fixings segment. The combination of properties which are of key importance for the external wall insulation and thermal upgrade sectors in a single product means both reliability and versatility.

APPLICATIONS

- Facade insulation systems (ETICS/EWI)
- Polystyrene boards
- Mineral wool boards

Product card

SUBSTRATE MATERIAL

- C12/15-C50/60 concrete
- Thin-walled concrete (panel)
- Solid brick
- Solid calcium-silicate brick
- Hollow brick
- Perforated brick
- Hollow calcium-silicate brick
- Lightweight concrete
- Aerated concrete

R-TFIX-8M Facade fixing with metal nail

Versatile hammer-in facade fixing with steel nail recommended for ETICS.

Approvals and Reports

- ETA-17/0592

Installation guide movie

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 facade 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

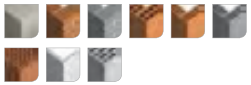
Applications

- 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)



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

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TFIX-8ST Universal facade fixing

The first thermal insulation combination screw fixing that can be countersunk together with the integrated insulation cap

Approvals and Reports

- ETA-11/0144

Installation guide movie

Features and benefits

- Accurate countersunk setting automatically sets the fixing flush with the insulation layer.
- Integrated insulation cap (with unique surface reinforcement) equalizes thermal conductivity over the fixing point, whilst also leveling out drying times of render.
- Unique sleeve compression zone for precision installations.
- Simple countersunk installation in all substrates (A,B,C,D,E).
- The long plastic overmoulding on the TFIX-8ST screw minimises thermal bridging (value 0.001-0,002W/K), contributing to energy-saving benefits
- The shortest embedment depth at the maximum strength parameters.
- Unique design allows for high load-bearing capacities. This reduces the quantity of fixings required per square metre of insulation.

Applications

- External Thermal Insulation Composite Systems (ETICS)
- Polystyrene (EPS) boards
- Mineral wool
- 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)
- 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)

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-8ST-135	8	135	60	100	60	100	100	3200
TFIX-8ST-155	8	155	60	120	80	100	100	3200
TFIX-8ST-195	8	195	60	160	120	100	100	3200
TFIX-8ST-215	8	215	60	180	140	100	100	3200
TFIX-8ST-235	8	235	60	200	160	100	100	3200
TFIX-8ST-255	8	255	60	220	180	100	100	3200
TFIX-8ST-275	8	275	60	240	200	100	100	3200
TFIX-8ST-295	8	295	60	260	220	100	100	3200
TFIX-8ST-335	8	335	60	300	260	100	100	2400
TFIX-8ST-355	8	355	60	320	280	100	100	2400
TFIX-8ST-375	8	375	60	340	300	50	50	1600
TFIX-8ST-395	8	395	60	360	320	50	50	1600
TFIX-8ST-415	8	415	60	380	340	50	50	1600
TFIX-8ST-435	8	435	60	400	360	50	50	1600
TFIX-8ST-455	8	455	60	420	380	50	50	1600

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TFIX-8P Facade fixing with plastic pin

Versatile hammer-in facade fixing with plastic nail recommended for ETICS

Approvals and Reports

- ETA-13/0845

Installation guide movie

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.

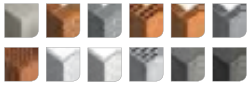
Applications

- 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)



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	8	115	60	60	20	200	200	6000
TFIX-8P-135	8	135	60	80	40	200	200	6400
TFIX-8P-155	8	155	60	100	60	200	200	6400
TFIX-8P-175	8	175	60	120	80	200	200	6000
TFIX-8P-195	8	195	60	140	100	200	200	6400
TFIX-8P-215	8	215	60	160	120	100	100	6400

KI-10 Facade fixing with plastic pin

KI-10 Facade fixing with plastic pin (cont.)

Approvals and Reports

- ETA-07/0291

Features and benefits

- Installation in all substrates (categories A,B,C,D,E).
- The plastic nail reduces heat transmission (value 0.0W/K)
- Plastic nail 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 with additional KWL insulation holding plate, available in 90, 110 and 140mm flange sizes (recommended for soft insulation materials such as mineral wool).
- Optimal product parameters enable cost-saving solutions.

Applications

- External Thermal Insulation Composite Systems (ETICS)
- Polystyrene boards
- Mineral wool
- Light wood wool building boards
- Polyurethane boards
- Wood fibre boards
- Lightweight recycled panels

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 Sand-lime Brick (Use category C)
- Vertically-perforated clay block (Use category C)
- Hollow Lightweight Concrete Block (Use category C)
- Lightweight Concrete Block (Use category C)
- Reinforced components of lightweight aggregate concrete (Use category D)
- Aerated Concrete Block (Use category E)

Index	Fixing			Fixture	Quantity		
	Diameter	Length	Plate diameter	Recommended thickness	Box	Outer	Pallet
	mm	mm	mm	t_{fix} B, C, D, E mm	pcs	pcs	pcs
R-KI-070	10	70	60	35	250	250	14000
R-KI-090	10	90	60	55	250	250	14000
R-KI-120	10	120	60	85	250	250	12000
R-KI-140	10	140	60	105	250	250	10000
R-KI-160	10	160	60	125	250	250	10000
R-KI-180	10	180	60	145	250	250	7500
R-KI-200	10	200	60	165	250	250	7500
R-KI-220	10	220	60	185	250	250	7500

MBA/MBA-SS facade fixing

Fire-resistant metal insulation fixing

Version:

- MBA - Steel
- MBA-SS - Stainless steel

Approvals and Reports

- KOT-2018/0721

Installation guide movie

Features and benefits

- Metal facade fixing, recommended for use when fire resistance (F120) is a requirement
- 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)

MBA/MBA-SS facade fixing (cont.)

Rawlplug code	Fixing			Fixture Max. thickness	Quantity		
	Diameter	Length	Plate diameter		Box	Outer	Pallet
	mm	mm	mm		pcs	pcs	pcs
MBA Steel facade 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 facade 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

MKC/MKC-SS Washers

Metal washer for use in combination with metal facade fixings from MBA range

Version:

- MKC - Steel
- MKC-SS - Stainless steel

Approvals and Reports

- KOT-2018/0721

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

- Polystyrene (EPS) boards
- Polyurethane (PU) boards
- Mineral wool
- Light wood wool boards
- Cork boards

Rawlplug code	Diameter	Inside 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 Tubed insulation washer (cont.)

Approvals and Reports

- ETA-13/0845

Installation guide movie

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

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

R-KC Insulation Washers

Insulation washer with integral cap suitable for attachment of insulation layers to wooden and sheet metal substrates

Approvals and Reports

- KOT-2017-0345

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.

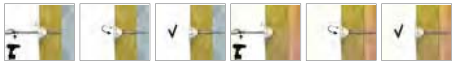
Applications

- External Thermal Insulation Composite Systems (ETICS)
- Polystyrene (EPS) boards
- Mineral wool
- Polyurethane (PU) boards

Base materials

Approved for use in:

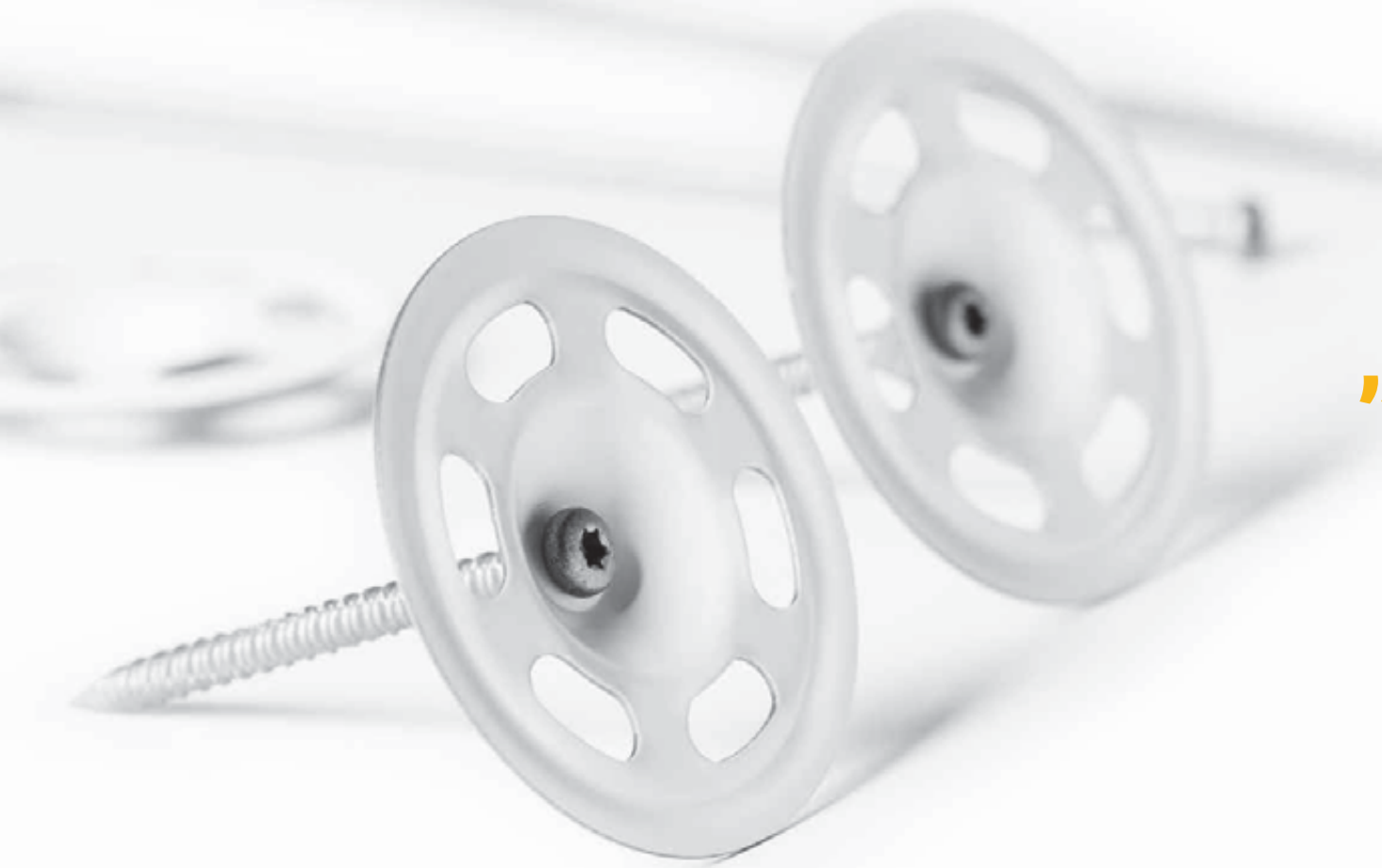
- Metal Sheet & Profiles
- Wood



Rawlplug code	Quantity		
	Box	Outer	Pallet
	pcs	pcs	pcs
R-KC	200	200	22 400

R-DB

Fastest fastening of ceiling and acoustic insulation boards



SIMPLICITY

The R-DB washer together with the R-WBT-ZN screw allows simple and trouble-free installation of insulation and acoustic panels for concrete ceilings. Both in cracked and non-cracked concrete.

SPEED

Short anchoring depths facilitate quick installation. Just drill a 5mm hole with a depth of 30mm and screw it in. Special tools are not required, the screw has a standard TORX T25 socket. No need to glue board to the ceiling.

PRECISION

The self-threading R-WBT-ZN screw allows precise tightening. The contractor no longer has to worry about accuracy. The screw allows correction of the tightening, which makes it possible to correct the unevenness of the substrates.

HARDINESS

Besides surface-hardened thread, R-WBT has been upgraded with a corrosion-resistant zinc-flake coating. This guarantees durability and trouble-free use.

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R-DB

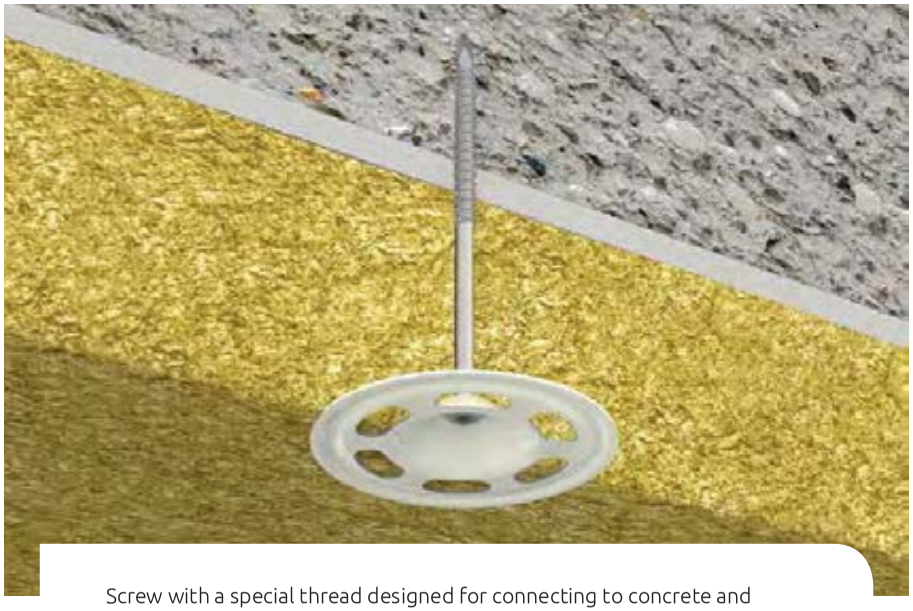
CEILING SCREW-IN SOLUTION WITH WASHER

Simplicity, speed of installation and high parameters matter wherever time is important. It should be remembered that it is a very clean installation that does not require gluing boards. Rawlplug R-DB washer with R-WBT screw is the best choice for fast and clean applications.

Z-21.8-2077

FEATURES AND BENEFITS

- Round washer made of galvanized and painted sheet guarantees very high corrosion resistance.
- Standard Torx T25 bit.
- No need for board gluing to the ceiling.
- Plate diameter 70 mm.
- Fixing length range of 50 - 300 mm enables installation insulators up to 26 cm.
- Corrosion resistance classification: C1 - C3.
- Reaction to fire: class A - non-flammable products.
- Sculpted shape allows for trouble-free installation.
- Minimised to 25 mm anchoring depth.
- Surface-hardened thread. High quality anti-corrosion coating guarantees resistance of 15 Kesternich cycles.
- Drilling diameter 5 mm.



Screw with a special thread designed for connecting to concrete and wood. Its construction, secured and hardened surface guarantees easy and quick installation as well as many years of trouble-free use. Just drill a pilot hole with a depth of 3 cm and screw in.

APPLICATIONS

- Ceiling thermal insulation
- Ceiling acoustic insulation
- Insulation board fixings
- Facade insulation fixings

Product card

SUBSTRATE MATERIAL

- Cracked concrete
- Non-cracked concrete

R-DB Ceiling screw-in solution with washer

Screw-in system for fastening ceiling and acoustic insulation boards

Approvals and Reports

- Z-21.8-2077

Features and benefits

- 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.
- Special zinc 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

Rawlplug code	Fixing	Hole diameter [mm]	Thickness [mm]	Quantity [pcs]		
	Plate diameter [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

Size	Rawlplug code	Fixing	Quantity	
		Lenght	Box	Outer
		mm	pcs	pcs
Ø6.1	R-WBT-61075	75	100	1600
	R-WBT-61090	90	100	1600
	R-WBT-61100	100	100	1600
	R-WBT-61120	120	100	1200
	R-WBT-61140	140	100	1200
	R-WBT-61160	160	100	1200
	R-WBT-61180	180	100	100
	R-WBT-61200	200	100	800
	R-WBT-61220	220	100	100
	R-WBT-61240	240	100	100
	R-WBT-61260	260	100	800
	R-WBT-61300	300	100	500

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R-KWL Insulation retaining plate

Approvals and Reports

- ETA 17/0161

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 scenarios.

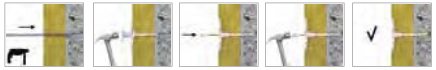
Applications

- 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



Rawlplug code	Fixing			Quantity		
	Screw diameter	Length	Plate diameter	Box	Outer	Pallet
	[mm]	[mm]	[mm]	[pcs]	[pcs]	[pcs]
R-KWL-090	90	15	60	200	200	11200
R-KWL-110	110	15	60	200	200	3200
R-KWL-140	140	15	60	200	200	2400

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R-KWX Insulation retaining plate with perforator

Joining retaining plate with perforator for countersunk installation in mineral wool insulation boards

Approvals and Reports

- ETA 17/0161

Installation guide movie

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

Rawlplug code	Fixing		Quantity		
	Plate diameter [mm]	Length [mm]	Box [pcs]	Outer [pcs]	Pallet [pcs]
R-KWX-63	63.5	16.5	100	100	5600
R-KWX-110	110	13.7	100	100	2400

R-TFIX-TOOL-CS Setting tool

TX40 Setting tool with integrated disc and perforator for countersunk installation of screw-in fixing R-TFIX-8SX

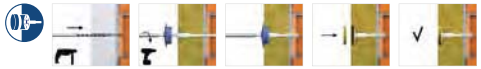
Features and benefits

- 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
- Integrated disc and perforator 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.
- Torx-40 bit type

Applications

- External Thermal Insulation Composite Systems (ETICS)
- Polystyrene (EPS) boards
- Mineral wool (MW) boards

Installation guide movie



Rawlplug code	Size		Quantity		
	Diameter [mm]	Length [mm]	Box [pcs]	Outer [pcs]	Pallet [pcs]
R-TFIX-TOOL-CS	63	38	1	12	288

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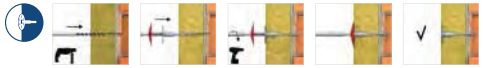
R-TFIX-TOOL-RED Setting tool

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
- Torx-40 bit type

Installation guide movie



Rawlplug code	Size		Quantity		
	Diameter [mm]	Embedment depth [mm]	Box [pcs]	Outer [pcs]	Pallet [pcs]
R-TFIX-TOOL-RED	90	8	1	16	384

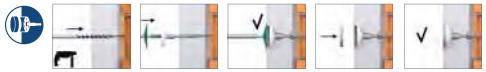
R-TFIX-TOOL-GREEN Setting tool

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
- Torx-40 bit typ

Installation guide movie



Rawlplug code	Size		Quantity		
	Diameter [mm]	Embedment depth [mm]	Box [pcs]	Outer [pcs]	Pallet [pcs]
R-TFIX-TOOL-GREEN	90	18	1	16	384

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R-TFIX-TOOL-GREY Setting tool

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

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
- Torx-40 bit type

Installation guide movie

Rawlplug code	Size		Quantity		
	Diameter	Embedment depth	Box	Outer	Pallet
	[mm]	[mm]	[pcs]	[pcs]	[pcs]
R-TFIX-TOOL-GREY	90	35	1	16	384

R-TFIX-TOOL-BLACK Setting tool

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
- Torx-40 bit type

Installation guide movie

Rawlplug code	Size		Quantity		
	Diameter	Length	Box	Outer	Pallet
	[mm]	[mm]	[pcs]	[pcs]	[pcs]
R-TFIX-TOOL-BLACK	90	45	1	16	384

TFIX-8ST-TOOL Setting tool

Accessory for installation of screw fixing TFIX-8ST with T40 bit

Features and benefits

- Integrated disc facilitates optimum TFIX-8S installation, setting the flange flush with the surface of the insulation
- User-friendly - enables fast and easy installation
- Torx-40 bit type

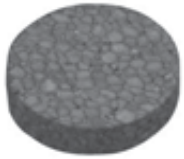
Installation guide movie

Rawlplug code	Size		Quantity		
	Diameter	Length	Box	Outer	Pallet
	[mm]	[mm]	[pcs]	[pcs]	[pcs]
TFIX-8ST-TOOL	80	15	1	16	384

Insulation caps R-TFIX-CAP-EPS R-TFIX-8S-MW

Post-installed polystyrene cap reduces heat transmission and results in a homogenous insulation surface

White Polystyrene



Grey Polystyrene

Mineral Wool

Approvals and Reports

- ETA-17/0161

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

Rawlplug code	Material	Size		Quantity		
		Diameter	Embedment depth	Box	Outer	Pallet
		[mm]	[mm]	[pcs]	[pcs]	[pcs]
R-TFIX-CAP63-EPS-G	polystyrene (grey)	63	10	100	100	4800
R-TFIX-CAP63-EPS-W	polystyrene (white)	63	10	100	100	4800
R-TFIX-CAP63-MW	mineral wool	63	10	100	100	4800

Insulation caps R-TFIX-CAP15-EPS

Post-installed polystyrene cap reduces heat transmission.

R-TFIX-8S-SX

Approvals and Reports

- ETA-17/0161

Features and benefits

- Post-installed cap reduces heat transmission at fixing points

Applications

- Façade construction (ETICS)
- Polystyrene boards
- Mineral wool (MW) boards
- Polyurethane boards

Rawlplug code	Material	Size		Quantity		
		Diameter	Embedment depth	Box	Outer	Pallet
		[mm]	[mm]	[pcs]	[pcs]	[pcs]
R-TFIX-CAP15-EPS-G	polystyrene (grey)	15	10	100	100	4800
R-TFIX-CAP15-EPS-W	polystyrene (white)	15	10	100	100	4800

R-ISO-PLUG Insulation fixings

For fastening lightweight fixtures on insulated facades

ISO-PLUG 50

ISO-PLUG 80

Installation guide movie

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

Index	Plug	Quantity		
	Length	Box	Outer	Pallet
	mm	pcs	pcs	pcs
R-ISO-PLUG-50	55	50	600	14400
R-ISO-PLUG-80	85	40	300	7680

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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

Index	Plug	Lenght	Diameter	Quantity		
	Length			Box	Outer	Pallet
	mm	mm	mm	pcs	pcs	pcs
FTF-029-BLACK-PA	18	29	7.5	1000	1000	64000
FTF-PA	18	29	7.5	1000	1000	64000

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RT-SDSA Drill bits Aggressor SDS plus

Drill bits SDS plus for fast drilling in concrete

Certificate

Features and benefits

- Centring 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

Rawlplug code	Drill diameter	Length	Working length	Quantity	Inner box weight
	[mm]	[mm]	[mm]	[pcs]	kg
RT-SDSA-4/110	4	110	50	1	0.04
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-5/460	5	460	400	1	0.08
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
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-6/460	6	460	400	1	0.09
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
RT-SDSA-7/110	7	110	50	1	0.04
RT-SDSA-7/160	7	160	100	1	0.05
RT-SDSA-8/110	8	110	50	1	0.04
RT-SDSA-8/160	8	160	100	1	0.06
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-8/310	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

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RT-SDSA Drill bits Aggressor SDS plus (cont.)

Rawlplug code	Drill diameter	Length	Working length	Quantity	Inner box weight
	[mm]	[mm]	[mm]	[pcs]	kg
RT-SDSA-8/1000	8	1000	940	1	0.27
RT-SDSA-9/160	9	160	100	1	0.07
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
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-10/410	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
RT-SDSA-11/260	11	260	200	1	0.12
RT-SDSA-11/310	11	310	250	1	0.15
RT-SDSA-11/410	11	410	350	1	0.19
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
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
RT-SDSA-15/160	15	160	100	1	0.14
RT-SDSA-15/210	15	210	150	1	0.17
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-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
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	0.41
RT-SDSA-18/610	18	610	550	1	0.68
RT-SDSA-18/1000	18	1000	940	1	1.11
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-22/310	22	310	250	1	0.44
RT-SDSA-22/460	22	460	400	1	0.64
RT-SDSA-24/310	24	310	250	1	0.49
RT-SDSA-24/460	24	460	400	1	0.74
RT-SDSA-25/310	25	310	250	1	0.96
RT-SDSA-25/460	25	460	400	1	0.96
RT-SDSA-26/460	26	460	400	1	0.87
RT-SDSA-30/460	30	460	400	1	1.10

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RT-SDSR Drill bits Rebardrill SDS plus

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
- Centring 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

Rawlplug code	Drill diameter	Length	Working length	Quantity	Inner box weight
	[mm]	[mm]	[mm]	[pcs]	kg
RT-SDSR-5/160	5	160	100	1	0.04
RT-SDSR-5/160B12	5	160	100	12	0.48
RT-SDSR-5/310B12	5	310	250	12	0.65
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-7/160	7	160	100	1	0.05
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-8/460	8	460	400	1	0.13
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-10/460	10	460	400	1	0.30
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
RT-SDSR-14/210	14	210	150	1	0.14
RT-SDSR-14/260	14	260	200	1	0.16

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RT-SDSR Drill bits Rebardrill SDS plus (cont.)

Rawlplug code	Drill diameter	Length	Working length	Quantity	Inner box weight
	[mm]	[mm]	[mm]	[pcs]	kg
RT-SDSR-14/310	14	310	250	1	0.19
RT-SDSR-14/460	14	460	400	1	0.28
RT-SDSR-15/160	15	160	100	1	0.13
RT-SDSR-15/210	15	210	150	1	0.16
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
RT-SDSR-18/210	18	210	150	1	0.22
RT-SDSR-18/310	18	310	250	1	0.26
RT-SDSR-20/310	20	310	250	1	0.32
RT-SDSR-20/460	20	460	400	1	0.55

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
- Suitable for operation with SDS plus hammer drill

Rawlplug code	Drill diameter	Length	Working length	Quantity	Inner box weight
	[mm]	[mm]	[mm]	[pcs]	kg
RT-SDSB-6/260	6	260	200	1	0.07
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
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-12/260	12	260	200	1	0.17
RT-SDSB-15/260	15	260	200	1	0.25
RT-SDSB-16/260	16	260	200	1	0.25

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RT-BIT-TORX T type screwdriver bits

T type screwdriver bits with precision milled head

Features and benefits

- Special steel S2
- 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
- Anticorrosion coating, blue colour, prevents rust

Applications

- Screwdriving of T type screws for wood, metal and concrete

Rawlplug code	Size	Length	Quantity in rawlite/blister	Quantity	Inner box weight
		[mm]	[pcs]	[pcs]	kg
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-TORX20/25	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-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-PH2 Phillips/RT-BIT-TORX25 T25 long screwdriver bits

Special long screwdriver bits designed for roof fixings applications

RT-BIT-PH2 Phillips

RT-BIT-TORX25 T25

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
- Anticorrosion 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

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RT-BIT-PH2 Phillips/RT-BIT-TORX25 T25 long screwdriver bits (cont.)

Rawlplug code	Size	Length	Quantity	Inner box weight
		[mm]	[pcs]	kg
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

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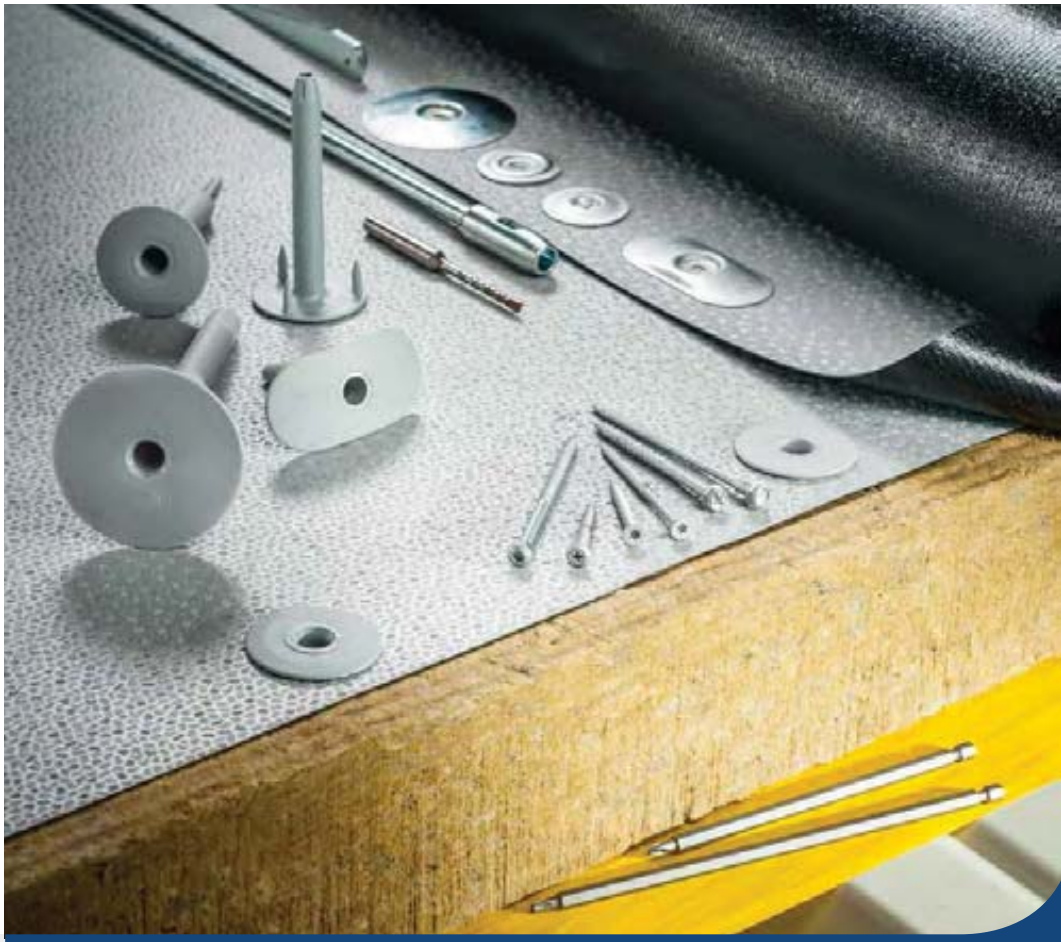
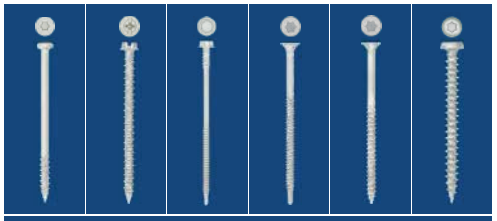


RAWLPLUG®

100 YEARS OF EXPERTISE
IN FIXINGS, FASTENERS AND TOOLS

Roofing Insulation Fixings

Fixing Range



		ROOFING SCREWS:					
		R-WBT	R-WCS	R-WB	R-WX	R-WO	R-WW
TELESCOPIC TUBES & WASHERS	GOK	✓	-	-	✓	✓	✓
	GOK-PLUS	✓	-	-	✓	✓	✓
	R-POK-040-ALZN, R-POK-041-ALZN, R-POK-06-ALZN	✓	✓	-	✓	✓	✓
	R-POW-05-ALZN	✓	-	✓	✓	✓	✓
	R-POW-07-ALZN	✓	✓	-	✓	✓	✓
SIZE	SCREW LENGTH [mm]	50-300	28-230	100-220	50-300	60-300	35-120
	SCREW THREAD DIAMETER [mm]	6.1	6.3	4.8	4.8	4.8	5.0
	TELESCOPIC RANGE [mm]	15-725	-	-	15-725	15-725	15-725
BASE MATERIALS	CONCRETE	✓	✓	-	-	WO +K08L	-
	THIN-WALLED CONCRETE SLABS	✓	✓	-	-	-	-
	STEEL	-	-	✓	✓	✓	-
	TIMBER	✓	-	-	-	✓	✓
	ORIENTED STRAND BOARD	✓	-	-	-	✓	✓
	PLYWOOD	✓	-	-	-	✓	✓
APPROVALS	ETA, CE	✓	✓	✓	✓	✓	✓
		✓	✓	✓	✓	✓	-

GOK Telescopic sleeve with round plate

Telescopic sleeve for flat roof insulation fixings. Combined together with the corresponding screw allows application in all types of substrates.

