

Compact, handy power tool for core drilling, e.g. in concrete, steel-reinforced concrete, all kinds of masonry, natural stone, asphalt, all kinds of screed. Dry or wet drilling, hand held or with drill stand. For trade and industry.

Concrete, steel-reinforced concrete	≤ Ø 102 (132) mm
Masonry and other materials	≤ Ø 162 mm

REMS Universal diamond core drilling crowns, also suitable for drive machines of other makes, see page 310–312.

**REMS Picus S1 – Core drilling instead of chiselling.**  
**Easy, fast, vibration-free, e.g. 200 mm in steel-reinforced concrete Ø 62 mm in only 3 min.**

**1 system – 4 applications.**  
**Ideal for plumbers.**

### Universal use

Universal drive machine for dry or wet drilling, hand held or with drill stand. Can be used anywhere, in narrow angles, flush with the wall. For many materials. For pipeline and cable ducting, ventilation channels, test core drilling.

### System advantage

Only **one** type of universal diamond core drilling crowns for all REMS Picus drive machines and other suitable makes of drive machines. Therefore simple, low cost storage. No confusion possible.

### Design

Compact, handy drive machine for vibration-free core drilling, with drilling crown connecting thread UNC 1¼ male, BSPP ½ female. Robust, suitable for the building site. Extra light, only 5.2 kg. Simple, fast work, e.g. 200 mm in steel-reinforced concrete Ø 62 mm in only 3 min. Practical spade handle and stabiliser for hand held drilling. Throat Ø 60 mm for holding the drive machine in the drill stand. Water supply for wet drilling, with adjustable shut-off valve and quick-coupling with water stop and hose connection ½". Suction rotor for sucking off dust for dry drilling with connection for conventional vacuum cleaner, as accessory.

### Drive

Robust, powerful 1850 W universal motor. Load speed drilling spindle 580 rpm. Stable, maintenance-free gear. Blocking protection by safety slip clutch. Tip switch with lock. Connecting cable with integrated personal protection switch (PRCD).

### Multifunction electronics

Multifunction electronics with start-up current limiting for soft starting for delicate drilling start, automatic idle speed limiting for noise reduction and preservation of the motor, overload and blocking protection for motor and gear.

### Universal diamond core drilling crowns

Universally usable for dry and wet drilling, hand held or with drill stand. Optionally REMS Universal diamond core drilling crowns, inductively soldered, resolderable or REMS Universal diamond core drilling crowns LS, laser welded, high temperature-resistant (page 310–312). Connecting thread UNC 1¼ female. Drilling depth 420 mm. Specially developed, high quality diamond segments with high diamond percentage and special bonding, for excellent drilling performance and very long life. Ideal for universal applications in steel-reinforced concrete and masonry. Adapter for using the REMS Universal diamond core drilling crowns in drive machines of other makes, as accessory. Light loosening ring, for light loosening of the diamond core crown, as accessory.

### Dust extraction in accordance with EN 60335-2-69

When working with mineral building materials, e.g. concrete, steel-reinforced concrete, masonry and screed, a high degree of mineral dust containing quartz is produced which is harmful to the health. Inhalation of quartz fine dust is harmful to the health. EN 60335-2-69 prescribes the use of at least one safety extractor of dust class M for the extraction of health hazardous dusts with an exposure limit/work place limit of > 0.1 mg/m³. Observe the national regulations.

Suction rotor for dust extraction in dry drilling with connection for REMS Pull 2 and other suitable extractors, as accessory (page 309). REMS Pull 2 M, wet and dry dust extractor, certified for extracting health hazardous dusts of dust class M (page 322).

### Drilling start aid

Drilling start aid G ½ UDKB, with bores for extracting the drilling dust from the bore hole by a suction rotor for dust extraction, with carbide masonry drill Ø 8 mm.

### Water extractor unit

Water extractor unit for wet drilling up to Ø 170 mm, consisting of a water collector ring with connection for REMS Pull 2 or other suitable wet extractors, compression ring, rubber washer Ø 200 mm, adaptable to diameter of the drill crown and universal pressure pad for all REMS drill stands, as accessory.

