



102 > RAWPLUG®

Everywhere in the world

Rawplug is the global brand of first choice. In the everyday pursuit of Rawplug'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, Rawplug has become an unsung hero of numerous investment projects completed all over the world.

100 YEARS OF EXPERTISE IN FIXINGS, FASTENERS AND TOOLS



Fixings

Bonded anchors

Uncompromising technical parameters and safety guaranteed in all applications.

Mechanical anchors

Advanced technology for high load capacity and simplicity of use.

Lightweight fixings

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

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.

Foams and sealants

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

Fasteners

Direct Manual & Fastening systems

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

Screws

Durable connection in wood.

Tools

Power tools

Range of cordless power tools with i-ten technology.

Power tool accessories

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





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

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

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



Now you can sign up For any chosen
for me I of our training by registering at
rawtplug.com/en/rawtplug-academy



Overview of bonded anchors
Bonded anchors installation

R-KEX II pure epoxy resin

Hybrid resin

R-KER-11 / R-CFS+KER-11 hybrid resin

Vignaster rostratus

K-KER / R-CFS+RV200 vinyl ester resin

Pollester resin

R-KEM II styrene free polyester resin

P-KF2 polyester resin with styrene

10



R-KEX-11

PURE EPOXY RESIN

Premium pure epoxy resin 3:1 approved for use in cracked and non-cracked concrete.



EINAR



BARRIERS



L'ATTEZIONE



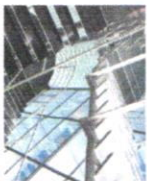
CONCRETE REPAIRS, REINFORCEMENT, FIXINGS, FASTENERS AND TOOLS

High performance vinyl ester resin approved for use in cracked and non-cracked concrete.

R-HAC-V - Fast, permanent, quick setting resin fixing F or concrete.

R-HAC-V - Heavy duty anchor simply installed by hammering the stud.

non-cracked concrete and wide range of solid or hollow masonry structures.
ETA For 15 substrates.

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Overview of our range

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10 RAWLP LUG®



Concrete screws
Throughbolts
Rawbolts
SafetyPlus
Drop-in anchors
Mechanical anchors accessories