Approvals and Reports

- ETA-09/0346
- AT-15-7476/2012
- AT-15-7476/2012 - ANNEX No 1

Installation guide movie

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

Index	Plastic sleeve		Quantity		Discount Group
	Diameter	Length	Box	Outer	
	mm	mm	pcs	pcs	
R-GOK-015	15,5	15	1100	1100	B-FL-A01
R-GOK-035	15,5	35	600	600	B-FL-A01
R-GOK-065	15,5	65	400	400	B-FL-A01
R-GOK-075	15,5	75	300	300	B-FL-A01
R-GOK-085	15,5	85	300	300	B-FL-A01
R-GOK-095	15,5	95	250	250	B-FL-A01
R-GOK-105	15,5	105	250	250	B-FL-A01
R-GOK-125	15,5	125	200	200	B-FL-A01
R-GOK-135	15,5	135	200	200	B-FL-A01
R-GOK-165	15,5	165	150	150	B-FL-A01
R-GOK-185	15,5	185	100	100	B-FL-A01
R-GOK-225	15,5	225	100	100	B-FL-A01
R-GOK-255	15,5	255	75	75	B-FL-A01
R-GOK-285	15,5	285	75	75	B-FL-A01
R-GOK-325	15,5	325	50	50	B-FL-A01
R-GOK-385	15,5	385	50	50	B-FL-A01
R-GOK-425	15,5	425	50	50	B-FL-A01

GOK-PLUS Telescopic sleeve with additional fixing features

Telescopic sleeve with additonal fixing features for fastening of synthetic membranes in the overlap with maximum design load.

Approvals and Reports

- ETA-09/0346
- AT-15-7476/2012 - ANNEX No 1
- AT-15-7476/2012

Installation guide movie

Features and benefits

- Special additional fixing features improve windload to guarantee best parametes of roofing membrane system
- Can be combined with any Rawlplug roofing screws: WBT screws for concrete, WX or WO screws for trapezoidal metal sheet and WW screws for timber.
- Impact-resistant material used ensures constantmechanical properties over the lifetime of a roof. Also, retains its properties over a wide temperature range.
- Internal sleeve design allows pre-assembly with any Rawlplug roofing screw, shortening installation.
- The cone's optimal shape facilitates speed and ease of installation through the thermal insulation.
- Guarantees the highest load capacity of the roof construction for both static and dynamic loads in accordance with ETAG006.
- Best wind loads allows to minimise usage of fixing points per m^2

Applications

- Mechanically fastened flexible roof waterproofing membrane

Base materials

Approved for use in:

- Concrete
- Concrete Slab
- Metal Sheet & Profiles
- Timber
- Plywood
- Chipboard

Rawlplug code	Plastic sleeve		Quantity	
	Diameter	Length	Box	Outer
	mm	mm	pcs	pcs
R-GOK-PLUS-015	15,5	15	1100	1100
R-GOK-PLUS-035	15,5	35	600	600
R-GOK-PLUS-065	15,5	65	400	400
R-GOK-PLUS-075	15,5	75	300	300
R-GOK-PLUS-085	15,5	85	300	300
R-GOK-PLUS-095	15,5	95	250	250
R-GOK-PLUS-105	15,5	105	250	250
R-GOK-PLUS-125	15,5	125	200	200
R-GOK-PLUS-135	15,5	135	200	200
R-GOK-PLUS-165	15,5	165	150	150
R-GOK-PLUS-185	15,5	185	100	100
R-GOK-PLUS-225	15,5	225	100	100
R-GOK-PLUS-255	15,5	255	75	75
R-GOK-PLUS-285	15,5	285	75	75
R-GOK-PLUS-325	15,5	325	50	50
R-GOK-PLUS-385	15,5	385	50	50
R-GOK-PLUS-425	15,5	425	50	50

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GOK 75

Telescopic nylon sleeve for fastening of thermal insulation boards or base layer.

Approvals and Reports

- ETA-09/0346

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 cone's optimal shape facilitates speed and ease of installation through the thermal insulation.
- 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

Rawlplug code	Plastic sleeve			Quantity	
	Diameter	Length	Plate diameter	Box	Outer
	mm	mm	mm	pcs	pcs
R-GOK75-015	15.5	15	75	1100	1100
R-GOK75-035	15.5	35	75	600	600
R-GOK75-065	15.5	65	75	400	400
R-GOK75-075	15.5	75	75	300	300
R-GOK75-085	15.5	85	75	300	300
R-GOK75-095	15.5	95	75	250	250
R-GOK75-105	15.5	105	75	250	250
R-GOK75-125	15.5	125	75	200	200
R-GOK75-135	15.5	135	75	200	200
R-GOK75-165	15.5	165	75	150	150
R-GOK75-185	15.5	185	75	100	100
R-GOK75-225	15.5	225	75	100	100

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.

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WBT Screw for concrete (cont.)

Approvals and Reports
- ETA-09/0346
- AT-15-9561/2016
- KOT-2017-0158

Installation guide movie

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

Rawlplug code	Screw		Quantity	
	Diameter	Length	Box	Outer
	mm	mm	pcs	pcs
R-WBT-61050	50	6,1	100	1600
R-WBT-61075	75	6,1	100	1600
R-WBT-61090	90	6,1	100	1600
R-WBT-61100	100	6,1	100	1200
R-WBT-61120	120	6,1	100	1200
R-WBT-61140	140	6,1	100	1200
R-WBT-61160	160	6,1	100	100
R-WBT-61180	180	6,1	100	800
R-WBT-61200	200	6,1	100	100
R-WBT-61220	220	6,1	100	100
R-WBT-61240	240	6,1	100	800
R-WBT-61260	260	6,1	100	500
R-WBT-61300	300	6,1	100	500

WCS Screw for concrete

Screw for concrete substrates, HEX head. Specially designed thread for fastening to concrete.

Approvals and Reports
- ETA-09/0346
- AT-15-9561/2016

Installation guide movie

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 facades

Base materials
Approved for use in:
- Concrete
- Concrete Slab

WCS Screw for concrete (cont.)

Rawlplug code	Screw		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-63045	6,3	45	200	3200
R-WCS-63080	6,3	80	100	1600
R-WCS-63100	6,3	100	100	1600
R-WCS-63130	6,3	130	100	1200
R-WCS-63150	6,3	150	100	1200
R-WCS-63180	6,3	180	100	1200
R-WCS-63230	6,3	230	100	100

R-WB Self-drilling screws for steel

Double-threaded screw for trapezoidal steel sheet – max thickness of 2 x 1.25mm

Approvals and Reports
- ETA-09/0346
- KOT-2017-0158

Installation guide movie

Features and benefits
- Hardened thread surface
- High quality anti-corrosion coating guarantees resistance of 15 Kesternich cycles.
- The shape and type of thread is designed specifically for 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.
- Two types of threads: one designed for mounting into construction, second under head thread, prevents external panel dents and helps to seal the connection

Applications
- Installing insulation layers on flat roofs in conjunction with steel washer, which remains stable thanks to the double thread.

Base materials
Approved for use in:
- Metal Sheet & Profiles
- Structural Steel

Rawlplug code	Screw		Quantity	
	Diameter	Length	Box	Outer
	mm	mm	pcs	pcs
R-WB-48100	4,8	100	100	1200
R-WB-48120	4,8	120	100	1200
R-WB-48140	4,8	140	100	1200
R-WB-48160	4,8	160	100	1200
R-WB-48170	4,8	170	100	1200
R-WB-48180	4,8	180	100	1200
R-WB-48200	4,8	200	100	1200
R-WB-48220	4,8	220	100	1200

R-WX-T Self-drilling screws for steel

Screw for trapezoidal steel sheet – max thickness of 2 x 1.25mm, TORX25 drive

Approvals and Reports

- ETA-09/0346
- KOT-2017-0158

Installation guide movie

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

Indeks	Łącznik		Ilość	
	Średnica	Długość	Opakowanie jednostkowe	Opakowanie zbiorcze
	mm	mm	szt	szt
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

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R-WO-T Screws for steel

Screw for trapezoidal steel sheet substrate; max thickness of 0.9mm, TORX25 drive

Approvals and Reports

- ETA-09/0346
- KOT-2017-0158

Installation guide movie

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

Rawlplug code	Screw		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

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R-WW-T Screws for timber

Shape and type of the thread specially designed for fixing to wood, TORX25 drive

Approvals and Reports

- ETA-09/0346

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

Installation guide movie

Index	Screw		Quantity	
	Diameter	Length	Box	Outer
	mm	mm	pcs	pcs
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-WW-5T120	5.0	120	100	1600

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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

Approvals and Reports

- ETA-09/0346
- KOT-2017-015

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

Rawlplug code TX25	Klasa środowiskowa	Aluminum washer			Quantity		
		Hole diameter	Plate diameter	Width	Box	Outer	Pallet
		mm	mm	mm	pcs	pcs	pcs
R-POK-040-ALZN	C4	2,5	40	1000	1000	1000	54000
R-POK-041-ALZN	C4	7	40	100	1300	1300	18000
R-POK-06-ALZN	C2	7	75	100	100	100	18000

POW-05, POW-07 Oval steel washers

Podkładka stalowa o wyprofilowanym kształcie do stosowania w aplikacjach dachów płaskich ze wszystkimi typami wkrętów

R-POW-05-ALZN

R-POW-07-ALZN

Approvals and Reports

- ETA-09/0346
- KOT-2017-015

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
- Concrete Slab

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

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PKW-07 Square Steel Washer 64mm

Steel washer with special form for roofing applications, for use with all types of roofing screws

Features and benefits

- Square washer made of aluminum and zinc sheet, which ensures a very high resistance against corrosion. Its sculpted shape allows for trouble-free installation using a dedicated rigid mounting screws for hard roof insulation.

Applications

- Mechanically fastened flexible roof waterproofing membrane

Base materials

Approved for use in:

- Metal Sheet & Profiles
- Timber
- Chipboard
- Plywood
- Concrete
- Concrete Slab

Rawlplug code	Aluminum washer			Quantity		
	Hole diameter	Length	Width	Box	Outer	Pallet
	mm	mm	mm	pcs	pcs	pcs
R-PKW-07	7	40	40	100	100	-

RT-BIT-PH2 Phillips/RT-BIT-TORX25 T25 long screwdriver bits

Special long screwdriver bits designed for roof fixings applications

RT-BIT-PH2 Phillips

RT-BIT-TORX25 T25

Features and benefits

- Hard wearing for longer life, special steel S2
- Head tip subjected to additional heat treatment, increasing hardness to 63 HRC
- Precision milled head tip allows for precise fitting into the screw socket
- Anticorrosion coating with a satin finish enhances resistance to rust

Applications

- Installations of flat roof fixings

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RT-BIT-PH2 Phillips/RT-BIT-TORX25 T25 long screwdriver bits (cont.)

Rawlplug code	Size	Length	Quantity	Box weight	Outer weight
		[mm]	[pcs]	kg	kg
RT-BIT-PH2 Phillips					
RT-BIT-PH2/100	PH2	100	1	0.20	2.40
RT-BIT-PH2/150	PH2	150	1	0.20	2.40
RT-BIT-PH2/200	PH2	200	1	2.40	48.00
RT-BIT-PH2/250	PH2	250	1	2.40	48.00
RT-BIT-PH2/350	PH2	350	1	0.20	2.40
RT-BIT-PH2/450	PH2	450	1	0.20	2.40
RT-BIT-TORX25 T25					
RT-BIT-TORX25/100	T25	100	1	2.40	96.00
RT-BIT-TORX25/150	T25	150	1	2.40	48.00
RT-BIT-TORX25/200	T25	200	1	2.40	48.00
RT-BIT-TORX25/250	T25	250	1	0.20	2.40
RT-BIT-TORX25/350	T25	350	1	2.40	2.40
RT-BIT-TORX25/450	T25	450	1	0.20	2.40

RT-ADAP Expanders SDS plus Roof System

Special SDS plus adapters for tapered Roof System drill bits

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 facade and roofing mounting
- Suitable for operation with SDS plus hammer drill

Rawlplug code	Length	Quantity	Box weight	Outer weight
	[mm]	[pcs]	kg	kg
RT-ADAP-500	500	1	0.42	0.42
RT-ADAP-800	800	1	0.62	6.20
RT-ADAP-1000	1000	1	0.98	9.80

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

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RT-TD Drill bits Roof System

Special tapered drill bits for flat roof fixings

Features and benefits

- Centring 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 facade and roofing mounting
- Suitable for operation with the RoofSystem adapter

Rawlplug code	Drill diameter	Length	Working length	Quantity	Box weight	Outer weight
	[mm]	[mm]	[mm]	[pcs]	kg	kg
RT-TD-50-110	5	110	50	1	0.04	0.04
RT-TD-50-160	5	160	100	1	0.05	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 facade and roofing mounting
- Suitable for operation with the RoofSystem adapter

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

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RT-TDC Drill bits Roof System with collar

Special tapered drill bits with limiter for flat roof fixings

Features and benefits

- Centring 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 facade and roofing mounting
- Suitable for operation with the RoofSystem adapter

Rawlplug code	Drill diameter	Length	Working length	Quantity	Inner box weight
	[mm]	[mm]	[mm]	[pcs]	kg
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 Drill bits Aggressor SDS plus

Drill bits SDS plus for fast drilling in concrete

Certificate

Features and benefits

- Centring 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

Rawlplug code	Drill diameter	Length	Working length	Quantity	Inner box weight
	[mm]	[mm]	[mm]	[pcs]	kg
RT-SDSA-4/110	4	110	50	1	0.04
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-5/460	5	460	400	1	0.08

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RT-SDSR Drill bits Rebardrill SDS plus

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
- Centring 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

Rawlplug code	Drill diameter	Length	Working length	Quantity	Inner box weight
	[mm]	[mm]	[mm]	[pcs]	kg
RT-SDSR-5/160	5	160	100	1	0.04
RT-SDSR-5/160B12	5	160	100	12	0.48
RT-SDSR-5/310B12	5	310	250	12	0.65

ROOFIX Design Software

At RAWLPLUG we have used our extensive knowledge and experience to develop a powerful calculation tool for the convenience of our clients. Our „ROOFIX" design software allows the user to quickly and easily determine the type of fixings and the minimum quantity required for their roofing insulation application.

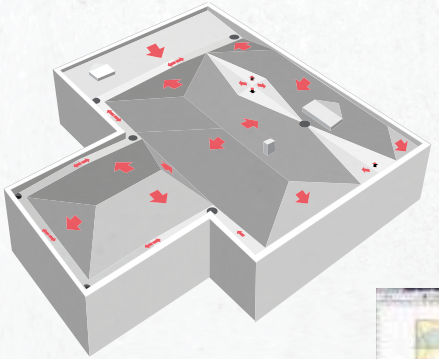
The programme is able to factor in many key parameters of the structure:

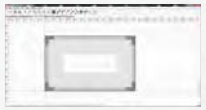
- Dimensions of the roof
- The base material
- The dimensions of the roofing system (e.g. insulating layers)

As well as geographical factors such as:

- Location
- Altitude
- Localised wind speeds

The following page gives a preview of the software and its intuitive user interface. If you would like to utilise this powerful tool on your project, contact us and our technical team will be happy to help.





Fixing selection according to insulation thickness

	STEEL		CONCRETE		TIMBER/WOOD
	h_{nom} = 0.9 - 2.5mm	h_{nom} = 0.7 - 0.9mm	Self-tapping screws	With expansion plug	Self-tapping screws
[mm]	Index	Index	Index	Index	Index
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-075+R-WBT-61075	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-095+R-WBT-61075	R-GOK-105+R-WO-48080+R-K08L40	R-GOK-105+R-WW-5055
140	R-GOK-125+R-WX-48T050	R-GOK-125+R-WO-48T060	R-GOK-105+R-WBT-61090	R-GOK-125+R-WO-48080+R-K08L40	R-GOK-125+R-WW-5055
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
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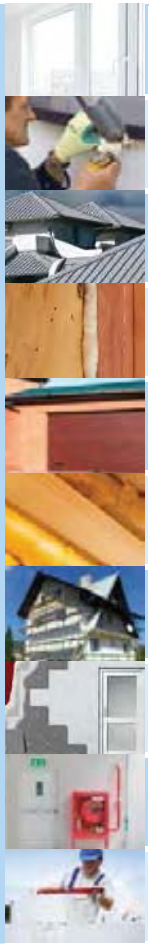
980	R-GOK-725+R-WX-48T300	R-GOK-725+R-WO-48T300	R-GOK-725+R-WBT-61300	-	R-GOK-725+R-WO-48300
990	R-GOK-725+R-WX-48T300	R-GOK-725+R-WO-48T300	-	-	R-GOK-725+R-WO-48300

RAWLPLUG®

100 YEARS OF EXPERTISE
IN FIXINGS, FASTENERS AND TOOLS

Foams

Overview of our range



APPLICATIONS	PRODUCT TYPE	R-RPS	R-RPS-PVC	R-RPP-45	R-RPP-65	R-RPP-PVC	R-RPP-FIX	R-RPP-B1	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	POLYURETHANE MORTAR GUN VERSION
	Installation & sealing of windows & doors	☑	☑	☑	☑	☑	-	☑	-
	Installation and sealing of sills and thresholds	☑	☑	☑	☑	☑	-	☑	-
	Insulation of roofs and flat roofs	☑	☑	☑	☑	☑	☑	☑	-
	Filling gaps and cavities in most building materials	☑	☑	☑	☑	☑	☑	☑	-
	Sealing around garage doors & shutters	☑	☑	☑	☑	☑	-	☑	-
	Filling around pipework and ducting	☑	☑	☑	☑	☑	☑	☑	-
	Thermal insulation and soundproofing	☑	☑	☑	☑	☑	☑	☑	-
	Bonding of insulation for facades and foundations	-	-	-	-	-	☑	-	-
	To meet fire regulations class B1 according to DIN 4102	-	-	-	-	-	-	☑	-
	Bricklaying load-bearing & partition walls	-	-	-	-	-	-	-	☑

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RPS Hand Held Expanding Foam

Self-expanding, single component polyurethane 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

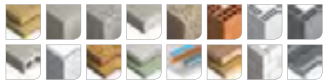
- Ideal for filling, sealing & sound proofing
- Thermal insulation in roof cavities
- Gap filling around plumbing & heating pipework
- Filling any awkward gap or cavity
- Installation of doors & windows

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

Approvals and Reports

- AT-15-9800/2016



Rawlplug code	Quantity [pcs]		
	Box	Outer	Pallet
RPS	12	12	672
RPS-W	12	12	672

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

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

Approvals and Reports

- AT-15-9800/2016

Rawlplug code	Quantity [pcs]		
	Box	Outer	Pallet
RPS-PVC	12	12	672
RPS-PVC-W	12	12	672

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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

Rawlplug code	Quantity [pcs]		
	Box	Outer	Pallet
RPS-500	12	12	672

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

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

Approvals and Reports

- AT-15-9800/2016

Rawlplug code	Quantity [pcs]		
	Box	Outer	Pallet
RPP-45	12	12	672
RPP-45-W	12	12	672

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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

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

Approvals and Reports

- AT-15-9800/2016

Rawlplug code	Quantity [pcs]		
	Box	Outer	Pallet
RPP-65	12	12	672
RPP-65-W	12	12	672

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

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

Approvals and Reports

- AT-15-9800/2016

Rawlplug code	Quantity [pcs]		
	Box	Outer	Pallet
RPP-PVC	12	12	672
RPP-PVC-W	12	12	672

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B1 Fire Resistant Gun PU Foam

Fire Resistant Gun PU foam with EI 120 classification

Features and benefits

- Fire resistance up to 120 min (EI 120)
- 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

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

Applications

- Fire retardant installation of window - and doorframes
- Fire- and smoke retardant sealing of connections between partition walls, ceilings and floors
- Filling of cavities
- All applications where fire retardant characteristics are required such as:
  - sealing of all openings in roof constructions
  - sealing of cable- and pipe penetrations
  - creation of a sound-proof screen
  - bonding of insulation materials
  - application of sound-deadening layers
  - improving thermal insulation in cold store area's

Rawlplug code	Colour	Quantity [pcs]		
		Box	Outer	Pallet
RPP-B1	Pink	12	12	840

R-RPP-FIX

PU adhesive for bonding polystyrene and other insulation materials and decorative substrates

Features and benefits

- One can replaces 25 kg of mortar for ETICS applications - saves time and reduces the insulation weight made compared with traditional methods
- One can is enough to cover 8-12 m² of insulated Surface - highly efficient
- 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

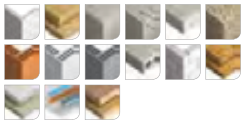
- Bonding insulation boards on facades and foundations
- Suitable for ETICS* systems with mechanical fixings
- Bonding and insulating of wall panels, roofing sheets & tiles
- Sealing gaps between foamed polystyrene
- Sealing cracks in walls
- Filling & sealing expansion joints in thermal insulation
- Can stick to plasterboard

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

Approvals and Reports

- ITB-KOT-2018-0531



Rawlplug code	Quantity [pcs]		
	Box	Outer	Pallet
RPP-FIX	12	12	672

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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

- One can replaces 25 kg of mortar for ETICS applications - saves time and reduces the insulation weight made compared with traditional methods
- One can is enough to cover 8-12 m² of insulated surface - highly efficient
- 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 acoustic bridges

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
- Metal
- Foamed polystyrene

Approvals and Reports

- AT-15-9752/2016

Rawlplug code	Quantity [pcs]		
	Box	Outer	Pallet
RPP-MORTAR	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) beofre 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	Color	Volume [ml]	Quantity [pcs]		
			Box	Outer	Pallet
R-RPC-0500	transparent	500	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	-	-

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Overview of our range

	PRODUCT TYPE	UNIVERSAL SILICONES						
		R-SL-LUS-EN	R-SL-BUD-EN	R-SL-NEU-EN	R-SL-SAN-EN	R-SL-UNI-EN	R-SL-SKL-EN	R-SL-TK-EN
	PRODUCT	Adhesive for Mirrors	Construction Silicone	Neutral Silicone	Sanitary Silicone	Universal Silicone	Glazing Silicone	High Temperature Silicone
APPLICATIONS	Filling expansion joints	-	☑	☑	-	☑	-	-
	Sealing windows & doors	-	☑	☑	-	☑	-	-
	Sealing of prefabricated construction elements	-	☑	☑	☑	☑	☑	-
	Sealing metal containers & tanks	-	☑	☑	-	-	-	-
	Connections between different metals	-	☑	☑	-	-	☑	-
	Glazing all windows	-	-	☑	-	☑	☑	-
	Sealing in bathrooms & kitchens	-	☑	☑	☑	☑	☑	-
	Sealing in marine & swimming pool applications	-	-	-	☑	-	-	-
	Sealing connections between treated and wood glass	☑	☑	☑	-	-	-	-
	Fixing mirrors	☑	-	-	-	-	-	-
	High temperature applications	-	-	-	-	-	-	☑
	Connection of corrugated and trapezoidal steel sheets	-	☑	☑	-	-	-	-
	Flexible connections in vibrating structures	-	-	☑	-	-	-	-

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Overview of our range

	PRODUCT TYPE		R-SL-DEK-SPE-EN	R-SL-MAGK-EN	R-SL-MA-FAST-EN
		PRODUCT	Specialized Resin Roof Sealant	Acrylic Sealant For Plaster-board	Light Fast Acrylic
APPLICATIONS		Filling expansion joints	-	-	-
		Sealing windows & doors	-	☑	☑
		Sealing of prefabricated construction elements	-	☑	☑
		Sealing metal containers & tanks	-	☑	☑
		Connections between different metals	-	-	-
		Sealing connections between treated and wood glass	-	☑	☑
		Filling expansion joints & gaps in plasterboard	-	☑	☑
		Roofing applications	☑	-	-
		Bituminous roof repairs	☑	-	-
		Connection of corrugated and trapezoidal steel sheets	☑	☑	☑
		Immediate repair of damaged leaking elements (e.g.. during heavy rainfall)	☑	-	-
		Flexible connections in vibrating structures	-	-	-
		Bonding of window sills, thresholds, ce-ilings, stone, ceramic tiles and decorative elements	-	-	-

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R-SL-BUD Construction Silicone

Single component neutral cure silicone

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)

Base materials

- Glass
- Metal Sheet & Profiles
- Stainless Steel
- Glaze
- Masonry
- Concrete
- Aerated Concrete Block

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

Rawlplug code	Colour	Quantity [pcs]		
		Box	Outer	Pallet
R-SL-BUD-01	transparent	15	15	1260
R-SL-BUD-02	white	15	15	1260
R-SL-BUD-03	grey	15	15	1260
R-SL-BUD-04	brown	15	15	1260
R-SL-BUD-07	black	15	15	1260

R-SL-SAN Sanitary Silicone

Sanitary silicone – One-component, elastic sealant with acetate curing system

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)

Base materials

- Glass
- Protected metals (aluminium, brass, copper, steel, zinc-plated metal sheet)
- Terracotta
- Ceramics
- Glaze
- Protected wood
- Sanitary ceramics

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.

Rawlplug code	Colour	Quantity [pcs]		
		Box	Outer	Pallet
R-SL-SAN-01	transparent	15	15	1260
R-SL-SAN-02	white	15	15	1260
R-SL-SAN-03	grey	15	15	1260
R-SL-SAN-04	brown	15	15	1260
R-SL-SAN-07	black	15	15	1260

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R-SL-NEU Neutral Silicone

Neutral silicone – one-component elastic sealant with neutral curing system.

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)

Base materials

- Glass
- Metal Sheet & Profiles
- Stainless Steel
- Glaze
- Masonry
- Concrete
- Aerated Concrete Block

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

Rawlplug code	Colour	Quantity [pcs]		
		Box	Outer	Pallet
R-SL-NEU-01	transparent	15	15	1260
R-SL-NEU-02	white	15	15	1260
R-SL-NEU-03	grey	15	15	1260
R-SL-NEU-04	brown	15	15	1260
R-SL-NEU-07	black	15	15	1260

R-SL-UNI Universal Silicone

Universal silicone - One-component, elastic sealant with acetate curing system.

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)

Base materials

- Glass
- Protected metals (aluminium, brass, copper, steel, zinc-plated metal sheet)
- Terracotta
- Ceramics
- Glaze
- Protected wood

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.

Rawlplug code	Colour	Quantity [pcs]		
		Box	Outer	Pallet
R-SL-UNI-01	transparent	15	15	1260
R-SL-UNI-02	white	15	15	1260
R-SL-UNI-03	grey	15	15	1260
R-SL-UNI-04	brown	15	15	1260

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R-SL-SKL Glass Silicone

Glass silicone - One-component, elastic sealant with acetate curing system.

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	Quantity [pcs]		
		Box	Outer	Pallet
R-SL-SKL-01	transparent	15	15	1260
R-SL-SKL-02	white	15	15	1260
R-SL-SKL-04	brown	15	15	1260

R-SL-TK High Temperature Silicone

High-temperature silicone – One-component elastic sealant with acetate curing system.

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	Quantity [pcs]		
		Box	Outer	Pallet
R-SL-TK-05	red	15	15	1260
R-SL-TK-07	black	15	15	1260

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R-SL-LUS Mirrors Adhesive Silicone

Silicone adhesive for mirrors - Solvent-free, colourless adhesive with neutral curing system.

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	Quantity [pcs]		
		Box	Outer	Pallet
R-SL-LUS-01	Bezbarwny	15	15	1260

R-SL-DEK Roof Rubber Silicone

Rubber roofing sealant - Semisolid, elastic sealant for roofing applications.

Features and benefits

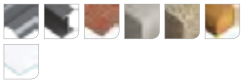
- For the majority of seals in roofing applications.
- Adheres to substrates including: sheet metal, bitumen, concrete, stone, metal, wood, glass and most plastics.
- Can be painted after hardening.
- Resistant to weathering, temperature extremes and UV radiation.

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	Quantity [pcs]		
		Box	Outer	Pallet
R-SL-DEK-01	transparent	15	15	1260
R-SL-DEK-02	white	15	15	1260
R-SL-DEK-04	brown	15	15	1260
R-SL-DEK-06	brick red	15	15	1260
R-SL-DEK-07	black	15	15	1260

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R-SL-MA Acrylic

Acrylic dispersion sealant

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	Quantity [pcs]		
		Box	Outer	Pallet
R-SL-MA-02	white	15	15	1260

R-SL-MAGK Acrylic for Drywall

Flexible acrylic dispersion sealant.