### Drill stand

REMS Simplex 2 or REMS Titan drill stands can be used optionally (page 308).



Info



REMS Simplex 2



REMS Titan



REMS Picus S1 Basic-Pack

## Supply format

**REMS Picus S1 Basic-Pack.** Electric diamond core drilling machine for core drilling in concrete, steel-reinforced concrete  $\leq \varnothing 102$  (132) mm, masonry and other materials  $\leq \varnothing 162$  mm. For dry and wet drilling, hand held or with drill stand. Drive machine with drilling crown connecting thread UNC 1 1/4 male, BSPP 1/2 female, maintenance-free gear with safety slip clutch, universal motor 230 V, 50–60 Hz, 1850 W. Multifunction electronics with soft starting, idle speed limiting, overload protection, blocking protection. Touch switch with lock. Personal protection switch (PRCD). Load speed drilling spindle 580 rpm. Water supply device with adjustable shut-off valve and quick coupling with water stop and 1/2" hose connection. Stabiliser. Drilling start aid G 1/2 UDKB with drill  $\varnothing 8$  mm, Allen key size 3. Single open-ended wrench size 32. In sturdy steel case.

	Art.-No.	
	180010	

Other voltages on request.

## Supply format

**REMS Picus S1 Set Simplex 2.** REMS Picus S1 Basic-Pack with REMS Simplex 2 drilling stand including tools and fastening kit for masonry and concrete.

	Art.-No.	
	180032	

Other voltages on request.



REMS Picus S1 Set Simplex 2

## Accessories

Description	Art.-No.	
<b>REMS Picus S1 drive unit</b>	180000	
<b>Steel case with inlay</b>	180600	
<b>REMS Universal diamond core drilling crowns</b> , inductively soldered, resolderable, see page 310.		
<b>REMS universal diamond core drilling crowns LS</b> , laser welded, high temperature-resistant, see page 312.		
<b>REMS Pull 2 L / M</b> , dry and wet extractors, see page 322		
Additional accessories see page 308–309.		



Powerful, handy power tool for core drilling, e.g. in concrete, steel-reinforced concrete, all kinds of masonry, natural stone, asphalt, all kinds of screed. Dry or wet drilling, hand held or with drill stand. For trade and industry.

Concrete, steel-reinforced concrete	≤ Ø 152 (200) mm
Masonry and other materials	≤ Ø 250 mm

REMS Universal diamond core drilling crowns, also suitable for drive machines of other makes, see page 310–312.

**REMS Picus S3 – Core drilling instead of chiselling.**  
**Easy, fast, vibration-free, e.g. 200 mm in steel-reinforced concrete Ø 62 mm in only 3 min.**

**1 system – 4 applications.**  
**Ideal for plumbers.**

### Universal use

Universal drive machine for dry or wet drilling, hand held or with drill stand. Can be used anywhere, in narrow angles, flush with the wall. Extremely versatile and efficient, e.g. drilling in steel-reinforced concrete, masonry and other materials. For pipeline and cable ducting, ventilation channels, test core drilling.

### System advantage

Only **one** type of universal diamond core drilling crowns for all REMS Picus drive machines and other suitable makes of drive machines. Therefore simple, low cost storage. No confusion possible.

### Design

Compact, handy drive machine for vibration-free core drilling, with drilling crown connecting thread UNC 1¼ male, BSPP ½ female. Robust, suitable for the building site. Only 7.4 kg. Simple, fast work, e.g. 200 mm in steel-reinforced concrete Ø 62 mm in only 3 min. Practical spade handle and stabiliser for hand held drilling. Throat Ø 60 mm for holding the drive machine in the drill stand. Water supply for wet drilling, with adjustable shut-off valve and quick-coupling with water stop and hose connection ½". Suction rotor for sucking off dust for dry drilling with connection for conventional vacuum cleaner, as accessory.

### Drive

Robust, powerful 2200 W universal motor. Stable, maintenance-free 3-speed gear for optimum selection of load speed according to the drilling diameter. Load speed drilling spindle 530 rpm, 1280 rpm, 1780 rpm. Blocking protection by safety slip clutch. Tip switch with lock. Connecting cable with integrated personal protection switch (PRCD).