Mechanical Anchors

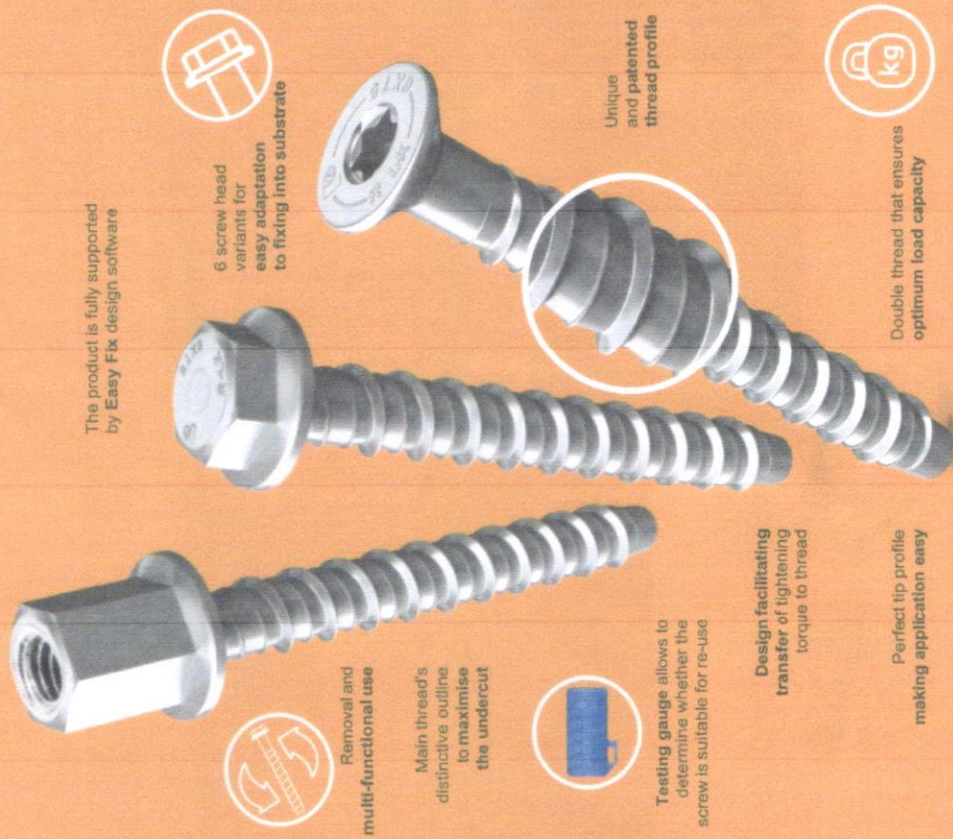
Construction Bolts

**HV High-Strength Structural Bolting Assemblies
for Preloading**

forAWLPLuc.

100 YEARS OF EXPERTISE IN FIXINGS, FASTENERS AND TOOLS

QUICK, EFFICIENT AND SECURE ANCHORING



The product is fully supported
by Easy Fix design software

6 screw head
variants for
easy adaptation
to fixing into substrate

Removal and
multi-functional use

Main thread's
distinctive outline
to maximise
the undercut

Unique
and patented
thread profile

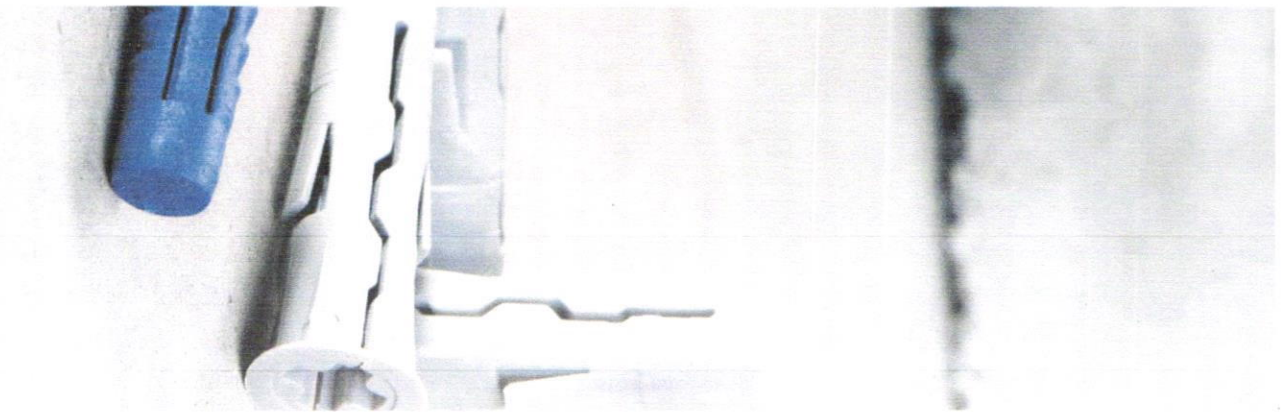
Double thread that ensures
optimum load capacity

Testing gauge allows to
determine whether the
screw is suitable for re-use

Design facilitating
transfer of tightening
torque to thread

Perfect tip profile
making application easy





Lightweight Fixings

- Overview of lightweight fixings
- Frame fixings
- Universal fixings
- Metal fixings
- Hammer-in fixings
- Drywall fixings
- Metal frame anchor
- Metal frame screw

forAWLPLuc:

100 YEARS OF EXPERTISE IN FIXINGS, FASTENERS AND TOOLS

UNIVERSAL

R-FF1
FRAME FIXING WITH
LONG EXPANSION ZONE

Universal frame fixing
for many applications

R-FFS
FRAME FIXING WITH
SHORT EXPANSION ZONE

For selectively gap system
fixation and/or edge
fixation

R-KEM II

CURTAIN WALLING

VENT LATED FACADES

RAML PLUS

FFI

DOOR AND WINDOW FRAMES
AIR CONDITIONERS

TV STANDS

BALUSTRADES AND HANDRAILS

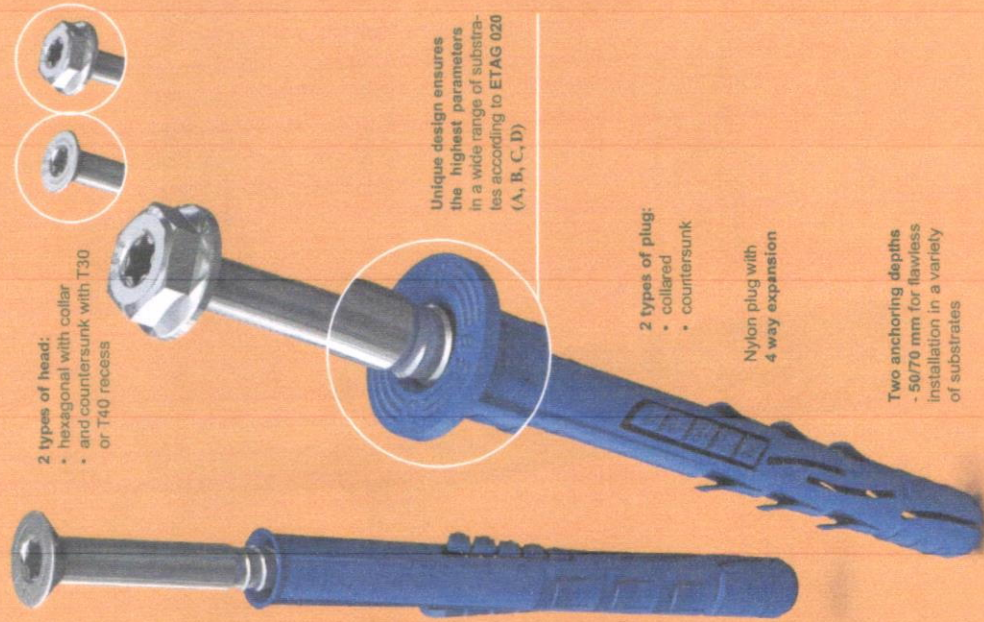



Trust Innovation

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R-FF1



2 types of head:

- hexagonal with collar
- and countersunk with T30 or T40 recess

3 types of screw:

- carbon steel zinc-plated
- carbon steel zinc-flake-coated
- A4 stainless steel



Internal plug geometry designed to fit the screw head

Unique design ensures the highest parameters in a wide range of substrates according to ETAG 020 (A, B, C, D)

2 types of plug:

- collared
- countersunk

Nylon plug with
4 way expansion

**Two anchoring depths
- 50/70 mm for flawless
installation in a variety
of substrates**

R-FFS SPEED OF WORK VERSATILITY!

Hexagonal head
with collar

R90 fire resistance and A1
fire classification allow the
product to be used in the
most demanding assembly
applications

Minimized
installation time
-only 40 mm



A unique anchoring zone
guarantee achievement
of the highest technical
parameters for professional
applications



High shear strength thanks
to the use of steel grade 6.8

Frame fixing with collar designed
for fixing the facade ventilated and
window frames

Quick installation thanks
to 2 reduced anchoring depths:
40 mm in concrete and solid
brick* (categories A and B*)
50 mm in substrates with
hollow brick and aerated
concrete (categories C and D)

Punch-tool to increase the
performance in aerated concrete

Available lengths
in the range of 50-120 mm

RAWPLUG - LIGHTWEIGHT FIXINGS

R-FFS FRAME FIXING WITH THE SHORTEST ANCHORING ZONE

QUICK ASSEMBLY, THANKS TO TWO REDUCED ANCHORING DEPTHS



SPEED +40%

The shortest anchoring depth limited to 40mm in
solid materials ensures shortening of the holes drilling
time and cost effectiveness due to the shortening of the
length of the drill bits necessary for drilling. In addition,
the option of using a punch-tool reduces assembly
time by 40%.