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	Quantity [pcs]		
		Box	Outer	Pallet
R-SL-MAGK-02	white	15	15	1260

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RAWLPLUG®

100 YEARS OF EXPERTISE
IN FIXINGS, FASTENERS AND TOOLS

Screws

Overview of our range

		SCREWS		
		R-TS	R-CS	R-DSX
HEAD	COUNTERSUNK, TX DRIVE	☑	☑	☑
HEAD	WASHER HEAD, TX DRIVE	-	☑	
TECH. DATA	LENGTH [mm]	16-200	80-400	30-120
TECH. DATA	DIAMETER [mm]	3,0/3,5/4,0/5,0/6,0	6,0/8,0/10,0	4,0/5,0
SUBSTRATES	TIMBER	☑	☑	☑
SUBSTRATES	CHIPBOARD	☑	☑	☑
SUBSTRATES	PLYWOOD	☑	☑	☑
SUBSTRATES	EXOTIC WOOD	☑	-	☑
SUBSTRATES	LAMINATE	☑	☑	☑
SUBSTRATES	PVC	☑	-	☑
APPROVALS		PN-EN 14592 + A1:2012	PN-EN 14592 + A1:2012 ETA-17/0023	PN-EN 14592 + A1:2012
STRENGTH (wood C27)	Characteristic perpendicular pull-out resistance $f_{ax,k}$ [N/mm²] for fibers	Ø 3,0	17	-
		Ø 3,5	21,21	-
		Ø 4,0	19,56	-	24.56
		Ø 4,5	-	-	23.21
		Ø 5,0	17,85	-	21.27
		Ø 6,0	26,18	11,59	
		Ø 8,0	-	17,01	
		Ø 10,0	-	22,77	
	Characteristic paralell pull-out resistance $f_{ax,k}$ [N/mm²] for fibers	Ø 3,0	9,48	-	
		Ø 3,5	11,49	-	
		Ø 4,0	9,97	-	15.92
		Ø 4,5	-	-	14
		Ø 5,0	9,9	-	12.66
		Ø 6,0	14,92	6,71	
		Ø 8,0	-	10,05	
		Ø 10,0	-	10,12	
	Characteristic screw-in resistance $R_{tor,k}$ [Nmm]	Ø 3,0	0,37	-	
		Ø 3,5	0,58	-	
		Ø 4,0	1,24	-	
		Ø 4,5			
		Ø 5,0	3,46	-	
		Ø 6,0	1,62	4,36	
		Ø 8,0	-	6,5	
		Ø 10,0	-	15,77	

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R-CS-CS Timber screws with countersunk head

High reliability hardened screws for timber constructions

Approvals and Reports

- ETA-17/0023
- PN-EN 14592 + A1:2012

Cr3+

Installation guide movie

Features and benefits

- Easy to screw-in
- The partial thread on the shaft of the screw allows multiple elements to be clamped together securely without separation
- Notched thread and wax coating for reduced friction
- Crack avoidance
- Power and battery saving application
- Yellow or white zinc plated version
- TX drive guarantees secure transmission of screw-in torque and no pop-out of the bit
- Wide washer head for better pull-through resistance

Applications

- Fastening timber and wood construction elements
- Rafter fastening to the purlins
- Fastening chipboards to wooden elements
- General wood joints
- Pergolas, bowers, sheds

Base materials

Approved for use in:

- Wood
- Timber
- Chipboard
- Plywood
- Laminate

Rawlplug code		Screw size			Head size			Quantity		
		Diameter	Length	Thread length	Head diameter	Head type	Screw drive	Box	Outer	Pallet
Yellow zinc plated Cr3+	White zinc plated Cr3+	mm	mm	mm	mm	mm	mm	pcs	pcs	pcs
R-CS-60080-CS	R-CS-60080-CS-W	6.0	80	50	12	countersunk	T30	100	1200	38 400
R-CS-60100-CS	R-CS-60100-CS-W	6.0	100	50	12	countersunk	T30	100	1200	38 400
R-CS-60120-CS	R-CS-60120-CS-W	6.0	120	75	12	countersunk	T30	100	1200	38 400
R-CS-60140-CS	R-CS-60140-CS-W	6.0	140	75	12	countersunk	T30	100	1200	38 400
R-CS-60160-CS	-	6.0	160	75	12	countersunk	T30	100	1200	38 400
R-CS-60180-CS	-	6.0	180	75	12	countersunk	T30	100	800	25600
R-CS-60200-CS	-	6.0	200	75	12	countersunk	T30	100	800	25600
R-CS-80080-CS	R-CS-80080-CS-W	8.0	80	52	15	countersunk	T40	50	600	14 400
R-CS-80100-CS	R-CS-80100-CS-W	8.0	100	52	15	countersunk	T40	50	600	14 400
R-CS-80120-CS	R-CS-80120-CS-W	8.0	120	80	15	countersunk	T40	50	600	14 400
R-CS-80140-CS	R-CS-80140-CS-W	8.0	140	80	15	countersunk	T40	50	600	14 400
R-CS-80160-CS	R-CS-80160-CS-W	8.0	160	80	15	countersunk	T40	50	600	14 400
R-CS-80180-CS	R-CS-80180-CS-W	8.0	180	80	15	countersunk	T40	50	400	9 600
R-CS-80200-CS	R-CS-80200-CS-W	8.0	200	80	15	countersunk	T40	50	400	9 600
R-CS-80220-CS	R-CS-80220-CS-W	8.0	220	80	15	countersunk	T40	50	400	9 600
R-CS-80240-CS	R-CS-80240-CS-W	8.0	240	80	15	countersunk	T40	50	400	9 600
R-CS-80260-CS	R-CS-80260-CS-W	8.0	260	80	15	countersunk	T40	50	400	9 600
R-CS-80280-CS	R-CS-80280-CS-W	8.0	280	80	15	countersunk	T40	50	50	6 400
R-CS-80300-CS	R-CS-80300-CS-W	8.0	300	80	15	countersunk	T40	50	50	6 400
R-CS-80320-CS	R-CS-80320-CS-W	8.0	320	80	15	countersunk	T40	50	50	6 400
R-CS-80340-CS	R-CS-80340-CS-W	8.0	340	80	15	countersunk	T40	25	25	3 200
R-CS-80360-CS	R-CS-80360-CS-W	8.0	360	80	15	countersunk	T40	25	25	3 200
R-CS-80380-CS	R-CS-80380-CS-W	8.0	380	80	15	countersunk	T40	25	25	4 550
R-CS-80400-CS	R-CS-80400-CS-W	8.0	400	80	15	countersunk	T40	25	25	4 550
R-CS-10120-CS	R-CS-10120-CS-W	10.0	120	80	18.5	countersunk	T50	50	50	8 400
R-CS-10140-CS	R-CS-10140-CS-W	10.0	140	80	18.5	countersunk	T50	50	50	8 400
R-CS-10200-CS	R-CS-10200-CS-W	10.0	200	80	18.5	countersunk	T50	50	50	8 400
R-CS-10220-CS	R-CS-10220-CS-W	10.0	220	80	18.5	countersunk	T50	50	50	8 400
R-CS-10240-CS	R-CS-10240-CS-W	10.0	240	80	18.5	countersunk	T50	50	50	8 400
R-CS-10260-CS	R-CS-10260-CS-W	10.0	260	80	18.5	countersunk	T50	50	50	5 600
R-CS-10280-CS	R-CS-10280-CS-W	10.0	280	80	18.5	countersunk	T50	50	50	5 600
R-CS-10300-CS	R-CS-10300-CS-W	10.0	300	80	18.5	countersunk	T50	50	50	5 600
R-CS-10320-CS	R-CS-10320-CS-W	10.0	320	80	18.5	countersunk	T50	50	50	5 600
R-CS-10340-CS	R-CS-10340-CS-W	10.0	340	80	18.5	countersunk	T50	25	25	4 550
R-CS-10360-CS	R-CS-10360-CS-W	10.0	360	80	18.5	countersunk	T50	25	25	4 550
R-CS-10380-CS	R-CS-10380-CS-W	10.0	380	80	18.5	countersunk	T50	25	25	4 550
R-CS-10400-CS	R-CS-10400-CS-W	10.0	400	80	18.5	countersunk	T50	25	25	4 550

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R-CS-WH Timber screws with washer head

High reliability hardened screws for timber constructions

Approvals and Reports

- ETA-17/0023
- PN-EN 14592 + A1:2012

ETA Cr3+

Installation guide movie

Features and benefits

- Easy to screw-in
- The partial thread on the shaft of the screw allows multiple elements to be clamped together securely without separation
- Notched thread and wax coating for reduced friction
- Crack avoidance
- Power and battery saving application
- Yellow or white zinc plated version
- TX drive quarantees secure transmission of screw-in torque and no pop-out of the bit
- Wide washer head for better pull-through resistance

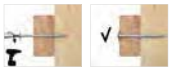
Applications

- Fastening timber and wood construction elements
- Rafter fastening to the purlins
- Fastening chipboards to wooden elements
- General wood joints
- Pergolas, bowers, sheds

Base materials

Approved for use in:

- Wood
- Timber
- Chipboard
- Plywood
- Laminate



Rawlplug code		Screw size			Head size			Quantity		
		Diameter	Length	Thread length	Head diameter	Head type	Screw drive	Box	Outer	Pallet
Yellow zinc plated Cr3+	White zinc plated Cr3+	mm	mm	mm	mm	mm	mm	pcs	pcs	pcs
R-CS-60080-WH	R-CS-60080-WH-W	6.0	80	50	15	wafer	T30	100	1200	38 400
R-CS-60100-WH	R-CS-60100-WH-W	6.0	100	50	15	wafer	T30	100	1200	38 400
R-CS-60120-WH	-	6.0	120	75	15	wafer	T30	100	1200	38 400
R-CS-60140-WH	-	6.0	140	75	15	wafer	T30	100	1200	38 400
R-CS-60160-WH		6.0	160	75		wafer	T30	100	1200	38 400
R-CS-60180-WH		6.0	180	75		wafer	T30	100	800	25600
R-CS-60200-WH		6.0	200	75		wafer	T30	100	800	25600
R-CS-60220-WH		6.0	220	75		wafer	T30	100	800	25600
R-CS-60240-WH		6.0	240	75		wafer	T30	100	800	25600
R-CS-80080-WH	R-CS-80080-WH-W	8.0	80	52	22	wafer	T40	50	600	14 400
R-CS-80100-WH	R-CS-80100-WH-W	8.0	100	52	22	wafer	T40	50	600	14 400
R-CS-80120-WH	R-CS-80120-WH-W	8.0	120	80	22	wafer	T40	50	600	14 400
R-CS-80140-WH	R-CS-80140-WH-W	8.0	140	80	22	wafer	T40	50	600	14 400
R-CS-80160-WH	R-CS-80160-WH-W	8.0	160	80	22	wafer	T40	50	600	14 400
R-CS-80180-WH	R-CS-80180-WH-W	8.0	180	80	22	wafer	T40	50	400	9 600
R-CS-80200-WH	R-CS-80200-WH-W	8.0	200	80	22	wafer	T40	50	400	9 600
R-CS-80220-WH	R-CS-80220-WH-W	8.0	220	80	22	wafer	T40	50	400	9 600
R-CS-80240-WH	-	8.0	240	80	22	wafer	T40	50	400	9 600
R-CS-80260-WH	-	8.0	260	80	22	wafer	T40	50	400	9 600
R-CS-80280-WH	-	8.0	280	80	22	wafer	T40	50	50	6 400
R-CS-80300-WH	-	8.0	300	80	22	wafer	T40	50	50	6 400
R-CS-80320-WH	R-CS-80320-WH-W	8.0	320	80	22	wafer	T40	50	50	6 400
R-CS-80340-WH	R-CS-80340-WH-W	8.0	340	80	22	wafer	T40	25	25	3 200
R-CS-80360-WH		8.0	360	80	22	wafer	T40	25	25	3 200
R-CS-80380-WH	R-CS-80380-WH-W	8.0	380	80	22	wafer	T40	25	25	4 550
R-CS-80400-WH	R-CS-80400-WH-W	8.0	400	80	22	wafer	T40	25	25	4 550
R-CS-10120-WH	R-CS-10120-WH-W	10.0	120	80	25	wafer	T50	50	50	8 400
R-CS-10140-WH	R-CS-10140-WH-W	10.0	140	80	25	wafer	T50	50	50	8 400
R-CS-10200-WH	R-CS-10200-WH-W	10.0	200	80	25	wafer	T50	50	50	8 400
R-CS-10220-WH	R-CS-10220-WH-W	10.0	220	80	25	wafer	T50	50	50	8 400
R-CS-10240-WH	R-CS-10240-WH-W	10.0	240	80	25	wafer	T50	50	50	8 400

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R-TS Chipboard screws

Hardened screws for new generation wood composites and timber

Approvals and Reports

- PN-EN 14592 + A1:2012

CE

Features and benefits

- Easy to screw-in
- Underhead cutting ribs for easy countersinking and a precise flush finish
- The partial thread on the shaft of the screw allows multiple elements to be clamped together securely without separation
- Notched thread and wax coating for reduced friction
- Crack avoidance
- Clean application
- Power and battery-saving
- TX drive quarantees secure transmission of screw-in torque and no pop-out of the bit
- Yellow zinc plated version Cr3+
- Wide range of dimensions and surfaces
- Every POS packaging contains the correct instalation bit necessary for fixing the screw

Applications

- Chipboards
- Laminated wood and exotic wood construction
- Plywood
- Anchoring of wood connec-tion elements
- Wooden fences
- Wooden elements

Base materials

Approved for use in:

- Chipboard
- Wood
- Exotic Wood
- Timber
- Plywood

Rawlplug code	Screw			Head size			Quantity		
	Diameter	Length	Thread length	Head diameter	Head type	Screw drive	Box	Outer	Pallet
	mm	mm	mm	mm	mm	mm	pcs		
R-TS-3016	3.0	16	13	6	countersunk	T10	500	32000	1000000
R-TS-3020	3.0	20	16	6	countersunk	T10	500	32000	1000000
R-TS-3025	3.0	25	21	6	countersunk	T10	500	32000	1000000
R-TS-3030	3.0	30	18	6	countersunk	T10	500	16000	512000
R-TS-3035	3.0	35	21	6	countersunk	T10	500	16000	512000
R-TS-3040	3.0	40	24	6	countersunk	T10	500	16000	512000
R-TS-3516	3.5	16	12	7	countersunk	T20	500	32000	1000000
R-TS-3520	3.5	20	16	7	countersunk	T20	500	32000	1000000
R-TS-3525	3.5	25	21	7	countersunk	T20	500	16000	512000
R-TS-3530	3.5	30	26	7	countersunk	T20	500	16000	512000
R-TS-3535	3.5	35	21	7	countersunk	T20	500	16000	512000
R-TS-3540	3.5	40	24	7	countersunk	T20	500	12000	384000
R-TS-3545	3.5	45	27	7	countersunk	T20	250	8000	256000
R-TS-3550	3.5	50	30	7	countersunk	T20	250	8000	256000
R-TS-4016	4.0	16	11	8	countersunk	T20	500	32000	1000000
R-TS-4020	4.0	20	16	8	countersunk	T20	500	16000	512000
R-TS-4025	4.0	25	20	8	countersunk	T20	500	16000	512000
R-TS-4030	4.0	30	25	8	countersunk	T20	250	16000	512000
R-TS-4035	4.0	35	21	8	countersunk	T20	250	8000	256000
R-TS-4040	4.0	40	24	8	countersunk	T20	250	8000	256000
R-TS-4045	4.0	45	27	8	countersunk	T20	250	8000	256000
R-TS-4050	4.0	50	30	8	countersunk	T20	250	6000	192000
R-TS-4060	4.0	60	36	8	countersunk	T20	250	6000	192000
R-TS-4070	4.0	70	42	8	countersunk	T20	100	3200	102400
R-TS-5020	5.0	20	15	10	countersunk	T25	250	16000	512000
R-TS-5025	5.0	25	20	10	countersunk	T25	250	16000	512000
R-TS-5030	5.0	30	25	10	countersunk	T25	250	8000	256000
R-TS-5035	5.0	35	30	10	countersunk	T25	250	8000	256000
R-TS-5040	5.0	40	24	10	countersunk	T25	100	3200	102400
R-TS-5050	5.0	50	30	10	countersunk	T25	100	3200	102400
R-TS-5060	5.0	60	36	10	countersunk	T25	100	3200	102400
R-TS-5070	5.0	70	42	10	countersunk	T25	100	3200	102400
R-TS-5080	5.0	80	48	10	countersunk	T25	50	1600	51200
R-TS-5090	5.0	90	54	10	countersunk	T25	50	1600	51200
R-TS-5100	5.0	100	60	10	countersunk	T25	50	1600	12800
R-TS-5120	5.0	120	72	10	countersunk	T25	50	1600	51200

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R-TS Chipboard screws (cont.)

Rawlplug code	Screw			Head size			Quantity		
	Diameter	Length	Thread length	Head diameter	Head type	Screw drive	Box	Outer	Pallet
	mm	mm	mm	mm	mm	mm	pcs		
R-TS-6030	6.0	30	24	12	countersunk	T30	100	3200	102400
R-TS-6040	6.0	40	33	12	countersunk	T30	100	3200	102400
R-TS-6050	6.0	50	30	12	countersunk	T30	100	3200	102400
R-TS-6060	6.0	60	36	12	countersunk	T30	100	3200	102400
R-TS-6070	6.0	70	42	12	countersunk	T30	50	1600	51200
R-TS-6080	6.0	80	48	12	countersunk	T30	50	1600	51200
R-TS-6090	6.0	90	54	12	countersunk	T30	50	1600	51200
R-TS-6100	6.0	100	60	12	countersunk	T30	50	1600	51200
R-TS-6120	6.0	120	72	12	countersunk	T30	50	1200	38400
R-TS-6140	6.0	140	72	12	countersunk	T30	50	1200	38400
R-TS-6160	6.0	160	72	12	countersunk	T30	50	1200	8400
R-TS-6180	6.0	180	72	12	countersunk	T30	50	1200	38400
R-TS-6200	6.0	200	72	12	countersunk	T30	50	800	25600

R-DSX Decking Screws

Decking screws for outdoor applications of wood and chipboard

Approvals and Reports

- PN-EN 14592 + A1:2012

Installation guide movie

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

Rawlplug code	Screw				Screw drive	Quantity		
	Diameter	Length	Thread length	Head diameter		Box	Outer	Pallet
	mm	mm	mm	mm		pcs	pcs	pcs
R-DSX-4030	4.0	30	25	6	T15	200	6 400	358 400
R-DSX-4040	4.0	40	24	6	T15	200	3 200	179 200
R-DSX-4050	4.0	50	30	6	T15	200	3 200	179 200
R-DSX-4060	4.0	60	36	6	T15	200	2 400	134 400
R-DSX-4540	4.5	40	24	6.7	T20	200	3 200	179 200
R-DSX-4550	4.5	50	30	6.7	T20	200	3 200	179 200
R-DSX-4560	4.5	60	36	6.7	T20	200	2 400	134 400
R-DSX-4570	4.5	70	36	6.7	T20	100	1 600	89 600
R-DSX-4580	4.5	80	36	6.7	T20	100	1 200	67 200
R-DSX-5050	5.0	50	30	7.7	T25	100	1 600	89 600
R-DSX-5060	5.0	60	36	7.7	T25	100	1 600	89 600
R-DSX-5070	5.0	70	42	7.7	T25	100	1 600	89 600
R-DSX-5080	5.0	80	48	7.7	T25	100	1 200	67 200
R-DSX-5100	5.0	100	60	7.7	T25	100	1 200	67 200
R-DSX-5120	5.0	120	72	7.7	T25	100	1 200	67 200

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R-DSX-A2 Stainless steel decking screws

Decking screws for outdoor applications of wood and chipboard

Approvals and Reports

- PN-EN 14592 + A1:2012

Installation guide movie

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

Rawlplug code	Screw				Screw drive	Quantity		
	Diameter	Length	Thread length	Head diameter		Box	Outer	Pallet
	mm	mm	mm	mm		pcs	pcs	pcs
R-DSX-4030-A2	4.0	30	25	6	T15	200	6 400	358 400
R-DSX-4040-A2	4.0	40	24	6	T15	200	3 200	179 200
R-DSX-4050-A2	4.0	50	30	6	T15	200	3 200	179 200
R-DSX-4060-A2	4.0	60	36	6	T15	200	2 400	134 400
R-DSX-4540-A2	4.5	40	24	6.7	T20	200	3 200	179 200
R-DSX-4550-A2	4.5	50	30	6.7	T20	200	3 200	179 200
R-DSX-4560-A2	4.5	60	36	6.7	T20	200	2 400	134 400
R-DSX-4570-A2	4.5	70	36	6.7	T20	100	1 600	89 600
R-DSX-4580-A2	4.5	80	36	6.7	T20	100	1 200	67 200
R-DSX-5050-A2	5.0	50	30	7.7	T25	100	1 600	89 600
R-DSX-5060-A2	5.0	60	36	7.7	T25	100	1 600	89 600
R-DSX-5070-A2	5.0	70	42	7.7	T25	100	1 600	89 600
R-DSX-5080-A2	5.0	80	48	7.7	T25	100	1 200	67 200
R-DSX-5100-A2	5.0	100	60	7.7	T25	100	1 200	67 200
R-DSX-5120-A2	5.0	120	72	7.7	T25	100	1 200	67 200

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RAWLPLUG®

R-OCR, R-ONR, R-ORR

Screws for fixing composite panels to steel

EXTREME DURABILITY

The fasteners' multi-layer Zinc Flake coating, with the unique roof tile-like arrangement of overlapping zinc flakes, ensures prolonged corrosion protection of screw cores, while aluminium washers with a layer of original elastomer guarantee tightness of joints for more than 50 years. This makes them a perfect solution for even the most harsh environments of the corrosivity category up to C4.

EFFICIENT INSTALLATION

Installation of any kind of composite panel to steel structures with the thickness of as much as 18 mm now takes only one operation, while you drill, set and seal the joint. You only need to pick a fastener dedicated to the given substrate thickness: 6 mm, 12 mm or 18 mm, in order to minimise the complete installation time.

SOLID PARAMETERS

Threads of the fasteners designed for installation in steel are capable of transferring even the highest tensile and shearing forces, as confirmed by the European Technical Assessments. In the version dedicated to the thickest structural elements, fastener diameters have been augmented to improve load capacity parameters and ensure successful transfer of the highest forces while screwing in.

PRECISION

All major elements of the fasteners that affect their functionality have been designed with users' suggestions in mind. Optimised dimensions and profiles of screw heads ensure perfect setting in driving bits, which enables stable fastening from the very start. The upper thread geometry adjusted to dimensions of dedicated washers enables their appropriate flattening, thus minimising the risk of the composite panel lining deflection. Notched working threads that make tapping easier remove drillings from the substrate material while it is being cut.

MULTITUDE OF APPLICATIONS

Three types of threads, the widest selection of sizes and suitability for all types of steel structures are only some of the numerous advantages of Rawlplug's fasteners for composite panels.
And since fasteners in the powder-painted version are available in colours matching every composite panel lining, they prove suitable for almost an infinite number of solutions.

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FASTENERS

SCREWS OF EXTREME CORROSION RESISTANCE FOR FIXING COMPOSITE PANELS TO STEEL

Self-drilling screws intended for all types of steel structures with the maximum thickness of 18 mm. Their unique Zinc Flake coating ensures corrosion protection in environments up to category C4.

R-OCR

Capable of drilling in steel structures of up to 6 mm in thickness

R-ONR

Capable of drilling in steel structures of up to 12 mm in thickness

R-ORR

Capable of drilling in steel structures of up to 18 mm in thickness

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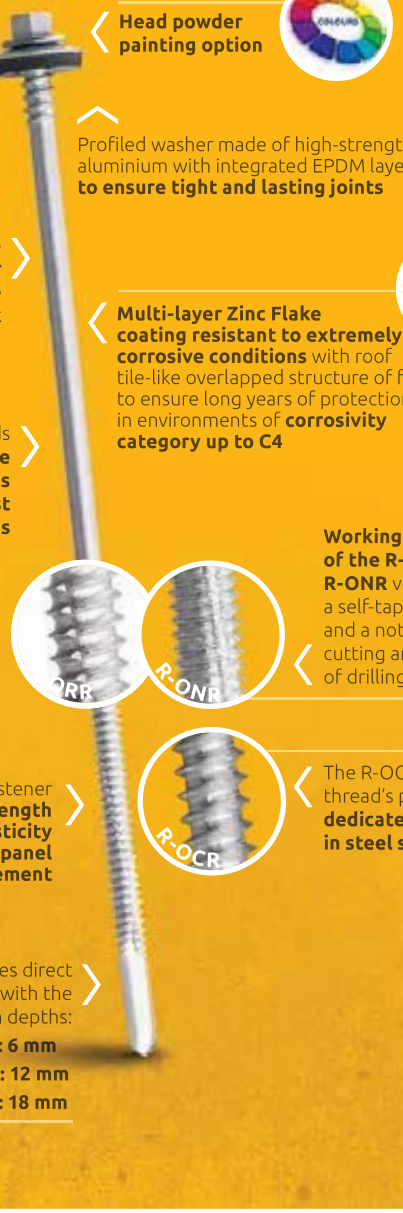
Perfect solution for curtain walling projects



Optimised head height for **secure setting in socket and comfortable installation work**

Head powder painting option

Profiled washer made of high-strength aluminium with integrated EPDM layer **to ensure tight and lasting joints**

Supporting thread to help in **adequate sealing washer pressing** and to **minimise the panel lining deflection risk**

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**

Augmented diameter threads in the R-ORR version to **ensure transfer of maximum forces on installation in the thickest steel substrates**

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

Hardened surface of the fastener **improves its mechanical strength while maintaining its elasticity required to compensate panel lining displacement**

The R-OCR working thread's pitch geometry **dedicated to installation in steel sections**

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**

Self-drilling tip screws are perfect for installation in steel structures thanks to their cutting section geometry and profiled threads, designed for even the thickest steel substrates and enabling one-operation fastening of composite panels.

INSTALLATION GUIDE

Most efficient installation in steel

The new generation of fasteners for composite panels has been designed in response to the need for minimised installation time combined with extended durability and improved load capacity of joints.
The new line of screws meets all these conditions, creating a perfect solution for all types of structures with composite panel cladding.

Fasteners for installation of composite panels in steel

R-OCR/ R-ONR/ R-ORR

1. Drive the screw at the angle of 90 degrees perpendicularly to the substrate.
2. Use magnetic 8 mm bits for installation.
3. Apply low rotational speed at the beginning of driving.
4. Reduce rotations if you notice any washer flattening.
5. Use a screw gun with torque adjustment or depth limiter. Note: do not use a drilling machine.

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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

Approvals and Reports

- ETA-17/0518
- LZM02-02328/16/ R86NZM

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

Rawlplug code	Screw			Head size	Thickness of sandwich panels [mm]	Quantity		
	Diameter		Length			Box	Outer	Pallet
	d1	d						
	mm		mm			pcs		
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	95-135	100	800	25600
R-OCR-55/63200A19	6,3	5,5	200	8	110-180	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

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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

Approvals and Reports

- ETA-17/0518
- LZM04 - 02328/16/ R86NZM

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

- Composite panels to thick wall hot rolled steel sections

Base materials

Approved for use in:

- Hot-rolled steel section
- Cold-rolled steel section

Rawlplug code	Screw			Head size	Thickness of sandwich panels [mm]	Quantity		
	Diameter		Length			Box	Outer	Pallet
	d1	d						
	mm		mm			pcs		
R-ONR-55/63100A19	6.3	5.5	100	8	20-70	100	800	25600
R-ONR-55/63101A19	6.3	5.5	101	8	20-70	100	800	25600
R-ONR-55/63110A19	6.3	5.5	110	8	30-80	100	800	25600
R-ONR-55/63121A19	6.3	5.5	121	8	35-90	100	800	25600
R-ONR-55/63130A19	6.3	5.5	130	8	45-100	100	800	25600
R-ONR-55/63141A19	6.3	5.5	141	8	55-110	100	800	25600
R-ONR-55/63150A19	6.3	5.5	150	8	65-120	100	800	25600
R-ONR-55/63161A19	6.3	5.5	161	8	70-130	100	800	25600
R-ONR-55/63180A19	6.3	5.5	180	8	95-150	100	800	25600
R-ONR-55/63191A19	6.3	5.5	191	8	105-160	100	800	25600
R-ONR-55/63200A19	6.3	5.5	200	8	115-175	100	800	25600
R-ONR-55/63211A19	6.3	5.5	211	8	125-180	100	800	25600
R-ONR-55/63230A19	6.3	5.5	230	8	145-200	100	100	28800
R-ONR-55/63241A19	6.3	5.5	241	8	150-210	100	100	28800
R-ONR-55/63250A19	6.3	5.5	250	8	165-220	100	100	11200
R-ONR-55/63261A19	6.3	5.5	261	8	170-230	100	100	11200
R-ONR-55/63285A19	6.3	5.5	285	8	195-255	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

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R-ORR self-drilling Screws for composite panels, max 18mm

Special zinc flake corrosion-resistant coating for highly effective protection

Approvals and Reports

- ETA-17/0518
- LZM02 - 02328/16/ R86NZM

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

Rawlplug code	Screw			Head size	Thickness of sandwich panels [mm]	Quantity		
	Diameter		Length			Box	Outer	Pallet
	d1	d						
	mm		mm			pcs		
R-ORR-63/70105A19	7.0	6.3	105	8	35-65	100	100	28800
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-63/70130A19	7.0	6.3	130	8	45-90	100	100	28800
R-ORR-63/70140A19	7.0	6.3	140	8	50-100	100	100	28800
R-ORR-63/70149A19	7.0	6.3	149	8	65-110	100	100	28800
R-ORR-63/70150A19	7.0	6.3	150	8	65-110	100	100	28800
R-ORR-60/70160A19	7.0	6.3	160	8	75-120	100	100	28800
R-ORR-63/70169A19	7.0	6.3	169	8	80-130	100	100	28800
R-ORR-63/70180A19	7.0	6.3	180	8	95-140	100	100	28800
R-ORR-63/70199A19	7.0	6.3	199	8	110-160	100	100	28800
R-ORR-63/70200A19	7.0	6.3	200	8	110-160	100	100	28800
R-ORR-63/70215A19	7.0	6.3	215	8	130-175	100	100	28800
R-ORR-63/70250A19	7.0	6.3	250	8	165-210	100	100	11200
R-ORR-63/70300A19	7.0	6.3	300	8	210-260	100	100	11200
R-ORR-63/70309A19	7.0	6.3	309	8	220-270	100	100	11200

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RAWLPLUG®

HIGHLIGHTS

R-OTR

Screws for fixing composite panels to concrete and timber

HIGH SPECIALISATION

The Hi-Low type thread design makes it possible to embed fasteners in concrete once a hole has been drilled, but also directly into timber substrate without the need for pre-drilling. It also features a dedicated sharp screw tip of square cross-section enabling it to instantaneously go through the panel and penetrate the substrate material.

RELIABILITY AND STRENGTH

Heavy-duty threads of diameters augmented up to 7 mm enable transfer of high torque required when installing in concrete. Heat-treated fastener surface prevents it from cracking and ensures sufficient elasticity on panel displacement up to 10 mm induced by temperature variations. The wide washer adds to the head pull-through capacity.

COMFORT AND COST-EFFECTIVENESS

Highly specialised design is not just a means to achieve easier installation, but also safer and faster work. With concrete and timber substrates, the decreased working time is attributed to reduction of the fastener embedment depth to 2.5 cm, while fast installation not only translates into labour cost savings, but also extends the service life of power tools.

FULL SELECTION

All major elements of the fasteners that affect their functionality have been designed with users' suggestions in mind. Optimised dimensions and profiles of screw heads ensure perfect setting in driving bits, which enables stable fastening from the very start. The upper thread geometry adjusted to dimensions of dedicated washers enables their appropriate flattening, thus minimising the risk of the composite panel lining deflection. Notched working threads that make tapping easier remove drillings from the substrate material while it is being cut.

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FASTENERS

SCREWS OF EXTREME CORROSION RESISTANCE FOR FIXING COMPOSITE PANELS TO CONCRETE AND TIMBER

Heavy-duty screws with the double Hi-Low thread for concrete and timber applications, offering the smallest anchoring depth in the market – only 25 mm in concrete!

R-OTR

Self-tapping screw for fixing composite panels to concrete and timber.

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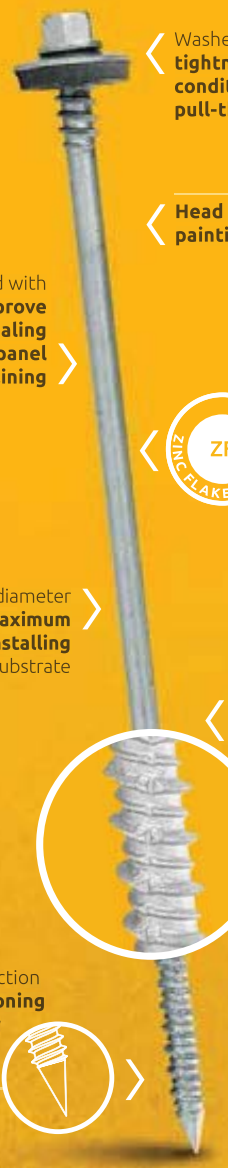
Perfect solution for curtain walling projects



Optimised head height for **secure setting in socket and comfortable installation work**

Washer of 19 mm diameter to ensure **tightness and resistance to external conditions** as well as to improving **head pull-through capacity**

Head powder painting option

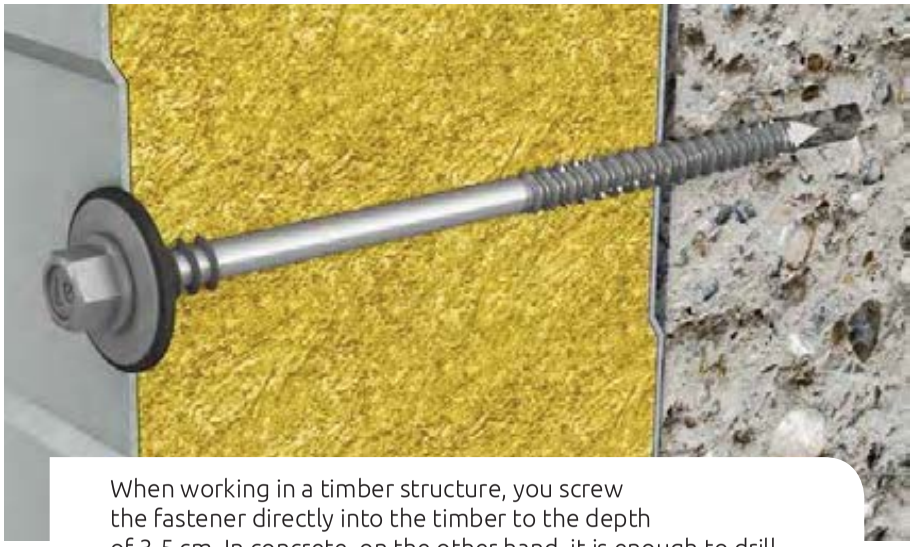
Widened upper thread with pitch **designed to improve washer clamping and sealing without deflecting the panel external lining**

Top-class multi-layer Zinc Flake coating for corrosion protection in environments **up to category C4**

Augmented fastener diameter that enables **transfer of maximum torques required when installing** in concrete substrate

Double Hi-Low type working thread with notches that improve drilling in concrete, and pitch designed **for both concrete and timber**

Drilling tip of square cross-section to **make appropriate positioning and fastener guiding easier when installing in concrete and timber substrates**



When working in a timber structure, you screw the fastener directly into the timber to the depth of 3.5 cm. In concrete, on the other hand, it is enough to drill a pilot hole of 3.5 cm in depth.

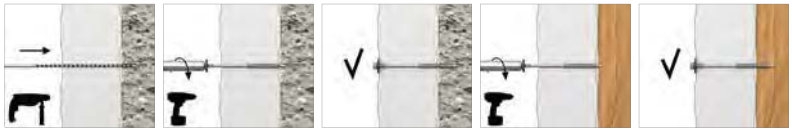
INSTALLATION GUIDE

Fastest installation in concrete or timber

The new generation of fasteners for composite panels has been designed in response to the need for minimised installation time combined with extended durability and improved load capacity of joints. The new line of screws meets all these conditions, providing perfect solutions for all types of structures with composite panel cladding.

Fasteners for installation of composite panels in concrete or timber

R-OTR



1. When installing in concrete, use a 5 mm drill bit to make a hole with minimum depth of 35 mm (optimally, go through the composite panel to be installed).
2. Use a magnetic 8 mm bit for installation.
3. Concrete substrate: drive the fastener into the pre-drilled hole through the panel to the depth of 25 mm. Timber substrate: drive the screw through the panel directly into the substrate to the depth of at least 35 mm.
4. Reduce rotations if you notice any washer flattening.
5. Use a screw gun with torque adjustment or depth limiter.

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R-OTR self-drilling screws for composite panels to concrete and timber

Special-design HiLo double bottom thread with grooves for drilling in wood and embedding in concrete upon hole pre-drilling

Approvals and Reports

- ETA-17/0518
- KOT-2017-0135
- LZM04 - 02328/16/R86NZM

Features and benefits

- Hardened screw's 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 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.

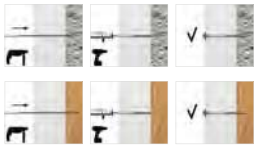
Applications

- 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



Rawlplug code	Screw			Head size	Thickness of sandwich panels [mm]	Quantity		
	Diameter		Length			Box	Outer	Pallet
	d1	d						
	mm		mm			pcs		
R-OTR-63/70115A19	7.0	6.3	115	8	60-80	100	100	28800
R-OTR-63/70120A19	7.0	6.3	120	8	65-85	100	100	28800
R-OTR-63/70135A19	7.0	6.3	135	8	80-100	100	100	28800
R-OTR-63/70140A19	7.0	6.3	140	8	85-105	100	100	28800
R-OTR-63/70155A19	7.0	6.3	155	8	100-120	100	100	28800
R-OTR-63/70160A19	7.0	6.3	160	8	105-125	100	100	28800
R-OTR-63/70185A19	7.0	6.3	185	8	120-150	100	100	28800
R-OTR-63/70190A19	7.0	6.3	190	8	125-155	100	100	28800
R-OTR-63/70205A19	7.0	6.3	205	8	155-170	100	100	28800
R-OTR-63/70210A19	7.0	6.3	210	8	160-175	100	100	28800
R-OTR-63/70255A19	7.0	6.3	255	8	200-220	100	100	11200
R-OTR-63/70260A19	7.0	6.3	260	8	205-225	100	100	11200

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RAWLPLUG®

100 YEARS OF EXPERTISE
IN FIXINGS, FASTENERS AND TOOLS

Direct Fastening Systems

SC40II

New gas powered steel and concrete nailer from Rawlplug

INNOVATION

Lithium-Ion power platform provides the highest efficiency and performance. Rawlplug's new Li-Ion system provides 8000 fixings from each battery, rapid charging feature allowing for 200 fixings in just 2 minutes of charging and battery preserving functions like switching the tool into stand-by mode after 10 minutes of inactivity.

MAXIMUM PERFORMANCE AND VERSATILITY

New depth adjustment mechanism allows for great control over the fixing process. As a result, you get a successful fixing every time. With the lowest weight among gas powered tools, new ergonomic design, ease of maintenance and battery conserving features, it provides great operating experience and performance.

DURABILITY AND LOW RUNNING COST

Thanks to newly designed dust protection cover, it is much more resistant to damage caused by debris or dust form overhead applications. In fact, the overall damage rate of our new system is reduced by 40% compared to the previous tool, which reduces the running cost. reducing the running cost.

RELIABLE AND EFFICIENT INSTALLATION

Quick and efficient tool for high volume fixings, especially in drywall and electrical applications. With the capacity of performing a fixing under one second, it is a real boost for efficiency on any job.

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SC40II

STEEL AND CONCRETE NAILER

SC40ll is an ideal tool for applications requiring a large number of repeatable fixings. Especially important while working on scaffolding lifts or overhead applications.

FEATURES AND BENEFITS

- New design of depth adjustment mechanism for best control of fixing parameters
- New magazine removal mechanism allowing for easy maintenance and jam clearance
- Removable rear support for better acessibility
- Shortened magazine rail for compact design and better manouvrability
- Redesigned dust cover prevents any dust and debris from entering the tool
- Changed position of the handle improves ballance and comfort of use
- PCB with batery status and stand-by mode provides discharge control and safety
- New lithium-Ion battery pack for best performance and efficiency

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Animation

New generation of gas powered nailer for steel and concrete from Rawlplug is capable of securing round head pins in steel and concrete using a combustion Energy of a gas mixture. The fixing is performed in under one second each. If we combine this with battery efficiency of 8000 fixings per charge and charging time of just 30 minutes, the result is a tremendous improvement in jobsite productivity.

APPLICATIONS

- Steel track in drywall systems
- Electrical applications
- Plumbing applications
- Wire mesh in plastering
- Temporary fixings

Product card

SUBSTRATE MATERIAL

- Concrete
- Concrete block
- Cracked concrete
- Steel

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R-RAWL-SC40 II Gas powered steel and concrete nailer

High performance gas powered steel and concrete nailer

Features and benefits

- Perfect weight to recoil ratio provides the tool not only being one of the lightest on the market but also improves comfort of daily use
- Lithium technology accompanied by energy saving features ensures high capacity of the battery pack
- Simplified depth adjustment design provide the end user with easy but accurate depth of drive control
- Completely redesigned dust cover protects the internal components and improves durability of the tool by 40%
- Compact and ergonomic design allows the operator to achieve great accessibility and freedom of operation
- Detachable magazine and nose piece ensure easy maintenance and jam clearance

Base materials

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

Applications

- Applicable for fixing steel and aluminium profiles in drywall structures
- Cable conduits and wires installation
- Installation of all types of MEP clips and clamps

Certificate

CE

Corresponding products

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

Set includes

- R-SC40II Steel and concrete 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-SC40 II	15 - 40	Round head pin	Concrete C20/25 - C50/60	395x355x120	GP5	3.4	30	0.5	8000	92	8.54	17.09

R-KNC, R-KSC plastic collated concrete pins with fuel cells

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

Certificate

CE

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 toughness of 57 - 60 HRC provides great penetration ability and give best result in hard substrates
- 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

Base materials

- Concrete C20/25-C50/60
- Concrete Slab
- Unreinforced concrete
- Non-cracked Concrete

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R-KNC, R-KSC plastic collated concrete pins with fuel cells (cont.)

Rawlplug code	Fastener diameter	Length	Head type	Shank type	Finish	Protection	Shank hardness [Hrc]	Fasteners per strip	Carton quantity	Fuel cells per carton	Box Weight	Outer Weight
	mm	mm						[pcs]	[pcs]	[pcs]	kg	kg
R-KNC												
R-KNC-6/22/500	2.7	22	Full Round	Smooth	Electro galvanised	Up to 4 microns	57 - 60	10	500	1	0.75	0.85
R-KNC-6/25/500	2.7	25	Full Round	Smooth	Electro galvanised	Up to 4 microns	57 - 60	10	500	1	0.83	1.67
R-KNC-6/27/500	2.7	27	Full Round	Smooth	Electro galvanised	Up to 4 microns	57 - 60	10	500	1	0.86	0.90
R-KNC-6/32/500	2.7	32	Full Round	Smooth	Electro galvanised	Up to 4 microns	57 - 60	10	500	1	0.97	0.95
R-KNC-6/38/500	2.7	38	Full Round	Smooth	Electro galvanised	Up to 4 microns	57 - 60	10	500	1	1.12	1.00
R-KSC												
R-KSC-6/17/500	2.7	17	Full Round	Smooth	Electro galvanised	Up to 4 microns	57 - 60	10	500	1	0.63	0.60
R-KSC-6/19/500	2.7	19	Full Round	Smooth	Electro galvanised	Up to 4 microns	57 - 60	10	500	1	0.68	0.70

R-RAWL-GP5 Fuel cell

Fuel cell for use in R-RAWL-SC40 II 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
- Manufactured in accordance with European Regulations

Applications

- Powering gas powered steel and concrete nailers

Rawlplug code	Fuel type	Lubrication	Size	Weight	Operating temperatures	Efficiency	Box Weight	Outer Weight
			[mm]	[g]	[°C]	[shots]	kg	kg
R-RAWL-GP5	Propane & Butane	Yes	55	30	-5 - 35	min. 500 shots	0,065	0,71

R-TPC Plastic clip for twin and earth cable

Plastic clip for installing 17mm twin and earth cable

Certificate

RoHS

Features and benefits

- Side snap-in installation provides the possibility of rerouting if necessary
- Equiped with countersink cavity allowing to place it firmly onto the nose piece of the tool and perform one hand over head installation
- Side snap-in installation provides the possibility of rerouting if necessary
- 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
- High durability provided by the use of impact-resistant polyamide

Base materials

- Concrete C20/25-C50/60
- Hollow LightWeight Concrete Block
- LightWeight Concrete Block
- Cracked Concrete
- Solid Concrete Block

Applications

- Installing twin and earth cable with plastic clip for gas nailer

Rawlplug code	Carton quantity	Width	Box Weight	Outer Weight
	mm		mm	cm
R-TPC-17	100	17.5	0.03	0.25

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R-TPLC plastic clip for twin and earth cable

Plastic clip for installing twin and earth cable

Certificate

RoHS

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 C20/25-C50/60
- Concrete Slab
- Cracked Concrete
- Unreinforced concrete
- Hollow LightWeight Concrete Block

Applications

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

Rawlplug code	Carton quantity	Width	Box Weight	Outer Weight
	mm		mm	cm
R-TPLC-25	100	25.5	0.06	0.55

R-AW Thrust metal washer

Steel thrust washer for installation applications.

Certificate

RoHS

Features and benefits

- Plastic instert allows to place it in the nose piece and operate with one hand overhead
- A minimum of 5 micron zinc plating for optimal corrosion protection
- Washers available in two diameters 15 and 25mm for best performance in any application
- Product compatible with most of the gas tools available on the market which allows matching accesories with your equipment
- Plastic insert made out of recyclable HDPE
- A wide range of applications reached, thanks to large pressure surface. Especially important when securing elements made out of plastic

Base materials

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

Applications

- Fixing steel or aluminium profiles into concrete in drywall systems
- Fixing electrical boxes, sanitary ware, cable trunking, etc.
- Fastening plastic elements liable to damage while installing

Rawlplug code	Material	Carton quantity	Diameter	Thickness	Finish	Box Weight	Outer Weight
		mm	[mm]	[mm]		[kg]	[kg]
R-AW-15	Steel	200	15	1	Electro galvanised	0.32	5.11
R-AW-25	Steel	200	25	1	Electro galvanised	0.45	7.20

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R-FPD double plastic clip

Double plastic clip for MEP applications

Features and benefits

- Designed to be used for fixing installation pipes ex. underfloor heating
- Applicable for electrical installations on technical floors, walls and ceilings
- Manufactured in accordance to RoHS from halogene free PA6
- 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 C20/25-C50/60
- Concrete Slab
- Unreinforced concrete
- Structural Steel

Applications

- Pipework installation
- Underfloor heating installation

Rawlplug code	Carton quantity	Internal diameter	Box Weight	Outer Weight
	mm	mm	mm	cm
R-FPD-16	16	100	0.52	5.20
R-FPD-20	20	50	0.18	2.80
R-FPD-25	25	50	0.25	2.45

R-FPD double plastic clip

Double plastic clip for MEP applications

Features and benefits

- Designed to be used for fixing installation pipes ex. underfloor heating
- Applicable for electrical installations on technical floors, walls and ceilings
- Manufactured in accordance to RoHS from halogene free PA6
- Product compatible with most of the tools available on the market
- 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
- Product compatible with majority of the gas powered tools available on the market, which allows to match accessories with your equipment

Base materials

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

Applications

- Pipework installation
- Underfloor heating installation

Rawlplug code	Carton quantity	Internal diameter	Box Weight	Outer Weight
	mm	mm	mm	cm
R-FP-16	16	100	0.23	3.60
R-FP-18	18	100	0.47	7.52
R-FP-20	20	100	0.50	8.00
R-FP-22	22	100	0.55	8.80
R-FP-25	25	100	0.58	5.80
R-FP-28	28	100	0.08	0.75
R-FP-32	32	50	0.17	2.64

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R-PFT Single metal clip for low voltage fire protection systems

Single metal clip for low voltage electric installations

Certificate

RoHS

Features and benefits

- With its special design and issued certificates it is dedicated to fasten low-voltage installations, e.g. CCTV, alarm or fire protection systems
- Proven to provide full functionality of the fire resistant cable up to maximum required time(120 min)
- A minimum of 5 microns of zinc coating for better corrosion protection
- Equiped with plastic insert allowing to place it firmly in the nose piece of the tool and perform one hand over head installation
- Product compatible with most of the gas tools available on the market which allows matching accesories with your equipment

Base materials

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

Applications

- Installation of low voltage cables in alrm, CCTV, IT and fire protection systems

Rawlplug code	Carton quantity	Internal diameter	Class fire reaction	Box Weight	Outer Weight
	mm	mm	mm	mm	cm
R-PFT-6	50	6	90	0.16	0.80
R-PFT-8	50	8	90	0.10	0.48
R-PFT-10	50	10	90	0.20	3.20
R-PFT-12	100	12	90	0.90	14.40

R-DFT Double metal clip for low voltage fire protection systems

Double metal clip for low voltage electric installations

Certificate

RoHS

Features and benefits

- With its special design and issued certificates it is dedicated to fasten low-voltage installations, e.g. CCTV, alarm or fire protection systems
- Proven to provide full functionality of the fire resistant cable up to maximum required time(120 min)
- Equiped with plastic insert allowing to place it firmly in the nose piece of the tool and perform one hand over head installation
- 5 microns of zinc coating provides good protection against corrosion

Base materials

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

Applications

- Installation of low voltage cables in alarm, CCTV, IT and fire protection systems

Rawlplug code	Carton quantity	Internal diameter	Class fire reaction	Box Weight	Outer Weight
	mm	mm	mm	mm	cm
R-DFT-6	100	6	90	0.90	14.40
R-DFT-8	100	8	90	0.92	14.72
R-DFT-10	100	10	90	0.50	7.50

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R-FT single metal clip for pipe installation

Single metal clip for MEP applications

Certificate

RoHS

Features and benefits

- A clip designed to be used with SC40 gas nailer equiped with magnetic nose tip allowing to operate with one hand overhead
- Wide range of available diameters allows to select ideal clip for each application. Suitable for installation of metric, imperial(inch), copper, multilayer, PE, PP, PB and stainless pipes
- A minimum of 5 microns of zinc coating for better corrosion protection
- Single metal clip for pipe installation ensures cost savings and time effectiveness
- Product compatible with most of the gas tools available on the market which allows matching accesories with your equipment

Base materials

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

Applications

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

Rawlplug code	Carton quantity	Internal diameter	Box Weight	Outer Weight
	mm	mm	mm	cm
R-FT-10	100	10	0.28	4.48
R-FT-16	100	16	0.50	7.50
R-FT-18	100	18	0.65	9.75
R-FT-20	100	20	0.92	13.80
R-FT-22	100	22	1.10	11.00
R-FT-25	100	25	1.14	11.40
R-FT-28	100	28	1.37	13.70
R-FT-32	100	32	1.55	15.50

R-WDC double cable bow

Double plastic cable bow for wiring and electrical installations

Certificate

RoHS

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

Applications

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

Rawlplug code	Carton quantity	Width	Box Weight	Outer Weight
	[pcs]	mm	mm	cm
R-WDC	100	76.5	0.50	5.00

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R-WSC single cable bow

Single plastic clip for wiring and electrical installations

Certificate

RoHS

Features and benefits

- Thanks to special design it is possible to expand or reduce the number of cables without dismantleing the clip
- Manufactured in accordance to RoHS from halogene free PA6
- 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

Base materials

- Concrete C20/25-C50/60
- Concrete Slab
- Unreinforced concrete
- Solid Concrete Block

Applications

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

Rawlplug code	Carton quantity	Width	Box Weight	Outer Weight
	[pcs]	mm	mm	cm
R-WSC	100	76.5	0.13	1.25

R-RAWL-RB3908 Rebar tie wire

Galvanised tie wire for R-RAWL-RB39 rebar tier for joining rebar reinforcing structures

Features and benefits

- Electro galvanised wire provides high corrosion protection of each individual tie
- Depending on the tool settings the coil lasts for 120/150 knots which reduces reload time
- Detailed design and manufacturing process ensures stability of parameters and performance
- Easy to dispose plastic part of the coil - with no additional parts is 100% recyclable

Applications

- Dedicated to use with R-RAWL-RB39 rebar tier
- Commercial and private building industry, infrastructure prBoxects
- Prefabricated reinforced concrete elements

Corresponding products

- R-RAWL-RB39 Rebar tier

Certificate

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Rawlplug code	Diameter	Wire amount on the coil	Carton quantity	Coating type	Box Weight	Outer Weight
	[mm]	[m]	[pcs]		kg	kg
R-RAWL-RB3908	0.8	95	50	Galvanised	20.32	20.32

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SP-KSC plastic collated pins

Nails on plastic for steel and concrete, designed together with powder nail guns for heavy construction applications

Certificate

CE

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 toughness of 57 - 60 HRC provides great penetration ability and give best result in hard substrates
- 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

Base materials

- Structural Steel

Applications

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

Rawlplug code	Fastener diameter	Length	Head type	Shank type	Finish	Collation	Protection	Carton quantity	Fasteners per strip	Box Weight	Outer Weight
	[mm]	[mm]						[pcs]	[pcs]	kg	kg
SP-KSC-8/16T	3.7	16	Round	Smooth	Electro galvanised	Plastic strip	Up to 4 microns	500	10	2.17	10.86
SP-KSC-8/19T	3.7	19	Round	Smooth	Electro galvanised	Plastic strip	Up to 4 microns	500	10	1.27	15.21
SP-KSC-8/22T	3.7	22	Round	Smooth	Electro galvanised	Plastic strip	Up to 4 microns	500	10	1.33	15.93
SP-KSC-8/27T	3.7	27	Round	Smooth	Electro galvanised	Plastic strip	Up to 4 microns	500	10	1.52	18.28
SP-KSC-8/32T	3.7	32	Round	Smooth	Electro galvanised	Plastic strip	Up to 4 microns	500	10	1.74	20.84
SP-KSC-8/37T	3.7	37	Round	Smooth	Electro galvanised	Plastic strip	Up to 4 microns	500	10	1.90	22.80
SP-KSC-8/42T	3.7	42	Round	Smooth	Electro galvanised	Plastic strip	Up to 4 microns	500	10	2.15	25.83
SP-KSC-8/47T	3.7	47	Round	Smooth	Electro galvanised	Plastic strip	Up to 4 microns	500	10	2.39	11.95
SP-KSC-8/52T	3.7	52	Round	Smooth	Electro galvanised	Plastic strip	Up to 4 microns	400	10	2.62	13.08
SP-KSC-8/57T	3.7	57	Round	Smooth	Electro galvanised	Plastic strip	Up to 4 microns	300	10	1.71	20.54
SP-KSC-8/62T	3.7	62	Round	Smooth	Electro galvanised	Plastic strip	Up to 4 microns	300	10	1.86	22.32
SP-KSC-8/67T	3.7	67	Round	Smooth	Electro galvanised	Plastic strip	Up to 4 microns	300	10	1.75	21.00
SP-KSC-8/72T	3.7	72	Round	Smooth	Electro galvanised	Plastic strip	Up to 4 microns	300	10	2.12	25.41

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SP-KSC single pins

Single nails for concrete and steel, galvanized

Certificate

CE

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
- Compatible with leading manufactures tools present on the marketplace
- Full round head provides a secure fixing and high pull through value

Base materials

- Structural Steel

Applications

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

Rawlplug code	Fastener diameter	Length	Head type	Shank type	Finish	Protection	Carton quantity	Box Weight	Outer Weight
	[mm]	[mm]					[pcs]	kg	kg
SP-KSC-8/27	3.7	27	Round	Smooth	Electro galvanised	Up to 4 microns	500	1.45	26.01
SP-KSC-8/32	3.7	32	Round	Smooth	Electro galvanised	Up to 4 microns	500	1.57	28.33
SP-KSC-8/37	3.7	37	Round	Smooth	Electro galvanised	Up to 4 microns	300	1.10	19.82
SP-KSC-8/42	3.7	42	Round	Smooth	Electro galvanised	Up to 4 microns	300	1.32	23.76
SP-KSC-8/47	3.7	47	Round	Smooth	Electro galvanised	Up to 4 microns	300	2.20	11.00
SP-KSC-8/52	3.7	52	Round	Smooth	Electro galvanised	Up to 4 microns	300	1.52	27.28
SP-KSC-8/57	3.7	57	Round	Smooth	Electro galvanised	Up to 4 microns	300	1.60	28.80
SP-KSC-8/62	3.7	62	Round	Smooth	Electro galvanised	Up to 4 microns	300	1.78	21.36
SP-KSC-8/72	3.7	72	Round	Smooth	Electro galvanised	Up to 4 microns	300	2.00	36.08

R-RAWL-WW90CH Gas powered framing nailer

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

Features and benefits

- Nail range from 50mm to 90mm for wide range of applications
- Removable no mark nose for protecting the timber surface. Especially important when securing timber cladding or facades
- Sequential firing mode for operators safety and fixing precision
- 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
- Tool free depth adjustment. The operator can easily adjust the depth that the nail is driven into timber to produce a precise fixing

Base materials

- Timber
- Chipboard
- Plywood
- 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

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Corresponding products

- R-DPG paper collated nails with fuel cells
- R-DRG paper collated nails with fuel cells
- R-DPK paper collated nails with fuel cells
- R-DPHDG paper collated nails with fuel cells
- R-KIT-WW90/SC40

Set includes

- R-RAWL-WW90CH Gas powered 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-WW90CH	50 - 90	Clipped head nail	Timber	367x372x108	GP1	3.4	60	2	4000	94	8.61	17.23

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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

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

Certificate

CE

Corresponding products

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

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

Base materials

- Timber
- Plywood
- Chipboard
- Wood

Applications

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

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Corresponding products

- Angled brad nails
- R-RAWL-GP4-2BL
- R-KIT-WW90/SC40

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

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R-RAWL-B1664 Gas powered second fix nailer

Gas powered angled 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

Base materials

- Timber
- Plywood
- Chipboard
- Wood

Applications

- Installation of wooden facades
- 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

Corresponding products

- Straight brad nails
- R-RAWL-GP4-2BL
- R-KIT-WW90/SC40

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

Clipped head, paper collated nails with fuel cells

Paper collated nails in various finishes and coatings offer number of options in all timber related applications

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Features and benefits

- 34º angle collation with a clipped head 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
- Depending on the quantity of nails box contains 1, 2 or 3 fuel cells

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 facades

Base materials

- Timber
- Plywood
- Chipboard
- Wood

Clipped head, paper collated nails with fuel cells (cont.)

Rawlplug code	Fastener diameter [mm]	Length [mm]	Head type	Shank type	Finish	Protection	Collation	Fasteners per strip [pcs]	Carton quantity [pcs]	Fuel cells per carton [pcs]	Box Weight kg	Outer Weight kg
R-DPG												
R-DPG-2851	2.8	51	Clipped head	Smooth	Silver Galvanised	Minimum 10 microns	34º paper laminated	44	3300	3	28.71	28.71
R-DPG-3163	3.1	63	Clipped head	Smooth	Silver Galvanised	Minimum 10 microns	34º paper laminated	44	3300	3	13.38	13.38
R-DPG-2863	2.8	63	Clipped head	Smooth	Silver Galvanised	Minimum 10 microns	34º paper laminated	44	3300	3	11.58	11.58
R-DPG-2875	2.8	75	Clipped head	Smooth	Silver Galvanised	Minimum 10 microns	34º paper laminated	44	3300	3	28.71	28.71
R-DPG-3175	3.1	75	Clipped head	Smooth	Silver Galvanised	Minimum 10 microns	34º paper laminated	44	2200	2	10.61	10.61
R-DPG-3190	3.1	90	Clipped head	Smooth	Silver Galvanised	Minimum 10 microns	34º paper laminated	44	2200	2	12.35	12.35
R-DPGH												
R-DPGH-3190	3.1	90	Clipped head	Smooth	Silver Galvanised	Minimum 10 microns	34º paper laminated	44	1100	1	6.18	6.18
R-DPHDG												
R-DPHDG-3190	3.1	90	Clipped head	Smooth	Hot dipped galvanised	Minimum 50 microns	34º paper laminated	44	2200	2	13.14	13.14
R-DPK												
R-DPK-2851	2.8	51	Clipped head	Smooth	Bright	Minimum 10 microns	34º paper collated	44	3300	3	9.56	9.56
R-DPK-2863	2.8	63	Clipped head	Smooth	Bright	Minimum 10 microns	34º paper collated	44	3300	3	11.47	11.47
R-DPK-3163	3.1	63	Clipped head	Smooth	Bright	Minimum 10 microns	34º paper collated	44	3300	3	13.25	13.25
R-DPK-2870	2.8	70	Clipped head	Smooth	Bright	Minimum 10 microns	34º paper collated	44	3300	3	12.48	12.48
R-DPK-2875	2.8	75	Clipped head	Smooth	Bright	Minimum 10 microns	34º paper collated	44	3300	3	13.20	13.20
R-DPK-3175	3.1	75	Clipped head	Smooth	Bright	Minimum 10 microns	34º paper collated	44	2200	2	10.34	10.34
R-DPK-3190	3.1	90	Clipped head	Smooth	Bright	Minimum 10 microns	34º paper collated	44	2200	2	12.38	12.38
R-DRG												
R-DRG-2851	2.8	51	Clipped head	Ring	Silver Galvanised	Minimum 10 microns	34º paper laminated	44	3300	3	9.13	9.13
R-DRG-2863	2.8	63	Clipped head	Ring	Silver Galvanised	Minimum 10 microns	34º paper laminated	44	3300	3	11.14	11.14
R-DRG-3163	3.1	63	Clipped head	Ring	Silver Galvanised	Minimum 10 microns	34º paper laminated	44	3300	3	8.99	8.99
R-DRG-2870	2.8	70	Clipped head	Ring	Silver Galvanised	Minimum 10 microns	34º paper laminated	44	3300	3	12.12	12.12
R-DRG-2875	2.8	75	Clipped head	Ring	Silver Galvanised	Minimum 10 microns	34º paper laminated	44	3300	3	12.88	12.88
R-DRG-3175	3.1	75	Clipped head	Ring	Silver Galvanised	Minimum 10 microns	34º paper laminated	44	2200	2	10.42	10.42
R-DRG-3190	3.1	90	Clipped head	Ring	Silver Galvanised	Minimum 10 microns	34º paper laminated	44	2200	2	12.71	12.71
R-DRGH												
R-DRGH-2851	2.8	51	Clipped head	Ring	Silver Galvanised	Minimum 10 microns	34º paper laminated	44	1100	1	3.17	3.17
R-DRGH-2863	2.8	63	Clipped head	Ring	Silver Galvanised	Minimum 10 microns	34º paper laminated	44	1100	1	3.78	3.78
R-DRGH-3163	3.1	63	Clipped head	Ring	Silver Galvanised	Minimum 10 microns	34º paper laminated	44	1100	1	4.52	4.52
R-DRGH-3175	3.1	75	Clipped head	Ring	Silver Galvanised	Minimum 10 microns	34º paper laminated	44	1100	1	5.12	5.12
R-DRGH-3190	3.1	90	Clipped head	Ring	Silver Galvanised	Minimum 10 microns	34º paper laminated	44	1100	1	6.23	6.23
R-DRHDG												
R-DRHDG-2851	2.8	51	Clipped head	Ring	Hot dipped galvanised	Minimum 50 microns	34º paper laminated	44	3300	3	10.14	10.14
R-DRHDG-2863	2.8	63	Clipped head	Ring	Hot dipped galvanised	Minimum 50 microns	34º paper laminated	44	3300	3	11.33	11.33
R-DRHDG-3175	3.1	75	Clipped head	Ring	Hot dipped galvanised	Minimum 50 microns	34º paper laminated	44	2200	2	10.47	10.47
R-DRHDG-3190	3.1	90	Clipped head	Ring	Hot dipped galvanised	Minimum 50 microns	34º paper laminated	44	2200	2	12.45	12.45

Clipped head, paper collated nails with fuel cells (cont.)