SECURITY

The new R-FFS Rawplugging fixing not only meets all
the requirements of laboratory tests, but also works
in the toughest construction conditions. Thanks to
the technical parameters confirmed in ETA and fire
resistance R90 is a solution recommended for the most
demanding building connections.

VERSATILITY

The innovative design of the expansion zones enables
work in all typical substrates (A, B, C, D). This allows
the use of one type of fastener for mounting the sub-
strates of different types and thicknesses of the amount
of application - both in reinforced concrete construction
and solid or hollow masonry substrates.

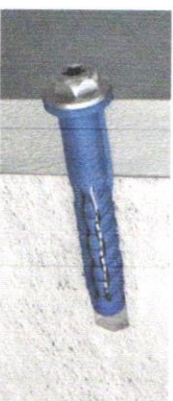
HIGH STRENGTH

High shear strength thanks to the thickened screw and
the use of steel grade 6.8. This is particularly important
when installing terminals in steel and other structures
that are exposed to shear forces.

**INSTALLATION IN CONCRETE
AND OTHER MATERIALS (A, B, C, D)**



**INSTALLATION WITH TOOL
IN AERATED CONCRETE BASE**



In preparation

EXAMINING
THE SUBSTRATE

SELECTION OF THE
FIXING'S TYPE

SELECTION OF
THE FIXING'S
LENGTH

INSTALLATION
PLANNING
ACCORDING
TO GUIDELINES

SELECTION
OF DRILLING
TECHNIQUE
AND DRILL BITS

SELECTION OF
ACCESSORIES

EXTERNAL THERMAL
INSULATION
COMPOSITE SYSTEM (ETICS)



Facade insulation fixings

Overview of facade fixings

Screw-in facade fixings

Hammer-in facade fixings

Washers

Facade insulation accessories

(ORAWL)PLUG

100 YEARS OF EXPERTISE IN FIXINGS, FASTENERS, AND TOOLS

Overview of our range '...'

R-TRIX-IM	TRIXSP	MBA	INSULATION FIXINGS			
			R-KC	KCX	R-OB	
V	V	V	V	V		
V	V	V	V	V		
V	V	V	-	-		
V	V	V	V	V	V	0.5 kN
1.2 kN	0.5 kN	0.8 kN		1.5 kN		
V	V	V				
1.2 kN	0.5 kN	0.6 kN				
V	V	V				
0.5-1.1 kN	0.3 kN					
V	V					
0.5 kN	0.3 kN					
V	V	V				
1.0 kN	0.5 kN	0.8 kN				
			V	V		
			0.91 kN	1.5 kN		
			V	V		
			0.81 kN	1.5 kN		
ETA 17/0592	ETA-130845	KOT-20180721	KOT-2017-0945	AT-15-0280/2014	Zulassung Z-218-2077	
60-260	50-190	50-160	40-200	40-350	50-300	
8	8	8			5.0	
25(65)	25(65)	50	30	30	30	
hammer set Cj	hammer set 4111	hammer set Cj	screw-in	screw-in	screw-in	
0	0	0	if	if	if	
The best hammer set for very good performance in the toughest insulation	The guaranteed fixing for best ETS applications	Non-damaging fixings for ETICS requiring insulation	The best choice for timber, abutting board and superimposed sheet	The best choice for standing board and superimposed sheet	The best choice for timber, standing board and superimposed sheet	



Overview of our range'-/

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

> SC40 II GAS POWERD NAILER

FOR STEEL AND CONCRETE

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

Lithium-ion battery up to 8000 fixings per charge

Fast charging 2 minutes +200 fixings

Improved distribution mass, limits forearm overhead and provides work comfort

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



One of the lowest weights in the market

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

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

COLLATED NAILS R40C



CLEANING KIT R-KIT-WW90SC40



ACCESSORIES SELECTION GUIDE

STEP1 CHOOSE THE SUBSTRATE 	STEP3 CHOOSE THE COLLATED NAILS
STEP2 CHOOSE THE FIXTURE 	STEP4 SELECT THE RIGHT LENGTH OF NAILS