Rawlplug code	Fastener diameter [mm]	Length [mm]	Head type	Shank type	Finish	Protection	Collation	Fasteners per strip [pcs]	Carton quantity [pcs]	Fuel cells per carton [pcs]	Box Weight kg	Outer Weight kg
R-DRHDG												
R-DRK-2851	2.8	51	Clipped head	Ring	Bright	Minimum 10m	34° paper laminated	44	3300	3	9.26	9.26
R-DRK-2863	2.8	63	Clipped head	Ring	Bright	Minimum 10m	34° paper laminated	44	3300	3	11.15	11.15
R-DRK-3163	3.1	63	Clipped head	Ring	Bright	Minimum 10m	34° paper laminated	44	3300	3	13.34	13.34
R-DRK-2870	2.8	70	Clipped head	Ring	Bright	Minimum 10m	34° paper laminated	44	3300	3	12.09	12.09
R-DRK-2875	2.8	70	Clipped head	Ring	Bright	Minimum 10m	34° paper laminated	44	3300	3	12.98	12.98
R-DRK-3175	3.1	75	Clipped head	Ring	Bright	Minimum 10m	34° paper laminated	44	2200	2	10.33	10.33
R-DRK-3190	3.1	90	Clipped head	Ring	Bright	Minimum 10m	34° paper laminated	44	2200	2	12.27	12.27
R-DRS												
R-DRS-2851	2.8	51	Clipped head	Ring	Stainless Steel -A2	Full protection	34° paper laminated	44	3300	3	9.32	9.32
R-DRS-2863	2.8	63	Clipped head	Ring	Stainless Steel -A2	Full protection	34° paper laminated	44	3300	3	11.37	11.37
R-DRS-2851	2.8	51	Clipped head	Ring	Stainless Steel -A2	Full protection	34° paper laminated	44	3300	3	9.32	9.32
R-DRS-2863	2.8	63	Clipped head	Ring	Stainless Steel -A2	Full protection	34° paper laminated	44	3300	3	11.37	11.37
R-DRS-2851	2.8	51	Clipped head	Ring	Stainless Steel -A2	Full protection	34° paper laminated	44	3300	3	9.32	9.32
R-DRS-2863	2.8	63	Clipped head	Ring	Stainless Steel -A2	Full protection	34° paper laminated	44	3300	3	11.37	11.37

R-HDGT-3838 Paper collated joist hanger nails

Twist shank galvanised nails for metal connectors 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

Base materials

- Timber
- Plywood
- Wood

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-HDGT-3838	3.8	38	Full Round	8.5	Twist	Hot Dip Galvanised	Paper collated	2200	50	3.44	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 facades and other external trim applications
- Installation of soffits and other roof finishing elements
- Installation of timber decorative elements on facades and other timber structures

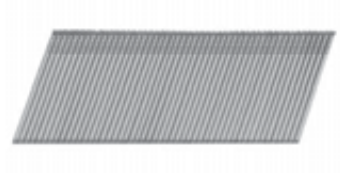
Base materials

- 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	Outer Weight kg
BRADS1619	16 Gauge	19	Galvanised	0° glue laminated	50	2000	2	0.78	0.78
BRADS1625	16 Gauge	25	Galvanised	0° glue laminated	50	2000	2	0.94	0.94
BRADS1625SS	16 Gauge	25	Stainless Steel	0° glue laminated	50	2000	2	0.94	0.94
BRADS1632	16 Gauge	32	Galvanised	0° glue laminated	50	2000	2	1.14	1.14
BRADS1638	16 Gauge	38	Galvanised	0° glue laminated	50	2000	2	1.30	1.30
BRADS1638SS	16 Gauge	38	Stainless Steel	0° glue laminated	50	2000	2	1.32	1.32
BRADS1645	16 Gauge	45	Galvanised	0° glue laminated	50	2000	2	1.50	1.50
BRADS1650	16 Gauge	50	Galvanised	0° glue laminated	50	2000	2	1.63	1.63
BRADS1650SS	16 Gauge	50	Stainless Steel	0° glue laminated	50	2000	2	1.68	1.68
BRADS1664	16 Gauge	64	Galvanised	0° glue laminated	50	2000	2	2.04	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 facades and other external trim applications
- Installation of soffits and other roof finishing elements
- Installation of timber decorative elements on facades and other timber structures

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	Outer Weight kg
BRADS2032	16 Gauge	32	Galvanised	20° glue laminated	50	2000	2	0.3	1.18
BRADS2038	16 Gauge	38	Galvanised	20° glue laminated	50	2000	2	0.3	0.60
BRADS2045	16 Gauge	45	Galvanised	20° glue laminated	50	2000	2	0.4	0.80
BRADS2050	16 Gauge	50	Galvanised	20° glue laminated	50	2000	2	0.4	1.72
BRADS2050SS	16 Gauge	50	Stainless Steel	20° glue laminated	50	2000	2	0.5	1.76
BRADS2064	16 Gauge	64	Galvanised	20° glue laminated	50	2000	2	0.5	1.00

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R-RAWL-GP1

Fuel cell for use in R-RAWL-WW90CH and R-RAWL-GMC38 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 timber framing nailers

Rawlplug code	Fuel type	Lubrication	Size	Weight	Operating temperatures	Efficiency	Box Weight	Outer Weight
			[mm]	[g]	[°C]	[shots]	kg	kg
SP-RAWL-GP1	Propane & Butane	Yes	165	40	-5 - 35	min. 1100	0.09	0.09

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.

Applications

- Maintenance and basic service of gas powered tools
- Wooden pallets and packaging manufacturing

Content
Cleaning detergent, Lubricating oil, Cleaning cloth, Gloves, Cleaning guide

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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 facades
- More powerfull than gas powered equivalent of the same specification. Up to 10% more power ensures outstanding performance in all applications and timber types

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 facades
- Installation of timber flooring and terraces

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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

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

SPG-DPG paper collated nails without fuel cells

Smooth shank galvanised nails for timber framing, roofing and other timber 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
- 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

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 facades

Base materials

- Timber
- Plywood
- Chipboard
- Wood

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SPG-DPG paper collated nails without fuel cells (cont.)

Rawlplug code	Fastener diameter	Length	Head type	Shank type	Finish	Protection	Collation	Fasteners per strip	Carton quantity	Box Weight	Outer Weight
	[mm]	[mm]						[pcs]	[pcs]	kg	kg
SPG-DPG-2875	2.8	75	Clipped head	Smooth	Silver Galvanised	Minimum 10 microns	34° paper laminated				
SPG-DPG-3163	3.1	63	Clipped head	Smooth	Silver Galvanised	Minimum 10 microns	34° paper laminated				
SPG-DPG-3175	3.1	75	Clipped head	Smooth	Silver Galvanised	Minimum 10 microns	34° paper laminated				
SPG-DPG-3190	3.1	90	Clipped head	Smooth	Silver Galvanised	Minimum 10 microns	34° paper laminated	44	2200	12.20	12.20
SPG-DPGH-3190	3.1	90	Clipped head	Smooth	Silver Galvanised	Minimum 10 microns	34° paper laminated	44	1100		
SPG-DPK-2851	2.8	51	Clipped head	Smooth	Bright	Minimum 10m	34° paper laminated	44	3300	9.08	9.08
SPG-DPK-2863	2.8	63	Clipped head	Smooth	Bright	Minimum 10m	34° paper laminated	44	3300	11.09	11.09
SPG-DPK-2875	2.8	75	Clipped head	Smooth	Bright	Minimum 10m	34° paper laminated	44	3300	12.96	12.96
SPG-DPK-3175	3.1	75	Clipped head	Smooth	Bright	Minimum 10m	34° paper laminated	44	2200	10.27	10.27
SPG-DPK-3190	3.1	90	Clipped head	Smooth	Bright	Minimum 10m	34° paper laminated	44	2200	12.17	12.17
SPG-DRG-2851	2.8	51	Clipped head	Ring	Silver Galvanised	Minimum 10 microns	34° paper laminated	44	3300	8.74	8.74
SPG-DRG-2863	2.8	63	Clipped head	Ring	Silver Galvanised	Minimum 10 microns	34° paper laminated	44	3300	10.77	10.77
SPG-DRG-3163	3.1	63	Clipped head	Ring	Silver Galvanised	Minimum 10 microns	34° paper laminated	44	3300	18.68	18.68
SPG-DRG-2875	2.8	75	Clipped head	Ring	Silver Galvanised	Minimum 10 microns	34° paper laminated	44	3300	12.71	12.71
SPG-DRG-3175	3.1	75	Clipped head	Ring	Silver Galvanised	Minimum 10 microns	34° paper laminated	44	2200	10.27	10.27
SPG-DRG-3190	3.1	90	Clipped head	Ring	Silver Galvanised	Minimum 10 microns	34° paper laminated	44	2200	12.22	12.22
SPG-DRGH-2851	2.8	51	Clipped head	Ring	Silver Galvanised	Minimum 10 microns	34° paper laminated	44	1100	8.74	
SPG-DRGH-2863	2.8	63	Clipped head	Ring	Silver Galvanised	Minimum 10 microns	34° paper laminated	44	1100	10.77	
SPG-DRGH-3175	3.1	75	Clipped head	Ring	Silver Galvanised	Minimum 10 microns	34° paper laminated	44	1100	10.27	
SPG-DRK-2851	2.8	51	Clipped head	Ring	Bright	Minimum 10m	34° paper laminated	44	3300	8.84	8.84
SPG-DRK-2863	2.8	63	Clipped head	Ring	Bright	Minimum 10m	34° paper laminated	44	3300	10.85	10.85
SPG-DRK-2875	2.8	70	Clipped head	Ring	Bright	Minimum 10m	34° paper laminated	44	3300	12.53	12.53
SPG-DRK-3163	3.1	63	Clipped head	Ring	Bright	Minimum 10m	34° paper laminated	44	2200		
SPG-DRK-3175	3.1	75	Clipped head	Ring	Bright	Minimum 10m	34° paper laminated	44	2200	10.32	10.32
SPG-DRK-3190	3.1	90	Clipped head	Ring	Bright	Minimum 10m	34° paper laminated	44	2200	12.07	12.07

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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 facades
- 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

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 facades
- Manufacturing of timber standarised structure like Timber frame houses or roof elements

Certificate

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Corresponding products

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

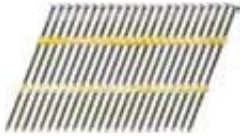
Set includes

- 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-GPG plastic collated nails

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



Certificate

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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

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 facades

Base materials

- Timber
- Plywood
- Chipboard
- Wood

Rawlplug code	Fastener diameter	Length	Head type	Head diameter	Shank type	Finish	Collation	Carton quantity	Pallet quantity	Box Weight	Outer Weight
	[mm]	[mm]		[mm]				[pcs]		kg	kg
R-GPG-38100	3.8	100	Full Round	8.5	Smooth	Bright	Plastic strip	1250	50		
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		
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

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R-RAWL-PN-70 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

Base materials

- Timber
- Plywood
- Chipboard
- Wood

Applications

- Manufacturing pallets, packaging and external trim
- Installation of timber flooring and terraces

Certificate

CE

Corresponding products

- R-RAWL-PN-57 Pneumatic coil nailer
- Spare gasket set
- Operating and Safety manual
- Safety glasses

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	16	2.5	2.1 - 2.3	25 - 57	94	8	5-7	300 - 400	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	16	4.32	2.5 - 3.3	50 - 90	95.1	8	5 - 7	300	350x130x360	4.30	17.20

R-GDP wire collated nails

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

Certificate

CE

Features and benefits

- 16º 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

Applications

- Fencing & gates manufacturing and installation
- Wooden pallets and packaging manufacturing

Base materials

Timber

- Wood
- Plywood
- Chipboard

Rawlplug code	Fastener diameter	Length	Head type	Head diameter	Shank type	Finish	Collation	Carton quantity	Pallet quantity	Box Weight	Outer Weight
	[mm]	[mm]		[mm]				[pcs]		kg	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

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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

Base materials

- Timber
- Plywood
- Wood
- Chipboard

Applications

- Installation of felt roofing
- Installation of roofing foil and breather membranes

Certificate

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Corresponding products

- R-RAWL-C50 Oil lubricated compressor
- R-RAWL-C50-10 oil lubricated air compressor

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

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RAWLPLUG® COMPRESSORS

The Rawlplug compressor range was meticulously developed to align with our pneumatic tools.

Our compressors are designed for both DIY and semi-professional use. All models benefit from easy-start motors, simple to adjust regulators, quick-release air coupling and readily accessible drain valves. Using the highest quality parts in the manufacture of each unit ensures our equipment is powerful, compact and extremely reliable and efficient

R-RAWL-C100-P Oil lubricated compressor

100 litre tank portable air compressor for professional and industrial applications

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

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

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Rawlplug code	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-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

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

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

Certificate

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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

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R-RAWL-C24 Oil lubricated compressor

24 Litre tank portable air compressor for semi proffesional 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

Applications

- Powering nailers, wrenches and other pneumatic tools
- DIY, craftsman and hobby applications
- 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-C24 Oil lubricated compressor
- Operating and Safety manual

Certificate

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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-C24	24	Oil lubricated	2.25	200	95	25	24.12	24.12

R-RAWL-C50 Oil lubricated compressor

50 Litre tank portable air compressor for semi proffesional 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

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

Certificate

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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 tank portable air compressor for proffesional applications

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

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

Certificate

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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

R-RAWL-C6 Oil free compressor

6 Litre tank portable air compressor for hobby and DIY applications

Features and benefits

- 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
- Ol free pump ensures outstanding perfomance in any working conditions. Thanks to the oil free solution the device is able to work in any place and position. It is also safe to transport providing lack of leaking and environmental hazard
- Built in intake filter to avoid damage in transport and storage
- Extremely lightWeight and portable. Low Weight and compact design allows for using the device in most inaccessible areas comfprtably and with providing high level of safety.

Applications

- Supplying compressed air for small stapler and nailing guns
- DIY, craftsman and hobby applications
- Dedicated to DIY applications like inflating bike or car tires

Set includes

- R-RAWL-C6 Oil free compressor
- Operating and Safety manual

Certificate

CE

Rawlplug code	Tank size	Lubrication	Power	Air output	Maximum pressure	Noise level	Weight	Box Weight	Outer Weight
	[L]		[HP]	[L/min]		[dB]	[kg]	kg	kg
R-RAWL-C6	6	None	1,5	160	8 Bar	68	9	10.97	10.97

RT-KGR0010 Hand stapler – Standard, 6-10 mm

Lightweight stapler for flat wire staples; Professional line; Type 140; 6-10 mm

Features and benefits

- Steel body for increased impact resistance
- Folding handle for easy transportation
- 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-KSS013 Staples RL 13

Base materials

- Chipboard
- Fabric
- Oriented Strand Board
- Wood
- Timber
- Plastic

Applications

- Designed for difficult tasks
- Used for upholstery and decorative work

Warranty

Rawlplug code	Range [mm]	Quantity [units]			Weight [kg]			Packaging type
		Units in set [pcs]	Inner [pcs]	Outer [pcs]	Unit	Inner	Outer	
RT-KGR0010	6-14	1	10	40	0.35	3.50	14.00	Double blister

RT-KGR0011 Hammer Tacker, 6-10 mm

Roofing hammer tacker; Professional line; Type 140; 6-10 mm

Warranty

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

Applications

- Designed for attaching tar paper roofing and fixing foil and roof insulation

Corresponding products

- RT-KSS140 Staples RL 140
- RT-KSS1400 Staples RL 140 - box
- RT-KSS140 Stainless steel staples RL 140

Base materials

- Chipboard
- Oriented Strand Board
- Timber
- Wood
- Plasterboard
- Exotic Wood

Rawlplug code	Range [mm]	Quantity [units]			Weight [kg]			Packaging type
		Units in set [pcs]	Inner [pcs]	Outer [pcs]	Unit	Inner	Outer	
RT-KGR0011	6-14	1	10	20	1.10	11.00	22.00	Double blister

RT-KGR0012 Hammer Tacker, 6-10 mm

Roofing hammer tacker; Professional line; Type 140; 6-10 mm

Warranty

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

Applications

- Designed for attaching tar paper roofing and fixing foil and roof insulation

Corresponding products

- RT-KSS013 Staples RL 13

Base materials

- Chipboard
- Oriented Strand Board
- Timber
- Wood
- Plasterboard
- Exotic Wood

Rawlplug code	Range [mm]	Quantity [units]			Weight [kg]			Packaging type
		Units in set [pcs]	Inner [pcs]	Outer [pcs]	Unit	Inner	Outer	
RT-KGR0012	6-14	1	10	10	0.60	6.00	6.00	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

Warranty

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

Applications

- Designed for attaching tar paper roofing and fixing foil and roof insulation

Corresponding products

- RT-KSS140 Staples RL 140
- RT-KSS1400 Staples RL 140 – box
- RT-KSS140 Stainless steel staples RL 140

Base materials

- Oriented Strand Board
- Timber
- Wood
- Plasterboard
- Exotic Wood

Rawlplug code	Range [mm]	Quantity [units]			Weight [kg]			Packaging type
		Units in set [pcs]	Inner [pcs]	Outer [pcs]	Unit	Inner	Outer	
RT-KGR0013	6-14	1	10	10	0.90	9.00	9.00	Double blister

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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

Base materials

- Chipboard
- Exotic Wood
- Plasterboard
- Oriented Strand Board
- Timber
- Wood

Applications

- For heavy-duty carpentry, construction and finishing work

Warranty

Rawlplug code	Range [mm]	Quantity [units]			Weight [kg]			Packaging type
		Units in set [pcs]	Inner [pcs]	Outer [pcs]	Unit	Inner	Outer	
RT-KGR0014	6-14	1	10	40	0.48	4.81	19.24	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

Base materials

- Chipboard
- Plasterboard
- Oriented Strand Board
- Timber
- Wood
- Plywood

Applications

- For heavy-duty carpentry, construction and finishing work

Warranty

Rawlplug code	Range [mm]	Quantity [units]			Weight [kg]			Packaging type
		Units in set [pcs]	Inner [pcs]	Outer [pcs]	Unit	Inner	Outer	
RT-KGR0024	6-14	1	10	20	0.78	7.80	15.54	Double blister

RT-KGR0027 Hand stapler – Cable tacker, 10-14 mm

Specialized professional stapler for parabolic staples; Type 36 ; 10-14 mm

Features and benefits

- Bottom cartridge belt with clip lock allows for the quick reloading of staples
- 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 transportation
- Two-component non-slip handle increases productivity and comfort
- Two-step adjustable punching force allows for adjusting the driving force to the type of material

Corresponding products

- RT-KSS00714 RL36 Staples 14 mm

Base materials

- Chipboard
- Fabric
- Plasterboard
- Oriented Strand Board
- Wood
- Timber

Applications

- Attaching low voltage cables, up to 24V

Warranty

Rawlplug code	Range [mm]	Quantity [units]			Weight [kg]			Packaging type
		Units in set [pcs]	Inner [pcs]	Outer [pcs]	Unit	Inner	Outer	
RT-KGR0027	6-14	1	10	10	0.45	4.50	4.50	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

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

Warranty

Rawlplug code	Range [mm]	Quantity [units]			Weight [kg]			Packaging type
		Units in set [pcs]	Inner [pcs]	Outer [pcs]	Unit	Inner	Outer	
RT-KGR0029	6-14	1	10	20	0.84	8.40	16.88	Double blister

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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 for shooting with a trigger
- 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
- Two-step adjustable punching force allows for adjusting the driving force to the type of material
- 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-KSS00914 RL9 Pins 14 mm
- RT-KSS00814 RL8 Nails 14 mm
- RT-KSS53 Staples RL 53

Base materials

- Oriented Strand Board
- Plastic
- Plywood
- Timber
- Chipboard
- Fabric

Applications

- Designed for difficult tasks that require comprehensive tools, offering both stapling and nailing
- Used for upholstery and decorative work

Warranty

3 YEARS WARRANTY

Rawlplug code	Range [mm]	Quantity [units]			Weight [kg]			Packaging type
		Units in set [pcs]	Inner [pcs]	Outer [pcs]	Unit	Inner	Outer	
RT-KGR0030	6-14	1	10	20	0.50	5.00	10.00	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

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

Warranty

3 YEARS WARRANTY

Rawlplug code	Range [mm]	Quantity [units]			Weight [kg]			Packaging type
		Units in set [pcs]	Inner [pcs]	Outer [pcs]	Unit	Inner	Outer	
RT-KGR0031	6-14	1	10	20	0.91	9.06	18.11	Double blister

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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

Base materials

- Chipboard
- Fabric
- Oriented Strand Board
- Plastic
- Plywood
- Wood

Applications

- Designed for difficult tasks
- Used for upholstery and decorative work

Warranty

3 YEARS WARRANTY

Rawlplug code	Range [mm]	Quantity [units]			Weight [kg]			Packaging type
		Units in set [pcs]	Inner [pcs]	Outer [pcs]	Unit	Inner	Outer	
RT-KGR0032	6-14	1	10	20	0.64	6.37	12.73	Double blister

RT-KGR0033 Hand stapler – 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 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
- Two-step adjustable punching force allows for adjusting the driving force to the type of material

Corresponding products

- RT-KSS53 Staples RL 53

Base materials

- Fabric
- Oriented Strand Board
- Plywood
- Cardboard
- Timber
- Plastic

Applications

- Used for upholstery and decorative work

Warranty

3 YEARS WARRANTY

Rawlplug code	Range [mm]	Quantity [units]			Weight [kg]			Packaging type
		Units in set [pcs]	Inner [pcs]	Outer [pcs]	Unit	Inner	Outer	
RT-KGR0033	6-14	1	10	40	0.30	3.00	12.00	Double blister

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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

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

Warranty

Rawlplug code	Range [mm]	Quantity [units]			Weight [kg]			Packaging type
		Units in set [pcs]	Inner [pcs]	Outer [pcs]	Unit	Inner	Outer	
RT-KGR0034	6-14	1	10	40	0.40	4.00	16.00	Double blister

RT-KGR0053 Hand stapler – Easy squeeze, 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
- ABS body, lightweight impact-resistant housing

Corresponding products

- RT-KSS53 Staples RL 53

Base materials

- Fabric
- Oriented Strand Board
- Plywood
- Cardboard

Applications

- Used for upholstery and decorative work
- For office use

Warranty

Rawlplug code	Range [mm]	Quantity [units]			Weight [kg]			Packaging type
		Units in set [pcs]	Inner [pcs]	Outer [pcs]	Unit	Inner	Outer	
RT-KGR0053	6-14	1	10	40	0.23	2.33	9.30	Double blister

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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

- 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

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

Warranty

Rawlplug code	Range [mm]	Quantity [units]			Weight [kg]			Packaging type
		Units in set [pcs]	Inner [pcs]	Outer [pcs]	Unit	Inner	Outer	
RT-KGR0055	6-14	1	10	10	0.20	2.00	2.00	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

Base materials

- Chipboard
- Fabric
- Oriented Strand Board
- Wood
- Timber
- Plastic

Applications

- Designed for difficult tasks
- Used for upholstery and decorative work

Warranty

Rawlplug code	Range [mm]	Quantity [units]			Weight [kg]			Packaging type
		Units in set [pcs]	Inner [pcs]	Outer [pcs]	Unit	Inner	Outer	
RT-KGR0153	6-14	1	10	40	0.52	5.21	20.86	Double blister

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RT-KGR0162 Hand stapler, 6in1 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

Base materials

- Paper
- Chipboard
- Timber
- Wood

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

Warranty

Rawlplug code	Range [mm]	Quantity			Weight			Packaging type
		Units in set [pcs]	Inner [pcs]	Outer [pcs]	Unit [kg]	Inner [kg]	Outer [kg]	
RT-KGR00162	6-14	1	10	10	0.20	2.00	2.00	Double blister

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			Weight			Packaging type
		Height	Length	Depth	Units in set	Inner	Outer	Unit	Inner	Outer	
		[mm]			[pcs]			[kg]			
RT-KSS05306	RL53	6	11.3	0.75	1000	6	120	0.09	0.51	10.28	Double blister
RT-KSS053065000	RL53	6	11.3	0.75	5000	1	10	0.53	0.53	5.30	Paper box
RT-KSS05308	RL53	8	11.3	0.75	1000	6	120	0.59	5.85	11.70	Double blister
RT-KSS053085000	RL53	8	11.3	0.75	5000	1	10	0.63	0.63	6.30	Paper box
RT-KSS05310	RL53	10	11.3	0.75	1000	6	120	0.11	0.66	13.10	Double blister
RT-KSS053105000	RL53	10	11.3	0.75	5000	1	10	0.75	0.75	7.50	Paper box
RT-KSS05312	RL53	12	11.3	0.75	1000	6	120	0.12	0.74	14.82	Double blister
RT-KSS053125000	RL53	12	11.3	0.75	5000	1	10	0.87	0.87	8.70	Paper box
RT-KSS05314	RL53	14	11.3	0.75	1000	6	120	0.14	0.84	16.80	Double blister
RT-KSS053145000	RL53	14	11.3	0.75	5000	1	10	0.98	0.98	9.80	Paper box

RT-KSS140 Stainless steel 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
- Flat wire stainless steel staples for the best corrosion resistant

Applications

- Professional wide staple for roofers designed for repairs and construction work

Rawlplug code	Type	Body size			Quantity			Weight			Packaging type
		Height	Length	Depth	Units in set	Inner	Outer	Unit	Inner	Outer	
		[mm]			[pcs]			[kg]			
RT-KSS14010SS	RL140	10	10	1.25	1500	5	60	0.19	0.94	11.30	Double blister

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RT-KSS140 Staples RL 140

Flat wire staples; Professional line; Type 140; Ideal for working with insulation material and thin plastic

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	Outer	
		[mm]			[pcs]		[kg]		
RT-KSS14006	RL140	6	10,5	1.25	1250	6	0.82	9.82	Double blister
RT-KSS140065040	RL140	6	10,5	1.25	5040	6	5.45	5.45	Paper box
RT-KSS14008	RL140	8	10,5	1.25	1250	6	0.94	0.94	Double blister
RT-KSS140085040	RL140	8	10,5	1.25	5040	6	6.50	6.50	Paper box
RT-KSS14010	RL140	10	10,5	1.25	1250	6	1.07	1.07	Double blister
RT-KSS140105040	RL140	10	10,5	1.25	5040	6	7.50	7.50	Paper box
RT-KSS14012	RL140	12	10,5	1.25	1250	6	1.21	1.21	Double blister
RT-KSS140125040	RL140	12	10,5	1.25	5040	6	8.66	8.66	Paper box
RT-KSS14014	RL140	14	10,5	1.25	1250	6	6.71	6.71	Double blister
RT-KSS140145040	RL140	14	10,5	1.25	5040	6	9.78	9.78	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			Weight			Packaging type
		Height	Length	Depth	Units in set	Inner	Outer	Unit	Inner	Outer	
		[mm]			[pcs]			[kg]			
RT-KSS01306	RL13	6	11.3	0.7	1000	1	10	0.12	0.12	1.20	Double blister
RT-KSS013062500	RL13	6	11.3	0.7	2500	1	10	0.28	0.28	2.80	Paper box
RT-KSS01308	RL13	8	11.3	0.7	1000	1	10	0.13	0.13	1.30	Double blister
RT-KSS013082500	RL13	8	11.3	0.7	2500	1	10	0.30	0.30	3.00	Paper box
RT-KSS01310	RL13	10	11.3	0.7	1000	1	10	0.14	0.14	1.40	Double blister
RT-KSS013102500	RL13	10	11.3	0.7	2500	1	10	0.33	0.33	3.30	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			Weight			Packaging type
		Height	Length	Depth	Units in set	Inner	Outer	Unit	Inner	Outer	
		[mm]			[pcs]			[kg]			
RT-KSS00714	RL36	14	7.7	1.25	1500	6	60	0.10	0.60	3.60	Double blister

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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			Weight			Packaging type
		Height	Length	Depth	Units in set	Inner	Outer	Unit	Inner	Outer	
		[mm]			[pcs]			[kg]			
RT-KSS00814	RL8	14	2	1.25	1000	6	60	0.14	8	4	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			Weight			Packaging type
		Height	Length	Depth	Units in set	Inner	Outer	Unit	Inner	Outer	
		[mm]			[pcs]			[kg]			
RT-KSS00914	RL9	14	1.25	1000	1000	6	60	0.13	4	68	Double blister

RT-GG-180 Professional glue gun 180W

A durable glue gun with fast warm-up and high efficiency

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

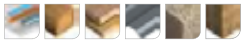
Base materials

- Plastic
- Wood
- Plywood
- Metal Sheet & Profiles
- Natural Stone
- Ceramics

Applications

- Production line
- Packing
- Installing pipe insulation
- Installation works
- Installation
- Repairs

Warranty



Rawlplug code	Quantity [units]			Weight			Packaging type
	Units in set [pcs]	Inner [pcs]	Outer [pcs]	Unit [kg]	Inner [kg]	Outer [kg]	
RT-GG-180	1	1	6	1.22	1.22	7.33	Box
RT-GG-180-UK	1	1	6	1.22	1.22	7.33	Box

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RT-GG-080 Universal glue gun 80W

A durable glue gun with fast warm-up and high efficiency

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

Base materials

- Plastic
- Plasterboard
- Plywood
- Metal Sheet & Profiles
- Ceramics
- Glass

Applications

- Repairs
- Installation works
- Woodworking
- Installation
- Installing pipe insulation
- Sealing

Warranty

Rawlplug code	Quantity [units]			Weight			Packaging type
	Units in set [pcs]	Inner [pcs]	Outer [pcs]	Unit [kg]	Inner [kg]	Outer [kg]	
RT-GG-080	1	6	12	0.58	3.48	7.00	Double blister
RT-GG-080-UK	1	6	12	0.58	3.48	7.00	Double blister

RT-GG-055 Glue gun 55W

Small gun for everyday use and finishing works

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

Base materials

- Plastic
- Wood
- Plywood
- Metal Sheet & Profiles
- Natural Stone
- Ceramics

Applications

- Installation
- Sealing
- Repairs
- Upholstery
- Decor
- Floral arrangements

Warranty

Rawlplug code	Quantity [units]			Weight			Packaging type
	Units in set [pcs]	Inner [pcs]	Outer [pcs]	Unit [kg]	Inner [kg]	Outer [kg]	
RT-GG-055	1	12	24	0.41	10.00	20.00	Box
RT-GG-055-UK	1	12	24	0.41	10.00	20.00	Box

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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

Base materials

- Cardboard
- Plastic
- Wood

Applications

- Universal glue sticks for bonding the majority of commercially available materials

Corresponding products

- RT-GG-055 Glue gun 55W
- RT-GG-080 Universal glue gun 80W
- RT-GG-180 Professional glue gun 180W

Rawlplug code	Glue size	Length	Quantity [units]			Weight			Packaging type
			Units in set [pcs]	Inner [pcs]	Outer [pcs]	Unit [kg]	Inner [kg]	Outer [kg]	
RT-GS-U1	12	100	12	5	40	0.13	0.65	5.20	Double blister
RT-GS-U2	12	200	44	1	5	0.99	0.99	4.95	Double blister
RT-GS-U2B	12	200	10	1	15	0.23	0.23	3.41	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

Base materials

- Cardboard
- Paper

Applications

- This glue stick is perfect for bonding cardboard and paper surfaces

Corresponding products

- RT-GG-055 Glue gun 55W
- RT-GG-080 Universal glue gun 80W
- RT-GG-180 Professional glue gun 180W

Rawlplug code	Glue size	Length	Quantity [units]			Weight			Packaging type
			Units in set [pcs]	Inner [pcs]	Outer [pcs]	Unit [kg]	Inner [kg]	Outer [kg]	
RT-GS-C2	12	200	44	1	5	1.02	1.02	5.11	Double blister
RT-GS-C2B	12	200	10	1	15	0.22	0.22	3.30	Bag

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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

Base materials

- Plastic
- Paper

Applications

- This glue stick is perfect for bonding cardboard and paper surfaces

Corresponding products

- RT-GG-055 Glue gun 55W
- RT-GG-080 Universal glue gun 80W
- RT-GG-180 Professional glue gun 180W

Rawlplug code	Glue size	Length	Quantity [units]			Weight			Packaging type
			Units in set [pcs]	Inner [pcs]	Outer [pcs]	Unit [kg]	Inner [kg]	Outer [kg]	
RT-GS-P2	12	200	44	1	5	1.01	1.01	5.04	Double blister
RT-GS-P2B	12	200	10	1	15	0.22	0.22	3.30	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

Base materials

- Wood
- Plywood
- Chipboard
- Oriented Strand Board

Applications

- For bonding wood surfaces, wood-based materials and leather

Corresponding products

- RT-GG-055 Glue gun 55W
- RT-GG-080 Universal glue gun 80W
- RT-GG-180 Professional glue gun 180W

Rawlplug code	Glue size	Length	Quantity [units]			Weight			Packaging type
			Units in set [pcs]	Inner [pcs]	Outer [pcs]	Unit [kg]	Inner [kg]	Outer [kg]	
RT-GS-W2	12	200	44	1	5	0.98	0.98	4.90	Double blister
RT-GS-W2B	12	200	10	1	15	0.22	0.22	3.30	Bag

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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]			Weight			Packaging type
			Units in set [pcs]	Inner [pcs]	Outer [pcs]	Unit [kg]	Inner [kg]	Outer [kg]	
RT-GS-S2	12	200	44	1	5	0.98	0.98	4.92	Double blister
RT-GS-S2B	12	200	10	1	15	0.22	0.22	3.30	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]			Weight			Packaging type
			Units in set [pcs]	Inner [pcs]	Outer [pcs]	Unit [kg]	Inner [kg]	Outer [kg]	
RT-GS-E1	12	100	12	5	40	0.13	0.65	5.20	Double blister
RT-GS-E2	12	200	44	1	5	0.96	0.96	4.80	Double blister
RT-GS-E2B	12	200	10	1	15	0.23	0.23	3.46	Bag

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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]			Weight			Packaging type
			Units in set [pcs]	Inner [pcs]	Outer [pcs]	Unit [kg]	Inner [kg]	Outer [kg]	
RT-GS-M2	12	200	44	1	5	0.97	0.97	4.84	Double blister

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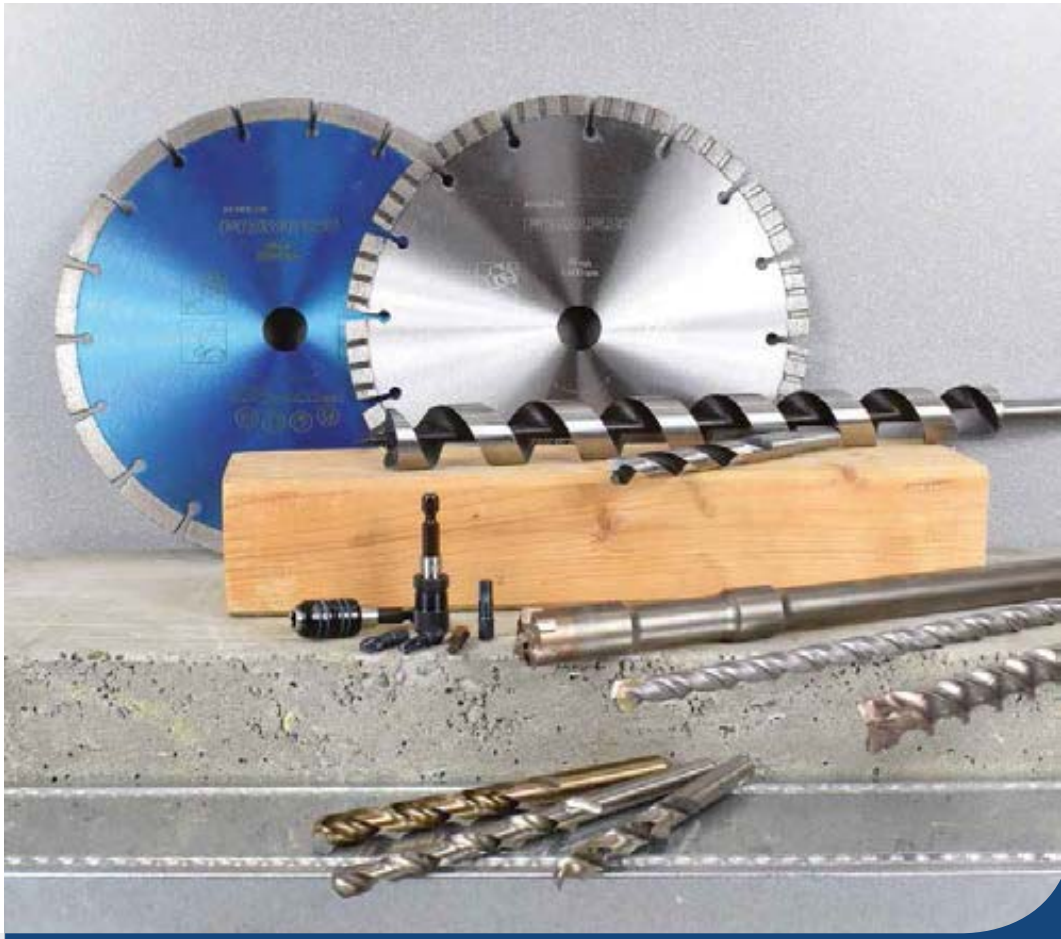

RAWLPLUG®

100 YEARS OF EXPERTISE
IN FIXINGS, FASTENERS AND TOOLS

Power Tool Accessories

RAWLPLUG®

HIGHLIGHTS

RT-MAXH
RT-SDSH

Hollow Drill Bits
Dustless Drill SDS max

SAFETY

Thanks to the special design and features of the Dustlessdrill bits, no dust harmful to human health escapes the hole while it is being drilled. This proves particularly significant when drilling in ceilings, which is very problematic using standard drill bits as drillings fall on the user. A hollow drill bit appears to be a perfect solution for such working conditions.

ERGONOMICS AT WORK

High quality fixings require you to first prepare axial, cylindrical and even more importantly dust-free holes. The Dustlessdrill system ensures optimised drilling parameters without using any additional accessories. A sufficiently cleaned hole is a guarantee that the anchor's load capacity may rise by even as much as 85%.

TIME SAVING

40% is how much time you can save by preparing holes using the Dustlessdrill bits. Time saving is one of the main advantages of hollow drill bits compared to the spiral ones.

QUALITY AND SERVICE LIFE

High fixing reliability depends on a number of factors, including the hole geometry. Consequently, drill bit certification processes are typically characterised by very highly demanding requirements. The international marking of PGM Sicher Safe®, which our hollow drill bits have been granted, is sufficient evidence that they are safe in use and of top quality.

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RT-MAXH

DUSTLESS DRILL SDS MAX

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

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
- 3 deep-seated carbide plates significantly increase the service life and efficiency of the drill bit
- 6 cutting edges increase the efficiency of drilling and speeds up hole drilling
- Centring point for quick commencement of drilling without the drill slipping
- Optimized drill bit geometry allows making axial and cylindrical holes, perfect for mounting
- Steel with specification 34CrNiMo6 provides high strength and durability
- Extremely high quality, cylindricity and axial alignment of drilled holes, confirmed

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The Dustlessdrill SDS® Plus and SDS® Max drill bits are not merely instruments to ensure anchoring that complies with the Rawlplug system requirements. Using them allows you to save drilling time and reduce the emission of chemically harmful dust, which is gradually becoming a standard requirement at construction sites in more and more countries (e.g. recommendations of OSHA for USA or of HSE for UK).

APPLICATIONS

- Drilling holes in reinforced concrete
- concrete
- stone
- twardej cegle

Karta produktu

SUBSTRATE MATERIAL

- Reinforced concrete C12/15-C50/60
- Concrete
- Natural Stone
- Hard brick

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RT-MAXT

Turbodrill SDS MAX

FUNCTIONALITY

The Turbodrill SDS® max bits allow you to easily drill through rebars with diameters of even up to 22 mm.

DURABILITY

Up to 1,000 holes with 1 drill bit? Yes, it's possible! The SDS® max drill bits have proved their worth in numerous tests and under difficult construction conditions all around the world. The above result was obtained while testing a drill bit of 24 mm in diameter in class C50/60 concrete using a hammer drill of 8.8 J impact energy.

SPEED

The special carbide tip shape and deep grooves of the drill bit core enable very fast drilling of large diameter holes in concrete to depths even up to 30 cm within 1 minute!

INNOVATIVE DESIGN

The only SDS® max drill bit with 100% carbide tip. 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 the bit.

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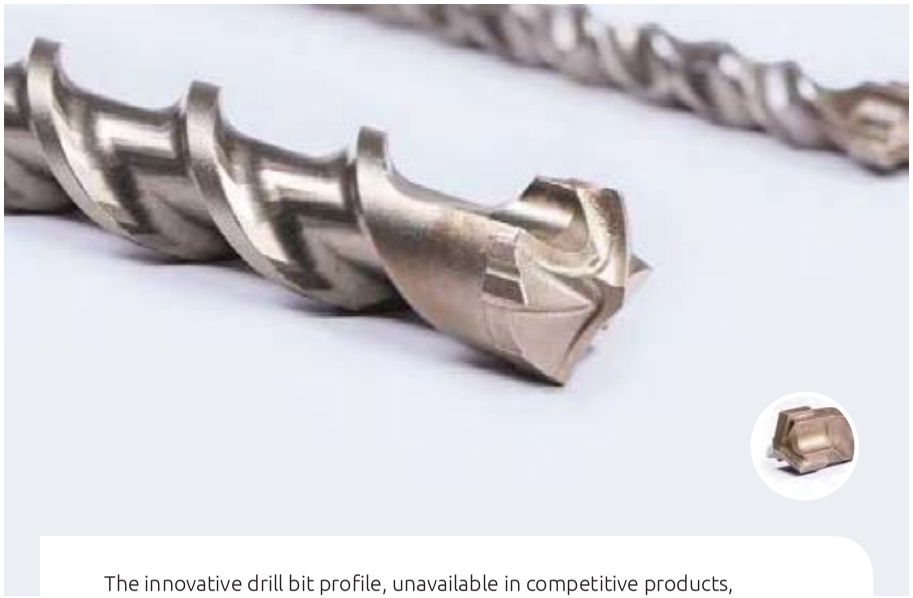
RT-MAXT

TURBODRILL SDS MAX

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

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.



The innovative drill bit profile, unavailable in competitive products, ensures unparalleled drilling results, providing the user with an opportunity to save time while drilling in hard construction materials.

APPLICATIONS

- Drilling holes in reinforced concrete
- concrete
- stone
- twardej cegle

Karta produktu

SUBSTRATE MATERIAL

- Reinforced concrete C12/15-C50/60
- Concrete
- Natural Stone
- Hard brick

RT-MAXH Hollow drill bits Dustlessdrill SDS max

NEW!

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

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

Rawlplug code	Drill diameter	Length	Working length	Quantity	Inner box weight
	[mm]	[mm]	[mm]	[pcs]	[kg]
RT-MAXH-14/600	14	600	400	1	0.82
RT-MAXH-16/600	16	600	400	1	0.92
RT-MAXH-18/600	18	600	400	1	0.99
RT-MAXH-20/600	20	600	400	1	1.13
RT-MAXH-22/600	22	600	400	1	1.13
RT-MAXH-25/600	25	600	400	1	1.12
RT-MAXH-28/600	28	600	400	1	1.29
RT-MAXH-30/600	30	600	400	1	1.44
RT-MAXH-32/600	32	600	400	1	1.48
RT-MAXH-35/600	35	600	400	1	1.59

RT-MAXT Turbodrill SDS MAX

NEW!

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

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.)

Rawlplug code	Drill diameter	Length	Working length	Quantity	Inner box weight
	[mm]	[mm]	[mm]	[pcs]	[kg]
RT-MAXT-15/340	15	340	200	1	0.44
RT-MAXT-15/540	15	540	400	1	0.59
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
RT-MAXT-18/340	18	340	200	1	0.50
RT-MAXT-18/540	8	540	400	1	0.72
RT-MAXT-18/690	18	690	550	1	0.89
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
RT-MAXT-22/540	22	540	400	1	0.93
RT-MAXT-22/690	22	690	550	1	1.17
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
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
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
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
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
RT-MAXT-32/340	32	340	200	1	0.88
RT-MAXT-32/540	32	540	400	1	1.47
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
RT-MAXT-36/540	36	540	400	1	1.95
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
RT-MAXT-40/540	40	540	400	1	2.00
RT-MAXT-42/540	42	540	400	1	2.28
RT-MAXT-45/540	45	540	400	1	2.28

RT-MAXR Rebardrill SDS MAX

NEW!

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

T-MAXR Rebardrill SDS MAX (cont.)

Certificate

Features and benefits

- Monolithic carbide tip increases the life of the drill bit
- Centring 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

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

RT-MAXA Drill bits Aggressor SDS max

Professional SDS max drill bits for drilling in reinforced concrete

Certificate

Features and benefits

- 3 deep-seated carbide plates significantly increase the service life and efficiency of the drill bit
- 6 cutting edges increase the efficiency of drilling and speeds up hole drilling
- 3 self-centring points allow drilling through reinforcement, also when the edge of a rod is struck
- Optimized drill bit geometry allows making axial and cylindrical holes, perfect for mounting
- 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 reinforced concrete, concrete, stone and hard brick

RT-MAXA Drill bits Aggressor SDS max (cont.)

Rawlplug code	Drill diameter	Length	Working length	Quantity	Inner box weight
	[mm]	[mm]	[mm]	[pcs]	kg
RT-MAXA-15/340	15	340	200	1	0.44
RT-MAXA-15/540	15	540	400	1	0.59
RT-MAXA-16/340	16	340	200	1	0.44
RT-MAXA-16/540	16	540	400	1	0.59
RT-MAXA-16/690	16	690	550	1	0.70
RT-MAXA-18/340	18	340	200	1	0.50
RT-MAXA-18/540	18	540	400	1	0.72
RT-MAXA-18/690	18	690	550	1	0.89
RT-MAXA-20/340	20	340	200	1	0.55
RT-MAXA-20/540	20	540	400	1	0.82
RT-MAXA-20/690	20	690	550	1	1.04
RT-MAXA-20/920	20	920	780	1	1.11
RT-MAXA-22/340	22	340	200	1	0.60
RT-MAXA-22/540	22	540	400	1	0.93
RT-MAXA-22/690	22	690	550	1	1.17
RT-MAXA-22/920	22	920	780	1	1.60
RT-MAXA-24/340	24	340	200	1	0.67
RT-MAXA-24/540	24	540	400	1	1.05
RT-MAXA-24/690	24	690	550	1	1.31
RT-MAXA-24/920	24	920	780	1	1.87
RT-MAXA-25/340	25	340	200	1	0.74
RT-MAXA-25/540	25	540	400	1	1.14
RT-MAXA-25/690	25	690	550	1	1.50
RT-MAXA-25/920	25	920	780	1	1.79
RT-MAXA-26/340	26	340	200	1	0.74
RT-MAXA-26/540	26	540	400	1	1.18
RT-MAXA-26/690	26	690	550	1	1.33
RT-MAXA-26/920	26	920	780	1	2.21
RT-MAXA-28/340	28	340	200	1	0.83
RT-MAXA-28/540	28	540	400	1	1.33
RT-MAXA-28/690	28	690	550	1	1.69
RT-MAXA-28/920	28	920	780	1	2.44
RT-MAXA-30/340	30	340	200	1	0.87
RT-MAXA-30/540	30	540	400	1	1.47
RT-MAXA-30/690	30	690	550	1	1.89
RT-MAXA-30/920	30	920	780	1	2.62
RT-MAXA-32/340	32	340	200	1	0.88
RT-MAXA-32/540	32	540	400	1	1.48
RT-MAXA-32/920	32	920	780	1	2.77
RT-MAXA-35/340	35	340	200	1	0.97
RT-MAXA-35/540	35	540	400	1	1.55
RT-MAXA-35/690	35	690	550	1	2.10
RT-MAXA-36/540	36	540	400	1	1.95
RT-MAXA-38/340	38	340	200	1	1.10
RT-MAXA-38/540	38	540	400	1	1.74
RT-MAXA-38/690	38	690	550	1	2.33
RT-MAXA-40/540	40	540	400	1	2.01
RT-MAXA-40/920	40	920	780	1	3.81
RT-MAXA-42/540	42	540	400	1	2.02
RT-MAXA-45/540	45	540	400	1	2.28

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

RT-MAXA-FT Flat chisel SDS max (cont.)

Rawlplug code	Length	Quantity	Weight
	[mm]	[pcs]	kg
RT-MAXA-FT-24/280	280	1	0.30
RT-MAXA-FT-24/400	400	1	0.73
RT-MAXA-FT-50-360	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	Length	Quantity	Inner box weight
	mm	pcs	kg
RT-MAXA-CH-26/301	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	Length	Quantity	Inner box weight
	mm	pcs	kg
RT-MAXA-BH-35/380	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

Certificate

Features and benefits

- Centring 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

Rawlplug code	Drill diameter	Length	Working length	Quantity	Inner box weight
	mm	mm	mm	pcs	kg
RT-SDSA-4/110	4	110	50	1	0.04
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-5/460	5	460	400	1	0.08
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
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

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RT-SDSA Drill bits Aggressor SDS plus (cont.)

Rawlplug code	Drill diameter	Length	Working length	Quantity	Inner box weight
	mm	mm	mm	pcs	kg
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-6/460	6	460	400	1	0.09
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
RT-SDSA-7/110	7	110	50	1	0.04
RT-SDSA-7/160	7	160	100	1	0.05
RT-SDSA-8/110	8	110	50	1	0.04
RT-SDSA-8/160	8	160	100	1	0.06
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-8/310	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
RT-SDSA-9/160	9	160	100	1	0.07
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
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-10/410	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
RT-SDSA-11/260	11	260	200	1	0.12
RT-SDSA-11/310	11	310	250	1	0.15
RT-SDSA-11/410	11	410	350	1	0.19
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
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

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RT-SDSA Drill bits Aggressor SDS plus (cont.)

Rawlplug code	Drill diameter	Length	Working length	Quantity	Inner box weight
	[mm]	[mm]	mm	pcs	kg
RT-SDSA-14/610	14	610	550	1	0.38
RT-SDSA-14/1000	14	1000	940	1	0.62
RT-SDSA-15/160	15	160	100	1	0.14
RT-SDSA-15/210	15	210	150	1	0.17
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-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
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	0.41
RT-SDSA-18/610	18	610	550	1	0.68
RT-SDSA-18/1000	18	1000	940	1	1.11
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-22/310	22	310	250	1	0.44
RT-SDSA-22/460	22	460	400	1	0.64
RT-SDSA-24/310	24	310	250	1	0.49
RT-SDSA-24/460	24	460	400	1	0.74
RT-SDSA-25/310	25	310	250	1	0.96
RT-SDSA-25/460	25	460	400	1	0.96
RT-SDSA-26/460	26	460	400	1	0.87
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

- Centring 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

Rawlplug code	Drill diameter	Length	Inner box weight
	mm	mm	kg
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

- Centring 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

Rawlplug code	Drill diameter	Length	Inner box weight
	mm	mm	kg
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
- Suitable for operation with SDS plus hammer drill

Rawlplug code	Drill diameter	Length	Working length	Quantity	Inner box weight
	mm	mm	mm	pcs	kg
RT-SDSB-6/260	6	260	200	1	0.07
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

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RT-SDSB Drill bits Brickdrill SDS plus (cont.)

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

NEW!

RT-SDSG Drill bits Rebardrill SDS plus

HighDrill 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

Rawlplug code	Drill diameter	Length	Weight
	mm	mm	kg
RT-SDSG-3/085	3	85	0.03
RT-SDSG-4/110	4	110	0.04
RT-SDSG-4/160	4	160	0.04
RT-SDSG-5/110	5	110	0.04
RT-SDSG-5/160	5	160	0.04
RT-SDSG-6/110	6	110	0.04
RT-SDSG-6/160	6	160	0.05
RT-SDSG-8/110	8	110	0.04
RT-SDSG-8/160	8	160	0.06
RT-SDSG-10/110	10	110	0.05
RT-SDSG-10/160	10	160	0.07
RT-SDSG-12/160	12	160	0.09
RT-SDSG-14/160	14	160	0.11
RT-SDSG-16/160	16	160	0.14

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RT-SDSR Drill bits Rebardrill SDS plus

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
- Centring 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

Rawlplug code	Drill diameter	Length	Working length	Quantity	Inner box weight
	mm	mm	mm	pcs	kg
RT-SDSR-5/160	5	160	100	1	0.04
RT-SDSR-5/160B12	5	160	100	12	0.48
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-7/160	7	160	100	1	0.05
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-8/460	8	460	400	1	0.13
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-10/460	10	460	400	1	0.30
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
RT-SDSR-14/210	14	210	150	1	0.14

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RT-SDSR Drill bits Rebardrill SDS plus (cont.)

Rawlplug code	Drill diameter	Length	Working length	Quantity	Inner box weight
	mm	mm	mm	pcs	kg
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
RT-SDSR-15/160	15	160	100	1	0.13
RT-SDSR-15/210	15	210	150	1	0.16
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
RT-SDSR-18/210	18	210	150	1	0.22
RT-SDSR-18/310	18	310	250	1	0.26
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

Certificate

Features and benefits

- Monolithic carbide tip increases the life of the drill bit
- Centring 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

Rawlplug code	Drill diameter	Length	Quantity	Inner box weight
	mm	mm	pcs	kg
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
- Centring 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

Rawlplug code	Drill diameter	Length	Quantity	Inner box weight
	mm	mm	pcs	kg
RT-SDSR-SET2	5; 6; 8; 10; 12	160	1	0.32

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
- Centring 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

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

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RT-HCB

Hollow Core Bits SDS plus

INNOVATIVE DESIGN

The slanted arrangement of the carbide plates ensures higher drilling efficiency in hard concrete.

WIDE RANGE

To ensure the proper selection of diameters for the most common applications we introduce Hollow Core bits SDS plus in sizes from 30 mm to 130 mm, together with a special pilot drill with a diameter of 8 mm.

COMPATIBILITY

SDS plus holder fits to all rotary hammer drills in this product class available on the market.

DURABILITY

High-temperature soldered carbide plates provide high resistance to chipping and increase service life.

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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.

CE

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 a 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

Hollow core bits, resistant to impact, designed for the toughest applications in cooperation with rotary hammer and SDS plus holder.
We recommend that they are used with appropriate tools. We'd also like to remind you that the operating instructions of the rotary hammer drill need to be observed.

APPLICATIONS

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

SUBSTRATE MATERIAL

- Concrete
- Solid Brick
- Hollow Brick
- Natural Stone
- Aerated Concrete Block

RT-HCB Hollow Core Bits SDS plus

NEW!

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 through insulation for facade and roofing mounting
- Suitable for operation with the RoofSystem adapter

Rawlplug code	Drill diameter	Length	Inner box weight
	mm	mm	kg
RT-HCB-030-070	30	70	0.16
RT-HCB-035-070	35	70	0.21
RT-HCB-040-070	40	70	0.23
RT-HCB-045-070	45	70	0.26
RT-HCB-050-070	50	70	0.31
RT-HCB-060-070	60	70	0.39
RT-HCB-066-070	66	70	0.43
RT-HCB-068-070	68	70	0.44
RT-HCB-070-070	70	70	0.47
RT-HCB-080-070	80	70	0.54
RT-HCB-085-070	85	70	0.60
RT-HCB-090-070	90	70	0.65
RT-HCB-105-070	105	70	0.82
RT-HCB-125-070	125	70	1.12
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
RT-HCB-PD8	8	100	0.024

Availability Q2 2019

RT-SDSH Hollow drill bits Dustlessdrill SDS plus

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

RT-SDSH Hollow drill bits Dustlessdrill SDS plus (cont.)

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
- Centring 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

Rawlplug code	Drill diameter	Length	Working length	Quantity	Inner box weight
	mm	mm	mm	pcs	kg
RT-SDSH-8/270	8	270	150	1	0.22
RT-SDSH-10/270	10	270	150	1	0.25
RT-SDSH-12/320	12	320	200	1	0.31
RT-SDSH-14/370	14	370	250	1	0.39
RT-SDSH-15/370	15	370	250	1	0.50
RT-SDSH-16/370	16	370	250	1	0.43
RT-SDSH-18/370	18	370	250	1	0.53
RT-SDSH-20/370	20	370	250	1	0.62
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

Certificate

Features and benefits

- Monolithic carbide tip increases the life of the drill bit
- Centring 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

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

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 facade 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

- Centring 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 facade and roofing mounting
- Suitable for operation with the RoofSystem adapter

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

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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 facade and roofing mounting
- Suitable for operation with the RoofSystem adapter

Rawlplug code	Drill diameter	Length	Working length	Quantity	Inner box weight
	mm	mm	mm	pcs	kg
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

- Centring 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 facade and roofing mounting
- Suitable for operation with the RoofSystem adapter

Rawlplug code	Drill diameter	Length	Working length	Quantity	Inner box weight
	mm	mm	mm	pcs	kg
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

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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

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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

Rawlplug code	Drill diameter	Length	Quantity	Inner box weight
	mm	mm	pcs	kg
RT-IMP-030-060	3	60	1	0.01
RT-IMP-040-075	4	75	1	0.01
RT-IMP-050-085	5	85	1	0.01
RT-IMP-050-150	5	150	1	0.13
RT-IMP-055-095	5.5	95	1	0.01
RT-IMP-055-150	5.5	150	1	0.13
RT-IMP-060-100	6	100	1	0.02
RT-IMP-060-150	6	150	1	0.15
RT-IMP-065-100	6.5	100	1	0.02
RT-IMP-065-150	6.5	150	1	0.15
RT-IMP-070-100	7	100	1	0.02
RT-IMP-070-150	7	150	1	0.20
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
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
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
RT-IMP-140-300	14	300	1	0.45
RT-IMP-140-400	14	400	1	0.18
RT-IMP-160-300	16	300	1	0.58
RT-IMP-160-400	16	400	1	0.20
RT-IMP-180-400	18	400	1	0.25
RT-IMP-200-400	20	400	1	0.30

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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 centring 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

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

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RT-HSSP HSS drill bits

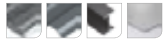
Ground HSS drill bits for a precise drilling in steel and non-ferrous metal

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 centring 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



Rawlplug code	Drill diameter	Length	Quantity in pouch and square tube	Quantity	Inner box weight
	mm	mm	pcs	[pcs]	kg
RT-HSSP-010	1	34	3	1	1.72
RT-HSSP-010-B10	1	34	10	1	3.15
RT-HSSP-015	1.5	40	3	1	2.02
RT-HSSP-015-B10	1.5	40	10	1	3.90
RT-HSSP-020	2	49	3	1	1.56
RT-HSSP-020-B10	2	49	10	1	4.35
RT-HSSP-025	2.5	57	3	1	1.62
RT-HSSP-025-B10	2.5	57	10	1	4.42
RT-HSSP-030	3	61	3	1	1.80
RT-HSSP-030-B10	3	61	10	1	4.94
RT-HSSP-031	3.1	63	2	1	1.36
RT-HSSP-031-B10	3.1	63	10	1	4.40
RT-HSSP-032	3.2	65	2	1	1.36
RT-HSSP-032-B10	3.2	65	10	1	4.40
RT-HSSP-033	3.3	68	2	1	1.36
RT-HSSP-033-B10	3.3	68	10	1	4.73
RT-HSSP-035	3.5	70	2	1	1.53
RT-HSSP-035-B10	3.5	70	10	1	5.72
RT-HSSP-040	4	75	2	1	1.54
RT-HSSP-040-B10	4	75	10	1	7.14
RT-HSSP-041	4.1	75	2	1	1.68
RT-HSSP-041-B10	4.1	75	10	1	7.67
RT-HSSP-042	4.2	78	2	1	1.68
RT-HSSP-042-B10	4.2	78	10	1	8.19
RT-HSSP-043	4.3	78	2	1	1.82
RT-HSSP-043-B10	4.3	78	10	1	4.75
RT-HSSP-045	4.5	80	2	1	1.89
RT-HSSP-045-B10	4.5	80	10	1	5.00
RT-HSSP-048	4.8	82	2	1	1.74
RT-HSSP-048-B10	4.8	82	10	1	5.35
RT-HSSP-049	4.9	84	2	1	1.80
RT-HSSP-049-B10	4.9	84	10	1	5.45
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

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RT-HSSP HSS drill bits (cont.)