Direct and Manual Fastening Systems

Overview of direct fastening solutions

SC40 Gas toolchain for concrete and steel
WW90 Gas solution for wood
Jolt nailer for wood
Secord fix nailer for wood
Pneumatically actuated tools
Paper strip nailers
Coil nailers
Staplers and staples
Gluing system

FOR RAWLPLUG®

100 YEARS OF EXPERTISE IN FIXINGS, FASTENERS AND TOOLS



CONSUMABLES FOR GAS ACTUATED TOOLS

NYLON AND METAL CLIPS, WASHERS



PCR



PCO



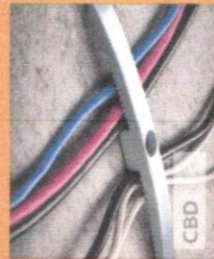
HI



PCD



PCS



CBD



CBS



TCD



TCS



MW-25



MCD



MCS

nylon

metal

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

R-WW90 II GAS POWERED FRAMING NAILER

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

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

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

Keyless depth adjustment
convenient, reliable and
accurate fixing

Improved design
and ergonomics
less fatigue and
great user
experience

Convenient
hook
after
hook
ensures high
user comfort

Fast 2min
charging+200
fixings



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

STEP 1 SELECT USE CONDITIONS

TYPE OF INSTALLATION

EXTERNAL USE
• external
• exposed to weather
conditions

INTERNAL USE
• hidden from
weather
conditions

APPLICATIONS

• external
• exposed to weather
• decking

• roof
• construction
• hidden from weather
• timber framing

STEP 1 SELECT PULL OUT FORCE

HIGH PULL OUT FORCE

RING SHANK



LOW PULL OUT FORCE

SMOOTH SHANK



CONSUMABLES FOR GAS ACTUATED TOOLS > FUEL CELLS / NAILS & BRADS

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

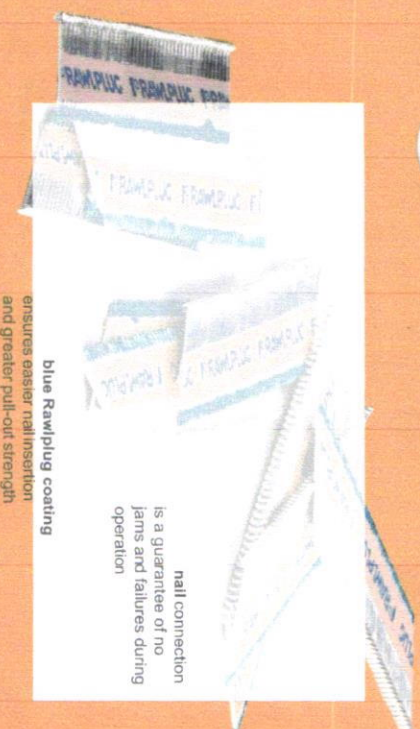
Resistance of the gas to a wide temperature range from -5°C to 35°C allows you to extend the working season of installation works



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

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

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



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

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

PRO CUT CONSTRUCTION SCREWS MADE BY RAWLPLUG® > WOOD SCREWS



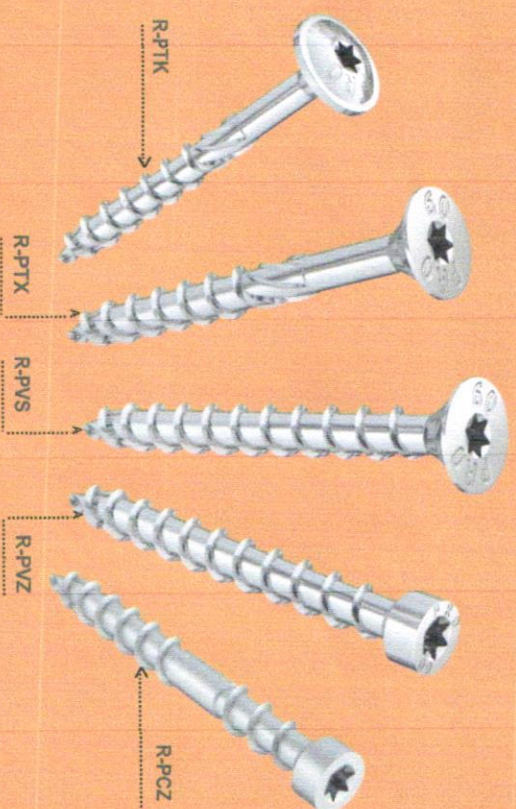
Oversize water head increases clamping force and pull-through