Rawlplug code	Drill diameter	Length	Quantity in pouch and square tube	Quantity	Inner box weight
	mm	mm	pcs	pcs	kg
RT-HSSP-051-B10	5.1	90	10	1	5.95
RT-HSSP-055	5.5	93	1	1	1.44
RT-HSSP-055-B10	5.5	93	10	1	6.23
RT-HSSP-060	6	93	1	1	1.42
RT-HSSP-060-B10	6	93	10	1	7.31
RT-HSSP-065	6.5	101	1	1	1.64
RT-HSSP-065-B10	6.5	101	10	1	7.95
RT-HSSP-070	7	109	1	1	1.80
RT-HSSP-070-B10	7	109	10	1	9.05
RT-HSSP-075	7.5	109	1	1	2.00
RT-HSSP-075-B5	7.5	109	5	1	6.00
RT-HSSP-080	8	117	1	1	1.30
RT-HSSP-080-B5	8	117	5	1	3.50
RT-HSSP-085	8.5	117	1	1	1.42
RT-HSSP-085-B5	8.5	117	5	1	3.90
RT-HSSP-090	9	125	1	1	1.36
RT-HSSP-090-B5	9	125	5	1	3.53
RT-HSSP-095	9.5	125	1	1	1.44
RT-HSSP-095-B5	9.5	125	5	1	3.78
RT-HSSP-100	10	133	1	1	1.64
RT-HSSP-100-B5	10	133	5	1	4.38
RT-HSSP-110	11	142	1	1	1.71
RT-HSSP-110-B5	11	142	5	1	2.75
RT-HSSP-120	12	151	1	1	1.94
RT-HSSP-120-B5	12	151	5	1	3.45
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 centring 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

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RT-HSSL HSS drill bits (cont.)

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

Rawlplug code	Drill diameter	Length	Quantity in pouch	Quantity	Inner box weight
	mm	mm	pcs	pcs	kg
RT-HSSD-032	3.2	49	2	1	1.32
RT-HSSD-042	4.2	55	2	1	1.62
RT-HSSD-052	5.2	62	2	1	1.80

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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

Rawlplug code	Drill diameter	Length	Quantity in pouch	Quantity	Inner box weight
	mm	mm	pcs	pcs	kg
RT-AWD-100-400	10	400	1	1	2.48
RT-AWD-120-400	12	400	1	1	2.25
RT-AWD-140-400	14	400	1	1	2.45
RT-AWD-160-400	16	400	1	1	1.97
RT-AWD-180-400	18	400	1	1	2.20
RT-AWD-200-400	20	400	1	1	2.40
RT-AWD-220-400	22	400	1	1	2.75
RT-AWD-240-400	24	400	1	1	2.48
RT-AWD-260-400	26	400	1	1	2.92
RT-AWD-280-400	28	400	1	1	3.24
RT-AWD-300-400	30	400	1	1	2.69

RT-FWD Formwork drill bits

Formwork drll 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

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RT-FWD Formwork drill bits (cont.)

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

RT-PDW Point drill bits

Drill bits with two blades and centering 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

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

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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

- Centering 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

Rawlplug code	Drill diameter	Length	Quantity in pouch	Quantity	Inner box weight
	mm	mm	pcs	pcs	kg
RT-FLWD-100-152	10	152	1	1	2.88
RT-FLWD-120-152	12	152	1	1	3.02
RT-FLWD-140-152	14	152	1	1	2.82
RT-FLWD-160-152	16	152	1	1	2.84
RT-FLWD-180-152	18	152	1	1	2.52
RT-FLWD-200-152	20	152	1	1	2.58
RT-FLWD-220-152	22	152	1	1	2.26
RT-FLWD-240-152	24	152	1	1	2.66
RT-FLWD-260-152	26	152	1	1	2.28
RT-FLWD-280-152	28	152	1	1	2.40
RT-FLWD-300-152	30	152	1	1	2.86
RT-FLWD-320-152	32	152	1	1	2.96
RT-FLWD-350-152	35	152	1	1	3.08

NEW!

RT-DKW Decking kit

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

- 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

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RT-HS-SET Hole Saws sets

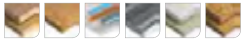
Sets of hole saws ideally suited to work in wood and metal, carried out by electricians and plumbers

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-BIT-PH Phillips screwdriver bits

Phillips screwdriver bits with precision milled head

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
- Anticorrosion coating, blue colour, prevents rust

Applications

- Screwdriving of Phillips screws for wood and drywall

Rawlplug code	Size	Length	Quantity in rawllite/blister	Quantity	Inner box weight
		mm	pcs	pcs	kg
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

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RT-BIT-PZ Pozidriv screwdriver bits

Pozidriv screwdriver bits with precision milled head

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
- Anticorrosion coating, blue colour, prevents rust

Applications

- Screwdriving of Pozidriv screws, a wide range of applications in wood and light mountings

Rawlplug code	Size	Length	Quantity in rawlite/blister	Quantity	Inner box weight
		mm	pcs	pcs	kg
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-TORX T type screwdriver bits

T type screwdriver bits with precision milled head

Features and benefits

- Special steel S2
- 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
- Anticorrosion coating, blue colour, prevents rust

Applications

- Screwdriving of T type screws for wood, metal and concrete

Rawlplug code	Size	Length	Quantity in rawlite/blister	Quantity	Inner box weight
		mm	pcs	pcs	kg
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-TORX20/25	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

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RT-BIT-TORX T type screwdriver bits (cont.)

Rawlplug code	Size	Length	Quantity in rawlite/blister	Quantity	Inner box weight
		mm	pcs	pcs	kg
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-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-HEX Hexagonal bits

Hexagonal bits with precision milled head

Features and benefits

- Special steel S2
- 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
- Anticorrosion coating, blue colour, prevents rust

Applications

- Screwdriving of Hex screws for a variety of applications

Rawlplug code	Size	Length	Quantity in rawlite/blister	Quantity	Inner box weight
		mm	pcs	pcs	kg
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
- Anticorrosion 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

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RT-BIT-SET1 Bits set (cont.)

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

RT-BIT-ADAP/SDS Bit holder SDS plus (cont.)

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 Phillips/RT-BIT-TORX25 T25 long screwdriver bits

Special long screwdriver bits designed for roof fixings applications

RT-BIT-PH2 Phillips

RT-BIT-TORX25 T25

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
- Anticorrosion 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 Phillips/RT-BIT-TORX25 T25 long screwdriver bits (cont.)

Rawlplug code	Size	Length	Quantity	Inner box weight
		mm	pcs	kg
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

NEW!

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
- Anticorrosion 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

NEW!

RT-TBIT-TORX25 T25 screwdriver bits with thread M6

Screwdriver bits T type 25 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
- Anticorrosion 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

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NEW!

RT-TBIT-ADAP adapters with thread M6

Adapter for bits with thread M6

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

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

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

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RT-IS Long impact sockets 1/2”

Impact sockets designed to overcome the high torsional forces

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”

Rawlplug code	Dimensions	External diameter	Length	Quantity	Inner box weight
	mm	mm	mm	pcs	kg
RT-IS-10-1/2L	10	30	78	1	1.68
RT-IS-12-1/2L	12	30	78	1	1.94
RT-IS-13-1/2L	13	30	78	1	1.99
RT-IS-15-1/2L	15	30	78	1	2.82
RT-IS-17-1/2L	17	30	78	1	3.10
RT-IS-19-1/2L	19	30	78	1	3.11
RT-IS-22-1/2L	22	30	78	1	3.83

RT-IBIT-PH Philips impact screwdriver bits

Impact screwdriver bits for tightening Phillips screws, for a wide range of applications using impact wrenches

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 Phillips screws, for a wide range of applications using impact wrenches

Rawlplug code	Size	Length	Quantity	Inner box weight
		mm	pcs	kg
RT-IBIT-PH1/25	Philips 1	25	20	0.30
RT-IBIT-PH2/25	Philips 2	25	20	0.30
RT-IBIT-PH3/25	Philips 3	25	20	0.30

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RT-IBIT-PZ Pozidriv impact screwdriver bits

Impact screwdriver bits for tightening Pozidriv screws, for a wide range of applications using impact wrenches

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 Pozidriv screws, for a wide range of applications using impact wrenches

Rawlplug code	Bite type	Length	Quantity	Inner box weight
		mm	pcs	kg
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-T T type impact screwdriver bits

Impact screwdriver bits for tightening T type screws, for a wide range of applications using impact cappers

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

Rawlplug code	Bite type	Length	Quantity	Inner box weight
		mm	pcs	kg
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

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RT-IBIT-HEX Hexagonal impact screwdriver bits

Impact screwdriver bits for tightening Hex screws, for a wide range of applications using impact cappers

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 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-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

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

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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

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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

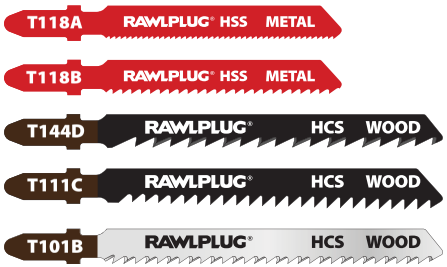
Applications

- Straight and clean cutting of kitchen countertops and furniture panels

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

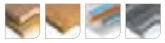


Features and benefits

- 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

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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

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RT-JSB-W150M 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

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 Reciprocating saw blades

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

Rawlplug code	Length	Working length	Quantity	Tooth spacing	Cutting	Weight
	[mm]	[mm]	[pcs]	[mm]		kg
RT-JSB-W225C	225	210	5	8.5	20-175	0.20

RT-JSB-W240P Reciprocating saw blades

Reciprocating saw blades designed for cutting wet wood, branches and firewood

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 wet wood, branches and firewood

Rawlplug code	Length	Working length	Quantity	Tooth spacing	Cutting	Weight
	[mm]	[mm]	[pcs]	[mm]		kg
RT-JSB-W240P	240	220	5	5	20-175	0.20

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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

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RT-RSB-AB Reciprocating saw blades for cutting aerated concrete (cont.)

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

RT-DDA Diamond discs Turbo Concrete Heavy Duty

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

Certificate

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

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

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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

EAC

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

NEW!

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

Certificate

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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
- Compensation grooves cool the discs allowing for work without cooling water
- 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

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RT-DDT Diamond discs Turbo Concrete Heavy Duty Extreme (cont.)

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

Availability Q3 2019

RT-CDI Cutting wheels for stainless steel

Angle grinder wheels for fast cutting of steel and stainless steel

Certificate

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

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

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RT-CDS Cutting wheels for stone

Angle grinder wheels for fast cutting of stone

Certificate

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

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

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

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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-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

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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

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

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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

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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

RAWLPLUG®

100 YEARS OF EXPERTISE
IN FIXINGS, FASTENERS AND TOOLS

POS Rawlplug Essentials

POINT-OF-SALES PRODUCT INFORMATION COMMUNICATION SYSTEM

Rawlplug POS offers a unique and complete solution designed for optimum product display in wholesale and retail stores.

The POS system is based on easily configurable standard components enhanced with a wide range of informative accessories including toppers, side boards and wobblers. Combine with the innovative new Rawlplug bag and cutting-edge boxes to create a class leading Point of Sale display.

The system allows the creation of a display of almost any size. Modular packaging ensures compatibilty with all the elements ensuring enhanced appearance and customer appeal.

The Rawlplug Essentials offer has been based on carefully selected products creating an extensive range with high sales potential. Simultaneously, in line with sustainable development, Rawlplug introduces a brand-new retail packaging system.

The logical combination of high-quality products with modern and eco-friendly packaging makes the Rawlplug Essential offer unique and exclusive.

100 years 1919-2019 RAWLPLUG® 100 YEARS OF EXPERTISE IN FIXINGS, FASTENERS AND TOOLS

POS Classification based on colour coding of substrates

UNIVERSAL

UNIVERSAL

SOLID WALLS

PLASTERBOARD

TIMBER

METAL

APPLICATION

PROMOPACK

BUNDLE PACK

SOLUTION KITS

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POS Classification based on theme

SEALANTS AND ADHESIVES RACK

TOOLS RACK

Cardboard Promo Stand based on theme

FOAMS CARDBOARD PROMO STAND

ADHESIVES CARDBOARD PROMO STAND

FIXINGS CARDBOARD PROMO STAND

Exploded View

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POS Information Elements

ANY EXPOSITION REQUIRES CHOOSING ADDITIONAL ITEMS FROM BELOW:

1 TOP PANEL (TOPPER)

defines in a clear and legible way the group of products placed on the shelf. All graphics are done in colors assigned to individual product groups.

For display of multiple product groups on a single unit a 3 colour topper is available

2 SIDE PANEL

made of rigid material provides space for additional commercial and product information using internal and external Side Labels.

Panel artwork is made in the brand colors and may include additional information such as logos or slogans common to entire POS system.

3 OUTER SIDE LABEL

contains general product or commercial information relevant for particular stand or group of stands. This space is ideal for communication of promo campaigns or other kind of advertising.

Side Labels display additional valuable information important in the process of communication with customers, such as installation instructions or examples of products applications. It also presents relevant commercial information concerning e.g. promotions.

4 INNER SIDE LABEL

contains information related to the product presented on the adjacent shelf, i.e. application example, installation guideline, tables or charts presenting technical parameters, etc.

5 SHELF WOBBLERS

are used to bring attention to a particular product at the point of purchase, where 80% of buying decisions are made.

Rawlplug Wobblers are produced using white rigid PVC for the face (paper card is also available on request) and a clear PVC for the wobbler's arm which comes with a strong self adhesive pad for application. Wobblers are available in several standard designs with complex contour cut shapes and are available in many language versions.

6 SHELF EDGE STRIP

maintained in the color of the topper displays in the background it features several icons with images of substrates designed for particular fixing group. Shelf edge strip is used to feature information regarding products prices, barcodes and other tags specified by customers.

7 FLOOR STICKER

presents a product characteristic for the group, increases the brand perception and aids guidance to the right product. It can also be used for clear communication of substantial commercial information, e.g. promotions.

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Table of Stand Elements

Stands

STAND 1

STAND 2

STAND 3

Stand	Index	Size [mm]	Components
STAND 1	MZR-43-SP	990 x 2270 x 570	topper frame, framework, perforation, platform, adjustable feet
STAND 2	MZR-45-SP	610 x 2270 x 570	topper frame, framework, perforation, platform, adjustable feet
STAND 3	MZR-05N-SP	565 x 2270 x 610	topper frame, framework, platform, adjustable feet

STAND FOR SEALANTS & ADHESIVES

STAND-SET 4

STAND -SET 5

CAGE FOR TUBES 6

SMALL STAND

STAND 7

STAND 8

Stand	Index	Quantity	Components	Size [mm]
STAND-SET 4	MZR-40-SP	1	topper frame, framework	610 x2270 x 570
	MZR-41-SP	2	DEEP shelves	575 x 130 x 400
	MZR-42-SP	1	cage for tubes	565 x 810 x 460
STAND-SET 5	MZR-40-SP	1	topper frame, framework	610 x2270 x 570
	MZR-42-SP	2	cage for tubes	565 x 810 x 460
CAGE 6	MZR-42-SP	1	cage for tubes	565 x 810 x 460
STAND 7	MZR-31-01-SP	1	rack with solid hooks	330 x 680 x 400
STAND 8	MZR-31-02-SP	1	rack with detachable hooks	330 x 680 x 400

PLEASE CONSIDER CHOICE OF TOPPERS, BOARDS, PRICETABS AND WOBBLERS

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Accessories

Shelves

Nr	Stand	Index	Shelf width [cm]	Size [mm]
1	FLAT SHELVES 1	MZR-44-SP	100	990 x 30 x 390
2	FLAT SHELVES 2	MZR-46-SP	60	575 x 30 x 390
3	DEEP SHELVES 3	MZR-41-SP	60	575 x 130 x 400

Hooks

Nr	Stand	Index	Size [mm]
1	DOUBLE 1	MZR-50-SP	280
2	HOLDER FOR SIDE PANELS	MZR-51-SP	390

SIDE PANEL

LEFT SIDE PANEL/ RIGHT SIDE PANEL	
Index	MP-S1-B-01
Size	300x1200
Info	To fix the Side Panel to a vertical support two holes of 6 mm diameter should be drilled
Alignment	10 mm from the top edge, 1st hole: 40 mm from the right angle edge, 2nd hole: 180 mm from the right angle edge.

PLEASE CONSIDER CHOICE OF INTERNAL AND EXTERNAL LABELS

RACK SET WITH SIDE PANELS	
Index	MZR-31-01-SP
Info	Set: rack with solid hooks + POS
RACK SET WITH SIDE PANELS	
Index	MZR-31-02-SP
Info	Set: rack with detachable hooks +POS

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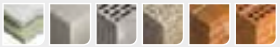
Visual identification elements

1 Top Panel (Topper)

defines in a clear and legible way the group of products placed on the shelf. All graphics are done in colors assigned to individual product groups.

For display of multiple product groups on a single unit a 3 colour topper is available

Topper



UNIVERSAL U

UNO + FF1
INDEX: MP-S1-TBB-02

UNO + 4ALL*
INDEX: MP-S1-TBB-03

4ALL + FF1
INDEX: MP-S1-TBB-04

R-KER+R-KEMII*
INDEX: MP-S1-TBB-08

R-KEMII + R-KER*
INDEX: MP-S1-TSB-01

UNO + FF1
INDEX: MP-S1-TSB-02

FOAMS & SEALANTS
INDEX: MP-S1-TSA-01

Product	INDEX	Topper size (mm)	Bar Code
UNO + FF1	MP-S1-TBB-02	947x356	5906675217918
UNO + 4ALL*	MP-S1-TBB-03	947x356	5906675217925
4ALL + FF1	MP-S1-TBB-04	947x356	5906675217932
R-KER+R-KEM-II*	MP-S1-TBB-08	947x356	-
R-KER+R-KEM-II*	MP-S1-TSB-01	565x356	-
UNO+FF1	MP-S1-TSB-02	565x356	-
FOAMS & SEALANTS	MP-S1-TSA-01	565x356	5906675096667

* to order

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Visual identification elements

Panels for sealants and adhesives rack — UNIVERSAL U

SEALANTS COLOURS
INDEX: MP-S1-TSA-03

LOW EXPANSION PVC FOAM
INDEX: MP-S1-TSA-04

Product	INDEX	Topper size (mm)	Bar Code
SEALANTS COLOURS	MP-S1-TSA-03	565x356	-
LOW EXPANSION PVC FOAM	MP-S1-TSA-04	565x356	-

Topper — PLASTERBOARD P

DRA + SPO
INDEX: MP-S1-TBR-02

DRA-M + SM
INDEX: MP-S1-TBR-04

DRA + SM*
INDEX: MP-S1-TSR-01-100

Product	INDEX	Topper size (mm)	Bar Code
DRA+SPO	MP-S1-TBR-02	947x356	5906675218076
DRA-M+SM	MP-S1-TBR-05	947x356	-
DRA+SM*	MP-S1-TSR-01-100W	565x356	5906675218083

* to order

Visual identification elements

Topper — SOLID WALLS S

XPT + LX
INDEX: MP-S1-TBO-04

RBP + XPT
INDEX: MP-S1-TBO-03

Product	INDEX	Topper size (mm)	Bar Code
XPT + LX	MP-S1-TBO-04	947x356	5906675217970
RBP + XPT 1	MP-S1-TBO-03	947x356	5906675217963

Topper — TIMBER T

R-TS + R-CS
INDEX: MP-S1-TBBR-01

R-TS + R-CS
INDEX: MP-S1-TSBR-02

Product	INDEX	Toper size (mm)	Bar Code
R-TS+R-CS	MP-S1-TBBR-01	947x356	5906675272382
R-TS+R-CS	MP-S1-TSBR-02	565x356	5906675218076

Other Toppers

TOPER MIX
INDEX: 5906675228471

TOPPER SPECIAL 100 YEARS*
INDEX:

Product	INDEX	Topper size (mm)	Bar Code
TOPER MIX	MP-S1-TMIX-01-100	947x356	5906675218038
TOPPER SPECIAL*		947x356	

* to order

Visual identification elements

Other Toppers — TOOLS T

TOPPER SPECIAL *
INDEX: MP-S1-TOS-01

DRILL BITS & ACCESSORIES 1
INDEX: MP-S1-TBB-05

DRILL BITS & ACCESSORIES 2
INDEX: MP-S1-TSR-02

POWER TOOLACCESSORIES1
INDEX: MP-S1-TBB-09

DIRECT FASTENING SYSTEMS 1
INDEX: MP-S1-TBB-06

DIRECT FASTENING SYSTEMS 2
INDEX: MP-S1-TSB-03

STAPLING,TACKING, GLUING 1
INDEX: MP-S1-TBB-07

STAPLING, TACKING, GLUING 2
INDEX: MP-S1-TSR-03

Product	INDEX	Topper size (mm)	Bar Code
TOPPER SPECIAL*	MP-S1-TOS-01	947x356	5906675218052
POWER TOOLACCESSORIES1 1	MP-S1-TBB-05	947x356	5906675173429
POWER TOOLACCESSORIES1 2	MP-S1-TSR-02	565x356	5906675173481
POWER TOOLACCESSORIES1 3	MP-S1-TBB-09	947x356	5906675338514
DIRECT FASTENING SYSTEMS 1	MP-S1-TBB-06	947x356	5906675173443
DIRECT FASTENING SYSTEMS 2	MP-S1-TSB-03	565x356	-
STAPLING, TACKING, GLUING 1	MP-S1-TBB-07	947x356	5906675173467
STAPLING, TACKING, GLUING 2	MP-S1-TSR-03	565x356	5906675173504

* to order

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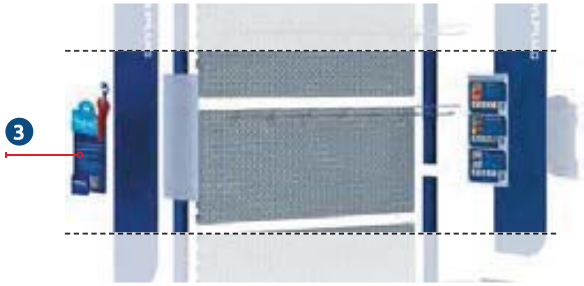
Visual identification elements



Side Labels display additional valuable information important in the process of communication with customers, such as installation instructions or examples of products applications. It also presents relevant commercial information concerning e.g. promotions.

3 Outer Side Label

contains general product or commercial information relevant for particular stand or group of stands. This space is ideal for communication of promo campaigns or other kind of advertising.

Outer Side Label — UNIVERSAL U

UNO
INDEX: MP-S1-ND-01

4ALL
INDEX: MP-S1-ND-04

FF1
INDEX: MP-S1-ND-05

R-KEMII
INDEX: MP-S1-ND-KEMII

Product	INDEX	Size (mm)	Bar Code
UNO	MP-S1-ND-01	260x350	5906675217703
4ALL	MP-S1-ND-04	270x350	5906675217734
FF1	MP-S1-ND-05	260x350	5906675217741
R-KEMII	MP-S1-NDKEMII	260x360	5906675418827
RAWLNUT*	MP-S1-NDRNT	260x340	-
ISO-PLUG*	MP-S1-NDISO	250x315	-

* to order

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Visual identification elements

Outer Side Label — PLASTERBOARD P

DRA
INDEX: MP-S1-ND-08

SM
INDEX: MP-S1-ND-02

Product	INDEX	Size (mm)	Bar Code
DRA	MP-S1-ND-08	270x350	5906675217772
SM	MP-S1-ND-02	270x340	5906675217710

Outer Side Label — SOLID WALLS S

R-LX
INDEX: MP-S1-ND-07

XPT
INDEX: MP-S1-ND-06

FX
INDEX: MP-S1-ND-09

Product	INDEX	Size	Bar Code
XPT	MP-S1-ND-06	270x380	5906675217758
FX	MP-S1-ND-09	270x380	5906675217789
LX	MP-S1-ND-07	255X340	5906675217765

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Visual identification elements

Outer Side Label — TIMBER T

R-TS
INDEX: MP-S1-NDTS

R-CS
INDEX: MP-S1-NDCS

Product	INDEX	Size	Bar Code
TS	MP-S1-NDTS	270x365	5906675272429
CS	MP-S1-NDCS	270x375	5906675272412

Outer Side Label — TOOLS T

Gas powered framing nailer
INDEX: MP-S1-NDWW90CH

Gas powered
INDEX: MP-S1-NDSC40

Pneumatic concrete and steel nailar
INDEX: MP-S1-NDPSC40

Product	INDEX	Size (mm)	Bar Code
GAS POWERED FRAMING NAILER	MP-S1-NDWW90CH	270x312	5906675173160
GAS POWERED STEEL AND CONCRETE NAILER	MP-S1-NDSC40	270x315	5906675173146
PNEUMATIC CONCRETE AND STEEL NAILAR	MP-S1-NDPSC40	270x303	5906675173047

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Visual identification elements

Outer Side Label

TOOLS T

AGGRESSOR SDS MAX
INDEX: MP-S1-NDRTMAXA

AGGRESSOR SDS PLUS
INDEX: MP-S1-NDRTSDSA

BRICKRDILL SDS PLUS
INDEX: MP-S1-NRTSDSB

REBARDRILL SDS PLUS
INDEX: MP-S1-NDRTSDSR

RT-KGR0030
INDEX: MP-S1-NDKGR030

RT-KGR0055
INDEX: MP-S1-NDKGR055

RT-KGR0031
INDEX: MP-S1-NDKGR031

RT-KGR0028
INDEX: MP-S1-NDKGR028

Product	INDEX	Size (mm)	Bar Code
AGRESOR SDS MAX	MP-S1-NDRTMAXA	250x363	5906675173061
AGRESOR SDS PLUS	MP-S1-NDRTSDSA	250x367	5906675173085
BRICDRILL SDS PLUS	MP-S1-NDRTSDSB	250x367	5906675173108
REBARDRILL SDS PLUS	MP-S1-NDRTSDSR	250x370	5906675173122
RT-KGR0030	MP-S1-NDKGR030	270x226	5906675172989
RT-KGR0055	MP-S1-NDKGR055	270x230	5906675173023
RT-KGR0031	MP-S1-NDKGR031	270x219	5906675173009
RT-KGR0028	MP-S1-NDKGR028	270x224	5906675172965

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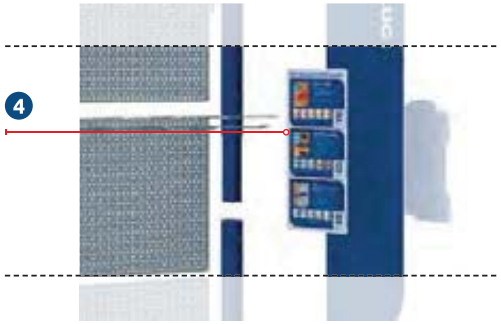
Visual identification elements



4 Inner Side Label

contains information related to the product presented on the adjacent shelf, i.e. application example, installation guideline, tables or charts presenting technical parameters, etc.

LABEL 1
INDEX:
MP-S1-NU-01

LABEL 2
INDEX:
MP-S1-NU-02

LABEL 3
INDEX:
MP-S1-NU-03

Product	INDEX	Size	Bar Code
LABEL 1	MP-S1-NU-01	240x420	5906675217888
LABEL 2	MP-S1-NU-02	240x420	5906675217895
LABEL3	MP-S1-NU-03	240x246	5906675173405

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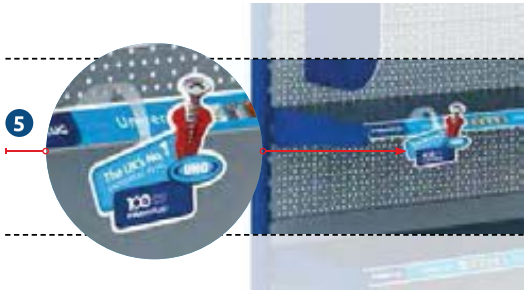
Visual identification elements



5 Shelf Wobblers

are used to bring attention to a particular product at the point of purchase, where 80% of buying decisions are made.

Rawlplug Wobblers are produced using white rigid PVC for the face (paper card is also available on request) and a clear PVC for the wobbler's arm which comes with a strong self adhesive pad for application. Wobblers are available in several standard designs with complex contour cut shapes and are available in many language versions.

Shelf Wobblers — UNIVERSAL U

UNO
INDEX: MP-S1-WUNO-01

4ALL
INDEX: MP-S1-W4ALLP-01

FF1
INDEX: MP-S1-WFF1-01

LOW EXPANSION PVC
INDEX: MP-S1-WRLOW45L-01

STYROFIX
INDEX: MP-S1-WSTYFIX-01

GLUE FOR MIRRORS
INDEX: MP-S1-WKLUSTRO-01

Product	INDEX	Wobbler size (mm)	Bar Code
UNO	MP-S1-WUNO-01	140x140	5906675218168
4ALL	MP-S1-W4ALLP-01	140x140	5906675218090
FF1	MP-S1-WFF1-01	140x160	5906675218113
LOW EXPANSION PVC	MP-S1-WRLOW45L-01	140x140	-
STYROFIX	MP-S1-WSTYFIX-01	140x140	-
GLUE FOR MIRRORS	MP-S1-WKLUSTRO-01	140x140	-

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RAWLPLUG®

Visual identification elements

Shelf Wobblers — SOLID WALLS S

R-LX
INDEX: MP-S1-WHLX-01

XPT
INDEX: MP-S1-WXPT-01

FX
INDEX: MP-S1-WFX-01

RBL
INDEX: MP-S1-WRBL-01

Product	INDEX	Wobbler size (mm)	Bar Code
FX	MP-S1-WFX-01	140x150	5906675218120
R-LX	MP-S1-WHLX-01	140x150	5906675218137
RBL	MP-S1-WRBL-01	140x140	5906675218151
XPT	MP-S1-WXPT-01	140x150	5906675218175

Shelf Wobblers — PLASTERBOARD P

DRA
INDEX: MP-S1-WDRA-01

SM
INDEX: MP-S1-WSM-01

Product	INDEX	Wobbler size (mm)	Bar Code
DRA	MP-S1-WDRA-01	140x150	5906675218106
SM	MP-S1-WSM-01	140x150	5906675450865

Shelf Wobblers — TIMBER T

R-CS
INDEX: MP-S1-WRCS

R-TS
INDEX: MP-S1-WRTS

Product	INDEX	Wobbler size (mm)	Bar Code
R-CS	MP-S1-WRCS	140x150	5906675272405
R-TS	MP-S1-WRTS	140x150	5906675272399

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Visual identification elements

Tools Wobblers

R-RAWL-ww90ch
INDEX: MP-S1-WWW90CH

R-RAWL-sc40
INDEX: MP-S1-WSC40

R-RAWL-psc40
INDEX: MP-S1-WPSC40

Product	INDEX	Wobbler size (mm)	Bar Code
R-RAWL-WW90CH	MP-S1-WWW90CH	140x136	5906675173726
R-RAWL-SC40	MP-S1-WSC40	140x125	5906675173627
R-RAWL-PSC40	MP-S1-WPSC40	140x120	5906675173528

AGGRESSOR SDS MAX
INDEX: MP-S1-WRTMAXA-01

REBARDRILL SDS PLUS
INDEX: MP-S1-WSDSR-01

AGGRESSOR SDS PLUS
INDEX: MP-S1-WRTSDSA-01

BRICDRILL SDS PLUS
INDEX: MP-S1-WRTSDSB-01

RT-JSB
INDEX: MP-S1-WJSB

RT-PH2
INDEX: MP-S1-WPH2

RT-IBITt20
INDEX: MP-S1-WRTIBITT20

RT-CDI
INDEX: MP-S1-WRTCDI

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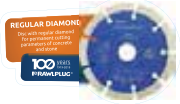
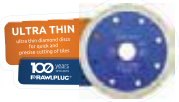
Visual identification elements

Tools Wobblers

RT-DDA
INDEX: MP-S1-WRTDDA



RT-DDB
INDEX: MP-S1-WRTDDB



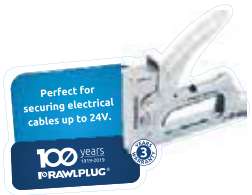
RT-DDC
INDEX: MP-S1-WRTDDC

RT-DDE
INDEX: MP-S1-WRTDDE

Product	INDEX	Wobbler size (mm)	Bar Code
AGRESOR SDS MAX	MP-S1-WRTMAXA-01	140x205	5906675173542
REBARDRILL SDS PLUS	MP-S1-WSDSR-01	140x200	-
AGRESOR SDS PLUS	MP-S1-WRTSDSA-01	140x192	5906675173566
BRICDRILL SDS PLUS	MP-S1-WRTSDSB-01	140x231	5906675173580
RT-JSB	MP-S1-WJSB	150X188	5906675338545
RT-PH2	MP-S1-WPH2	160X168	5906675338552
RT-IBITT20	MP-S1-WRTIBIT T20	160X143	5906675338613
RT-CDI	MP-S1-WRTCDI	180X102	5906675338569
RT-DDA	MP-S1-WRTDDA	180X105	5906675338576
RT-DDB	MP-S1-WRTDDB	180X105	5906675338583
RT-DDC	MP-S1-WRTDDC	180X106	5906675338606
RT-DDE	MP-S1-WRTDDE	175X105	5906675338590

RT-KGR0055
INDEX: MP-S1-WSTAP-04

RT-KGR0030
INDEX: MP-S1-WSTAP-02



RT-KGR0028
INDEX: MP-S1-WSTAP-01

RT-KGR0031
INDEX: MP-S1-WSTAP-03

Product	INDEX	Wobbler size (mm)	Bar Code
RT-KGR0055	MP-S1-WSTAP-04	140x108	5906675173702
RT-KGR0030	MP-S1-WSTAP-02	140x106	5906675173665
RT-KGR0028	MP-S1-WSTAP-01	140x108	5906675173641
RT-KGR0031	MP-S1-WSTAP-03	140x105	5906675173689

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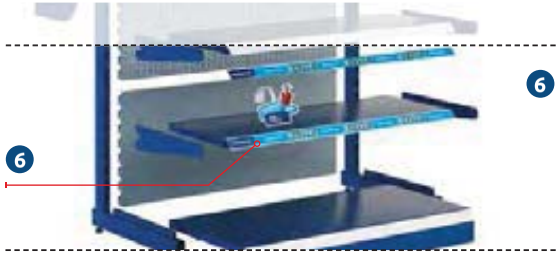
Visual identification elements



6 Shelf edge strip

maintained in the color of the topper displays in the background it features several icons with images of substrates designed for particular fixing group. Shelf edge strip is used to feature information regarding products prices, barcodes and other tags specified by customers.

Brand or trademark stamp

Signature of the product group intended for use in certain substrates presented on the Color Coding background

Simplified presentation of the substrate material corresponding with product group

List of available shelf edge strips:

1

2

3

4

5

6

7

Nr	Product	INDEX	Topper size	Bar Code
1	UNIVERSAL	MP-S1-CBB-01	940x35	5906675217642
2	PLASTERBOARD*	MP-S1-CSR-01	550x35	5906675217697
3	SOLID WALLS	MP-S1-CBO-01	940x35	5906675217659
4	SEALANTS AND ADHESIVES	MP-S1-CSA-01	550x35	5906675096674
5	TIMBER	MP-S1-CBBR-01	940x35	5906675272375
6	TIMBER*	MP-S1-CSBR-01	550x35	5906675217680
7	PROMOPACK*	MP-S1-CPO-01	940x35	5906675217673

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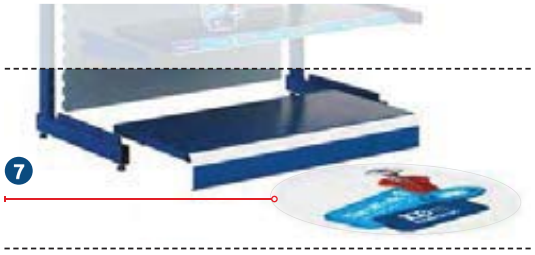
Visual identification elements



7 Floor Sticker

presents a product characteristic for the group, increases the brand perception and aids guidance to the right product.
It can also be used for clear communication of substantial commercial information, e.g. promotions.

Floor Sticker — UNIVERSAL U

UNO
INDEX: MP-S1-NPUNO-01

FF1
INDEX: MP-S1-NPFF1-01

Product	INDEX	Sticker size (mm)	Bar Code
UNO	MP-S1-NPUNO-01	480x480	5906675217857
FF1	MP-S1-NPFF1-01	480x480	5906675217819

SM
INDEX: MP-S1-NPSM-01

DRA*
INDEX: MP-S1-NPDRA-01

Product	INDEX	Sticker size (mm)	Bar Code
SM	MP-S1-NPSM-01	480x480	5906675439303
DRA	MP-S1-NPDRA-02	480x480	5906675412344

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Visual identification elements

Floor Sticker — SOLID WALLS S

R-LX
INDEX: MP-S1-NPHLX-01

XPT
INDEX: MP-S1-NPXPT-01

FX
INDEX: MP-S1-NPFX-01

RBL
INDEX: MP-S1-NPRBL-01

Product	INDEX	Sticker size [mm]	Bar Code
RBL	MP-S1-NPRBL-01	480x480	5906675217840
FX	MP-S1-NPFX-01	480x480	5906675217826
R-LX	MP-S1-NPHLX-01	480x480	5906675217833
XPT	MP-S1-NPXPT-01	480x480	5906675217871

Floor Sticker — TIMBER T

R-CS
INDEX: MP-S1-NPCS-01

R-TS
INDEX: MP-S1-NPTS-01

Product	INDEX	Sticker size [mm]	Bar Code
R-CS	MP-S1-NPCS-01	480x480	5906675272450
R-TS	MP-S1-NPTS-01	480x480	5906675430973

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POS

Visual identification elements

Floor Sticker — TOOLS T

R-RAWL-SC40
INDEX: MP-S1-NPSC40

R-RAWL-WW90CH
INDEX: MP-S1-NPWW90CH

AGGRESSOR SDS MAX*
INDEX: MP-S1-NPRTMAXA-01

AGGRESSOR SDS PLUS*
INDEX: MP-S1-NPRTSDSA-01

RT-KGR0030
INDEX: MP-S1-NPSTAP-02

RT-KGR0031
INDEX: MP-S1-NPSTAP-03

Product	Index	Sticker size (mm)	Bar Code
R-RAWL-WW90CH	MP-S3-NPWW90CH	480x480	5906675173382
R-RAWL-SC40	MP-S3-NPSC40	480x480	5906675173283
AGRESOR SDS MAX*	MP-S3-NPRTMAXA-01	480x480	5906675173207
BRICDRILL SDS PLUS*	MP-S3-NPRTSDSB-01	480x480	5906675173245
RT-KGR0030	MP-S3-NPSTAP-02	480x480	5906675173320
RT-KGR0031	MP-S3-NPSTAP-03	480x480	5906675173344

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RAWLPLUG

Trust & Innovation

Retail offer

SMALL & LARGE COMBO PACK

POS Rawlplug new packaging
Modular structure, system, comfort

The range of packaging is extensive and includes an attractive system of plastic bags with a unique RAWLPLUG bag design, a rigid B-Pack made up to display products in a standing position, the elegant and durable RAWLPLUG plastic boxes with compartments, the RAWLPLUG Combo (FKT) and the high-capacity transparent Rawlplug Jumbo buckets.

A wide variety of RAWLPLUG packaging makes it ideally suited to both attractive permanent displays and striking promotional campaigns.

In developing our packaging, we have studied consumer technology trends to better understand how customers and users interact with RAWLPLUG packaging. A key observation for us has been that users today tend to prefer video tutorials to printed instruction manuals. In response to the growing demand for the improvement of our packaging, we have created Small & Large Rawlplug Combo Packs.

MODULAR STRUCTURE

Innovatively designed construction elements of the new Rawlplug packaging enable a perfect combination of packages of different sizes, make it easier to arrange them in the system and thus guarantee a consistent presentation of products at the point of sale.

OPTIMAL PRODUCT PRESENTATION

New Rawlplug packaging is not just an improved „product container" - it is the whole system of solutions enabling an optimal product presentation. Through an appropriate and attractive shelf display and an even more visible label containing the necessary information.

DURABILITY

The upper part of the packaging and the lid have been reinforced to make the packaging more durable whereas the use of carefully selected raw material has increased its plasticity and resistance to cracks.

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PACKAGING

POS Essential

The POS system is based on easily configurable standard components enhanced with a wide range of communication accessories including toppers, side boards and wobblers include color coding guide.

RAWLPLUG®

COMBO PACKS

FEATURES AND BENEFITS

- Packs can be stacked one on top of the other - specially designed rails and lid make it possible to combine packages of different sizes, without the risk of the upper layers slipping off the lower ones
- Possibility of stacking one on top of the other
- The special packaging design and information on the label also facilitate the presentation of products in a vertical position. The customer can clearly see the product, which may significantly speed up the purchase decision
- The packaging system was designed by our engineers who, in addition to their own ideas and solutions, also took market needs and trends into account
- The packaging will be produced in our factories, which ensures us self-sufficiency in terms of product availability
- The number of packaging components has been optimised, i.e. the lid is exactly the same for both types of packaging
- The problem of the tearing of labels on the edges of the lid and tray has been eliminated

SMALL COMBO PACK

- Highly transparent packaging, thanks to which the products are perfectly visible to customers
- Breakable seal protecting the packaging against opening
- Clearly marked edges and angles instead of rounded shapes of the tray and lid
- Dedicated place for the label ensuring a better and more visible presentation of information
- The upper part of the packaging and the lid have been reinforced to make the packaging more durable
- The use of carefully selected raw material increases the plasticity of the packaging and its resistance to cracks
- Currently available in our offer

LARGE COMBO PACK

- Available in 3 variations:
  - without a handle and internal dividers
  - with a handle and without internal dividers
  - with a handle and internal dividers
- It is possible to use dividers to separate, for example, plugs from screws. As a result, the packaging can be divided - according to several schemes - into 2, 4, 6 and 8 parts. Such a system allows the user to choose products appropriately and use the surface or volume of the packaging optimally so that there is as little free space as possible.
- Perfect for promotional campaigns and to create dedicated sets
- It is possible to combine with the Small Combo Pack, for example, as a promotional set or a special offer

ABOUT COLOUR CODING

The fasteners are divided into groups according to:

Substrate

UNIVERSAL	MULTIPURPOSE SUITABLE FOR USE IN A VARIETY OF SUBSTRATES, REGARDLESS OF THEIR STRUCTURE
PLASTERBOARD	PLASTERBOARDS AND SUSPENDED CEILINGS
SOLID WALLS	SOLID MATERIALS (SUCH AS CONCRETE OR STONE)
TIMBER	TIMBER, PLYWOOD AND CHIPBOARDS
METAL	STEEL SHEETS AND PROFILES

Dedicated

PROMOPACK	CLEAR COMMUNICATION OF PROMOTIONAL SETS IN RED
BUNDLE PACK	
SOLUTION KITS	APPLICATION SPECIFIC SOLUTION KITS IN GREEN

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RAWLPLUG — UNIVERSAL U

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

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

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

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RAWLPLUG — UNIVERSAL U

4ALL Universal Nylon Plug with Screw

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

SOLID WALLS S

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

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

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RAWLPLUG — SOLID WALLS S

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

PLASTERBOARD P

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

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

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RAWLPLUG — PLASTERBOARD P

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

RAWLPLUG — 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

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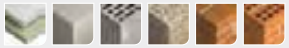
JAR

RAWLPLUG



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-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

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-UNOBLU+	300	110x110x210	8	32	4.5x40	1	6	5906675445380

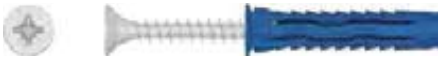
4ALL Universal Nylon Plug

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

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

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RAWLPLUG

RAWLPLUG UNIVERSAL U

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-PJB-4ALL06/2500	2500	280x150x190	6	30	1	1	5906675201580
R-PJB-4ALL08/1000	400 1000	280x150x190	8	40	1	1	5906675201597

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

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

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

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RAWLPLUG

RAWLPLUG 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]		Quantity [pcs]		Bar Code
		[mm]	Diameter	Length	Box	Outer	
R-PDM-UNOBR/300	300	160x265x80	7	30	5	5	5906675393933
R-PDM-UNORED/300	300	160x265x80	6	28	5	5	5906675393926

UNO Universal plug with screw

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-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	Product [mm]		Quantity [pcs]		Bar Code
		[mm]	Diameter	Length	Box	Outer	
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	Product [mm]		Screw	Quantity [pcs]		Bar Code
		[mm]	Diameter	Length	[mm]	Box	Outer	
R-PDL-4ALLMIX+	100;60;30	210x310x110	6x30; 8x40; 10x50		4.5x40	6	6	5906675098159

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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

RAWLPLUG SOLID WALLS S

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-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

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-PDXL-06K040/600	600	300x350x160	6	40	4	4	5906675097787

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RAWLPLUG UNIVERSAL U

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

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

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

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RAWLPLUG UNIVERSAL U

UNO Universal plug with screw

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-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-06+/10	10	080-145	6	28	4.0x30	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	4.0x30	5	25	5906675095455
R-S1-UNO-07+/24	24	095X165	7	30	4.0x40	5	25	5906675095479
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 - mix

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]		Box	Outer	
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 - mix

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]			Box	Outer	
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

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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
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-YRBR-144	144	wrap	80x45x220	5x24; 6x28; 7x30	10	10	5906675333939

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	Screw [mm]	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-12/100/4	4	95x165	12	60	8x100	5	25	5906675310114
R-S1-4ALL-12/6	6	95x165	12	60		5	25	5906675310107
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
R-S1-4ALL-14/4	4	95x165	14	70		5	25	5906675310138

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RAWLPLUG UNIVERSAL U

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 angle hook

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-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 [mm]	Product [mm] Diameter	Product [mm] Length	Screw	Quantity [pcs] Box	Quantity [pcs] Outer	Bar Code
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

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RAWLPLUG UNIVERSAL U

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

RAWLNUT Flexi Plug

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-5/25/6	6	80x145	M5	26	5	30	5906675094687
R-S1-RNT-5/38/6	6	80x145	M5	38	5	30	5906675094694
R-S1-RNT-6/27/4	4	80x145	M6	27	5	30	5906675094700
R-S1-RNT-6/35/4	4	80x145	M6	35	5	30	5906675094717
R-S1-RNT-8/30/4	4	80x145	M8	30	5	30	5906675094724
R-S1-RNT-8/50/2	2	80x145	M8	50	5	30	5906675094731

RAWLNUT Flexi Plug with screw

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

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RAWLPLUG UNIVERSAL U

R-ISO-PLUG Insulation fixings

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

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	Set Contents		Packaging size [mm]	Quantity [pcs]		Bar Code
	[ml]	Name	Quantity		Set	Outer	
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	Nozle	2	95x165	1	5	5906675057859
		Wire mesh sleeves 16x85 mm	4				
		R-STUDS 10x130 mm	4				

Plastic mesh sleeves

The sleeve for reduced mortar consumption and optimal mechanical interlock

Rawlplug code	Quantity in pack	Packaging size	Product [mm]		Quantity [pcs]		Bar Code
		[mm]	Diameter	Length	Box	Outer	
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

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RAWLPLUG UNIVERSAL U

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	Product [mm]		Quantity [pcs]		Bar Code
		[mm]	Diameter	Length	Box	Outer	
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

PLASTERBOARD P

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	Product [mm]		Screw	Quantity [pcs}		Bar Code
		[mm]	Diameter	Length		Box	Outer	
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

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	Product [mm]		Screw	Quantity [pcs}		Bar Code
		[mm]	Diameter	Length		Box	Outer	
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

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RAWLPLUG PLASTERBOARD P

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	Product [mm]		Quantity [pcs}		Bar Code
		[mm]	Diameter	Length	Box	Outer	
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

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

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RAWLPLUG — PLASTERBOARD P

Interset Hollow Wall Anchor (cont.)

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-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

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-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-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-XPT-A408075/4	4	80x145	M8	75	A4	5	30	5906675096001
R-S1-XPT-A408115/4	6	95x220	M8	115	A4	5	20	5906675096049
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

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RAWLPLUG — SOLID WALLS S

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	Length	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-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-12E/2	2	95x220	M12		5	20	5906675094243
R-S1-RBL-M10/10/5	5	95x220	M10	10	5	20	5906675094267
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-M12/10/5	5	145x220	M12	10	5	10	5906675094328
R-S1-RBL-M6/10/5	5	95x165	M6	10	5	25	5906675094366
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-RBP Rawlbolt - bolt projecting

World's most popular all-purpose expanding shield anchor - bolt projecting version

Rawlplug code	Quantity in pack	Packaging size	Product		Screw	Quantity		Bar Code
		[mm]	Diameter	Length		Box	Outer	
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-M8/25/5	5	95x165	M8	25		5	25	5906675094618
R-S1-RBP-M8/60/5	5	95x220	M8	60		5	20	5906675094632

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RAWLPLUG SOLID WALLS S

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-LXH08150Z/10	10	145x220	10	150	5	10	5906675230252
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-LXH10140Z/10	10	145x290	12.5	140	5	5	5906675091273
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-LXI08-0635/10	10	95x165	M8	-	5	25	5906675419367
R-S1-LXI10-0635/10	10	95x165	M10	-	5	25	5906675419374

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RAWLPLUG

RAWLPLUG TIMBER T

R-TS Chipboard screws

Hardened screws for new generation wood composites and timber

Rawlplug code	Quantity in pack	Packaging size	Product [mm]		Quantity [pcs]		Bar Code
		[mm]	Diameter	Length	Box	Outer	
R-S1-TS-3016	50	080-145	3.0	16	5	30	5906675094984
R-S1-TS-3020	48	080-145	3.0	20	5	30	5906675094991
R-S1-TS-3025	42	080-145	3.0	25	5	30	5906675095004
R-S1-TS-3030	40	080-145	3.0	30	5	30	5906675095011
R-S1-TS-3035	34	080-145	3.0	35	5	30	5906675095028
R-S1-TS-3040	32	080-145	3.0	40	5	30	5906675095035
R-S1-TS-3516	46	080-145	3.5	16	5	30	5906675095042
R-S1-TS-3520	40	080-145	3.5	20	5	30	5906675095059
R-S1-TS-3525	40	080-145	3.5	25	5	30	5906675095066
R-S1-TS-3530	34	080-145	3.5	30	5	30	5906675095073
R-S1-TS-3535	30	080-145	3.5	35	5	30	5906675095080
R-S1-TS-3540	30	080-145	3.5	40	5	30	5906675095097
R-S1-TS-3550	24	080-145	3.5	50	5	30	5906675095103
R-S1-TS-4016	40	080-145	4.0	16	5	30	5906675095110
R-S1-TS-4020	34	080-145	4.0	20	5	30	5906675095127
R-S1-TS-4025	30	080-145	4.0	25	5	30	5906675095134
R-S1-TS-4030	28	080-145	4.0	30	5	30	5906675095141
R-S1-TS-4035	26	080-145	4.0	35	5	30	5906675095158
R-S1-TS-4040	24	080-145	4.0	40	5	30	5906675095165
R-S1-TS-4045	22	080-145	4.0	45	5	30	5906675095172
R-S1-TS-4050	18	080-145	4.0	50	5	30	5906675095189
R-S1-TS-4060	16	080-145	4.0	60	5	30	5906675095196
R-S1-TS-4070	14	080-145	4.0	70	5	30	5906675095202
R-S1-TS-5020	24	080-145	5.0	20	5	30	5906675095219
R-S1-TS-5025	22	080-145	5.0	25	5	30	5906675095226
R-S1-TS-5030	20	080-145	5.0	30	5	30	5906675095233
R-S1-TS-5035	18	080-145	5.0	35	5	30	5906675095240
R-S1-TS-5040	14	080-145	5.0	40	5	30	5906675095257
R-S1-TS-5050	12	080-145	5.0	50	5	30	5906675095264
R-S1-TS-5060	10	080-145	5.0	60	5	30	5906675095271
R-S1-TS-5070	9	080-145	5.0	70	5	30	5906675095288
R-S1-TS-5080	8	080-145	5.0	80	5	30	5906675095295
R-S1-TS-5090	7	080-145	5.0	90	5	30	5906675095301
R-S1-TS-5100	6	080-145	5.0	100	5	30	5906675095318
R-S1-TS-5120	4	095X165	5.0	120	5	25	5906675095325
R-S1-TS-6040	10	080-145	6.0	40	5	30	5906675095332
R-S1-TS-6050	9	080-145	6.0	50	5	30	5906675095349
R-S1-TS-6060	7	080-145	6.0	60	5	30	5906675095356
R-S1-TS-6070	6	080-145	6.0	70	5	30	5906675095363
R-S1-TS-6080	5	080-145	6.0	80	5	30	5906675095370
R-S1-TS-6090	5	080-145	6.0	90	5	30	5906675095387
R-S1-TS-6100	4	080-145	6.0	100	5	30	5906675095400
R-S1-TS-6120	4	095X165	6.0	120	5	25	5906675095417

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SOLUTIONS KITS

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.

DRA02 **x6**

SM M5x37 mm **x6**

UNO-07 **x6**

UNO-06 **x6**

4.0x45 mm **x6**

5.0x50 mm **x6**

10 mm **x1**

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

UNO-07 **x10**

4.5x50 mm **x10**

7 mm **x1**

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.

SM M5x37 mm **x6**

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

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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.

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-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**

5,0x50 mm **x6**

8 mm **x1**

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

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RAWLPLUG SOLUTIONS KITS SK

R-PDS-MIR Mirror Fixing Kit

UNO-06 **x4**

4,0x40 mm **x4**

6 mm **x1**

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**

5,0x60 mm **x8**

8 mm **x1**

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**

4,5x50 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-PDS-RAD	6;6;1	110x185x65	7x30; M5x52; 4.5x50		7	16	16	5906675098098

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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**

UNO-07 **x4**

4,0x40 mm **x4**

4,5x50 mm **x4**

6 mm **x1**

7 mm **x1**

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**

UNO-07 **x6**

4,0x45 mm **x6**

5,0x50 mm **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

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R-S1-FSHWD

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

R-S1-FSLW

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

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

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R-S1-MC-02

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

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**

4,5x60 mm **x4**

8,0x40 **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

PACKAGING FOR LOOSE PRODUCTS

Each product has a label that allows **quick identification**

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RAWLPLUG 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-P1-PLS-12050	346x104x119	Ø 12	12x50	200	200	5906675319711
R-P1-PLS-16085-10	346x104x119	Ø 16	16x85	60	60	5906675383927
R-P1-PLS-16130-10	346x104x119	Ø 16	16x130	40	40	5906675383934
R-P1-PLS-20085	346x104x119	Ø 20	20x85	120	120	5906675319759

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-P1-FF1-N-10K080	346x104x119	10	80	7	89	100	100	5906675320694
R-P1-FF1-N-10K100	346x104x119	10	100	7	109	80	80	5906675320700
R-P1-FF1-N-10K120	346x104x119	10	120	7	129	80	80	5906675320717
R-P1-FF1-N-10K140	346x104x119	10	140	7	149	80	80	5906675320724
R-P1-FF1-N-10K160	346x104x119	10	160	7	169	80	80	5906675320731
R-P1-FF1-N-10K200	346x104x119	10	180	7	209	50	50	5906675320748
R-P1-FF1-N-10K240	346x104x119	10	240	7	249	50	50	5906675320755
R-P1-FF1-N-10K300	346x104x119	10	300	7	309	50	50	5906675320762
FF1-N-L Frame fixing countersunk - Zinc Plated screw, Torx head drive								
R-P1-FF1-N-10L080	346x104x119	10	80	7	87	150	150	5906675320779
R-P1-FF1-N-10L100	346x104x119	10	100	7	107	80	80	5906675320786
R-P1-FF1-N-10L120	346x104x119	10	120	7	127	120	120	5906675320793

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RAWLPLUG UNIVERSAL U

R-STUDS Metric threaded rods

Threaded rod with hexagonal head made of carbon steel class 5.8 for use with bonded anchors

HEXAGONAL HEAD

FLAT 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-P1-STUDS-08110	346x104x119	M8	110	120	120	5906675320373
R-P1-STUDS-08160	346x104x119	M8	160	100	100	5906675320380
R-P1-STUDS-10130	346x104x119	M10	130	50	50	5906675320403
R-P1-STUDS-10170	346x104x119	M10	170	100	100	5906675320410
R-P1-STUDS-10190	346x104x119	M10	190	50	50	5906675320427
R-P1-STUDS-12160	346x104x119	M12	160	20	20	5906675320434
R-P1-STUDS-12190	346x104x119	M12	190	50	50	5906675320441
R-P1-STUDS-12220	346x104x119	M12	220	20	20	5906675320458
R-P1-STUDS-12260	346x104x119	M12	260	10	10	5906675320465
R-P1-STUDS-16190	346x104x119	M16	190	20	20	5906675320472
R-STUDS Metric Threaded Rods - Steel Class 5.8, Flat Head						
R-P1-STUDS-08160FL	346x104x119	8x160	8x160	100	100	5906675320397

RAWLPLUG 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-P1-RBL-M06/10W	346x104x119	M6	55	150	150	5906675320854
R-P1-RBL-M06/25W	346x104x119	M6	70	150	150	5906675320861
R-P1-RBL-M06/40W	346x104x119	M6	85	120	120	5906675320878
R-P1-RBL-M08/10W	346x104x119	M8	65	100	100	5906675320885
R-P1-RBL-M08/25W	346x104x119	M8	80	100	100	5906675320892
R-P1-RBL-M08/40W	346x104x119	M8	95	80	80	5906675320908
R-P1-RBL-M10/10W	346x104x119	M10	75	50	50	5906675320915
R-P1-RBL-M10/25W	346x104x119	M10	90	50	50	5906675320922
R-P1-RBL-M10/50W	346x104x119	M10	115	50	50	5906675320939
R-P1-RBL-M10/75W	346x104x119	M10	140	50	50	5906675320946
R-P1-RBL-M12/10W	346x104x119	M12	90	20	20	5906675320953
R-P1-RBL-M12/25W	346x104x119	M12	105	20	20	5906675320960
R-P1-RBL-M12/40W	346x104x119	M12	120	20	20	5906675320977
R-P1-RBL-M12/60W	346x104x119	M12	140	20	20	5906675320984

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RAWLPLUG

SOLID WALLS S

R-RBL-E Rawlbolt - eye bolt

World's most popular all-purpose expanding shield anchor - eye bolt version

Rawlplug code	Packaging size	Product		Quantity [pcs]		Bar Code
	[mm]	Diameter [mm]	Length [mm]	Box	Outerbox	
R-P1-RBL-06EW	346x104x119	M6	73	200	200	5906675319810
R-P1-RBL-08EW	346x104x119	M8	87	200	200	5906675319841
R-P1-RBL-10EW	346x104x119	M10	108	100	100	5906675319865
R-P1-RBL-12EW	346x104x119	M12	130	50	50	5906675319889

R-RBL-H Rawlbolt - hook bolt

World's most popular all-purpose expanding shield anchor - hook bolt version

Rawlplug code	Packaging size	Product		Quantity [pcs]		Bar Code
	[mm]	Diameter [mm]	Length [mm]	Box	Outerbox	
R-P1-RBL-06HW	346x104x119	M6	83	200	200	5906675319834
R-P1-RBL-08HW	346x104x119	M8	98	200	200	5906675319858
R-P1-RBL-10HW	346x104x119	M10	120	100	100	5906675319872
R-P1-RBL-12HW	346x104x119	M12	145	50	50	5906675319896

R-RBP Rawlbolt - bolt projecting

World's most popular all-purpose expanding shield anchor - bolt projecting version

Rawlplug code	Packaging size	Product		Quantity [pcs]		Bar Code
	[mm]	Diameter [mm]	Length [mm]	Box	Outerbox	
R-P1-RBP-M06/10W	346x104x119	M6	65	150	150	5906675319902
R-P1-RBP-M06/25W	346x104x119	M6	80	150	150	5906675319919
R-P1-RBP-M06/60W	346x104x119	M6	115	100	100	5906675319926
R-P1-RBP-M08/10W	346x104x119	M8	75	150	150	5906675319933
R-P1-RBP-M08/25W	346x104x119	M8	90	100	100	5906675319940
R-P1-RBP-M08/60W	346x104x119	M8	125	100	100	5906675319957
R-P1-RBP-M10/15W	346x104x119	M10	90	100	100	5906675319964
R-P1-RBP-M10/30W	346x104x119	M10	105	100	100	5906675319971
R-P1-RBP-M10/60W	346x104x119	M10	135	80	80	5906675319988
R-P1-RBP-M12/15W	346x104x119	M12	110	50	50	5906675319995
R-P1-RBP-M12/30W	346x104x119	M12	125	50	50	5906675320007
R-P1-RBP-M12/75W	346x104x119	M12	170	50	50	5906675320014

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More from Rawlplug

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.

Safety Certificate
Stepping towards the needs of customers, and increasing the general level of safety in closed spaces, we have created a protection system event of which in the combustion prevents fire and smoke from spreading. We invite you to acquaint with our offer for ***Passive Fire Protection Systems***, which hold the European Conformity Assessment.

Guarantee of lasting quality
Thanks to our constant monitoring of the production of assortments from our ***Foams, 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.

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.

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 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.

Ergonomics for construction and at home
We offer high-quality ***Stapling, Tacking and Gluing*** tools that are recommended for both professionals and home DIY. Rawlplug's stapling tools are especially intended for construction, finishing works and repairs while our hot-melt adhesive system includes a new line of glue guns and glues for a wide range of applications - all of which are exceptionally easy to use and provide maximum efficiency and a high degree of flexibility for routine work

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 RAWLPLUG®

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