Countersunk head with contoured pockets on the underside support every type of application in wood



The cylindrical head with threading located directly below for mounting



Partial thread with RAWL MILL-grinding point reduce time and amount of power required to drive the screw into the substrate



Full thread with increased sharpness improves anchoring in all wood types working as a reinforcement



Double thread with different pitch values increases clamping force to secure the fixture and substrate together



Transvers RIBSPLIT blades. Rolled tip RAWL TIP ensures that screwdriving starts immediately

RawiHAMMER
ROTARY HAMMER SDS-PLUS 18V
R-PRH18

RawiWRENCH
IMPACT WRENCH 18V
R-PW18

RawiWRENCH
IMPACT DRIVER 18V
R-PID18

RawiDRIVER
DRILL DRIVER 18V
R-PDD18

RawiDRIVER
DRYWALL SCREWDRIVER 18V
R-PDS18

RawiGRINDER
ANGLE GRINDER 18V
R-PAG18

AGGRESSOR

REBAR DRILL

DUSTLESS DRILL

TURBO DRILL

BRICK DRILL

ACCESSORIES

Power Tool Accessories

Drill bits for concrete
Drill bits for steel
Drill bits for wood
Bits, bit holders and sockets
Bits
Bit holders
Sockets
Diamond discs and saws
Diamond rollers
Cutting wheels

(ORAWL PLUS)
100 YEARS OF EXPERIENCE IN DRILLING TECHNOLOGY

DRILL BITS

FOR CONCRETE, STEEL, WOOD

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

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

Ground spiral enables you to drill precisely

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



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

Geometry of the drill bit head with a self-honing 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 chipings, which increases drilling speed

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

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

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

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

RAWIPLUC | POWER TOOL ACCESSORIES

DRILL BITS FOR CONCRETE

INTERMEDIATE ANCHORING AND CREATING LASTING CONNECTIONS

DUSTLESS DRILL



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

AGGRESSOR



Drill bits for fast drilling in concrete

REBAR DRILL



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

TURBODRILL



SDS max drill bits For drilling deep holes in reinforced concrete

BRICK DRILL



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

> BITS, BIT HOLDERS AND SOCKETS

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

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

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

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

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

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

Special steel 52

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

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

Anti-corrosion coating, blue colour, prevents rust



> DA MON ANDABRASIVE TECHNOLOGY

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

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

High ring provides extra time for work

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

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

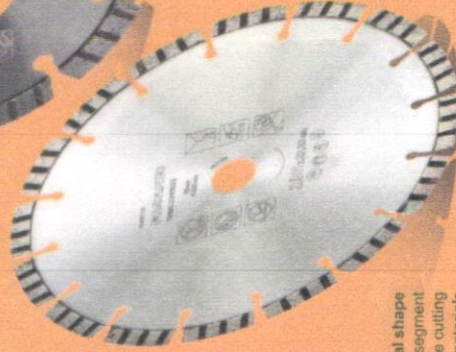
High-quality laser connection between the segments and the disc increases the service life and the cutting efficiency

The European diamond ensures high cutting quality



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

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



PHOSPHATE-COATED FOR WOOD AND METAL

COLLATED DRYWALL SCREWS

Easy to drive due to
excellent drilling capability

Screw head type: Bugle head

Screw drive type: PH2

Optimised system of collated
screws and drywall screwdrivers

High setting frequency
- get more done in less time

Designed for use with the
R-PDS18 screwdriver 18V



100 years
1919-2019
ROSH PLUS.



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1800 891 6879

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www.roshtechnologies.in

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