### Multifunction electronics

Multifunction electronics with start-up current limiting for soft starting for delicate drilling start, automatic idle speed limiting for noise reduction and preservation of the motor, overload and blocking protection for motor and gear.

### Universal diamond core drilling crowns

Universally usable for dry and wet drilling, hand held or with drill stand. Optionally REMS Universal diamond core drilling crowns, inductively soldered, resolderable or REMS Universal diamond core drilling crowns LS, laser welded, high temperature-resistant (page 310–312). Connecting thread UNC 1¼ female. Drilling depth 420 mm. Specially developed, high quality diamond segments with high diamond percentage and special bonding, for excellent drilling performance and very long life. Ideal for universal applications in steel-reinforced concrete and masonry. Adapter for using the REMS Universal diamond core drilling crowns in drive machines of other makes, as accessory. Light loosening ring, for light loosening of the diamond core crown, as accessory.

### Dust extraction in accordance with EN 60335-2-69

When working with mineral building materials, e.g. concrete, steel-reinforced concrete, masonry and screed, a high degree of mineral dust containing quartz is produced which is harmful to the health. Inhalation of quartz fine dust is harmful to the health. EN 60335-2-69 prescribes the use of at least one safety extractor of dust class M for the extraction of health hazardous dusts with an exposure limit/work place limit of > 0.1 mg/m³. Observe the national regulations.

Suction rotor for dust extraction in dry drilling with connection for REMS Pull 2 and other suitable extractors, as accessory (page 309). REMS Pull 2 M, wet and dry dust extractor, certified for extracting health hazardous dusts of dust class M (page 322).

### Drilling start aid

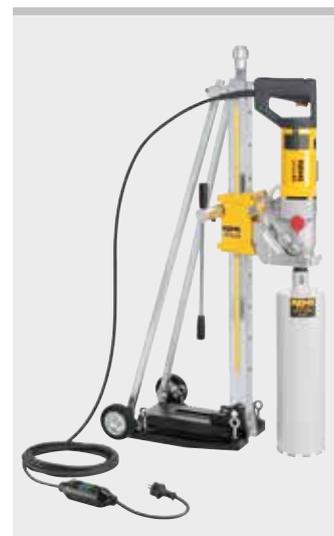
Drilling start aid G ½ UDKB, with bores for extracting the drilling dust from the bore hole by a suction rotor for dust extraction, with carbide masonry drill Ø 8 mm, as accessory.

### Water extractor unit

Water extractor unit for wet drilling up to Ø 170 mm, consisting of a water collector ring with connection for REMS Pull 2 or other suitable wet extractors, compression ring, rubber washer Ø 200 mm, adaptable to diameter of the drill crown and universal pressure pad for all REMS drill stands, as accessory.

### Drill stand

REMS Simplex 2 or REMS Titan drill stands can be used optionally (page 308).



Info



REMS Simplex 2



REMS Titan



REMS Picus S3 Basic-Pack



REMS Picus S3 Set Titan



REMS Picus S3 Set 62-82-132 Titan

### Supply format

**REMS Picus S3 Basic-Pack.** Electric diamond core drilling machine for core drilling in concrete, steel-reinforced concrete  $\leq \varnothing 152$  (200) mm, masonry and other materials  $\leq \varnothing 250$  mm. For dry and wet drilling, hand held or with drill stand. Drive machine with drilling crown connecting thread UNC 1 1/4 male, BSPP 1/2 female, maintenance-free 3-speed gear with safety slip clutch, universal motor 230 V, 50–60 Hz, 2200 W. Multifunction electronics with soft starting, idle speed limiting, overload protection, blocking protection. Touch switch with lock, personal protection switch (PRCD). Load speed drilling spindle 530 rpm, 1280 rpm, 1780 rpm. Water supply with adjustable shut-off valve and quick-coupling with water stop and hose connection 1/2". Stabiliser. Starting aid BSPP 1/2, Allen key size 3. Single open-ended wrench size 32. In sturdy steel case.

	Art.-No.	
	180011	

Other voltages on request.

### Supply format

**REMS Picus S3 Set Titan.** REMS Picus S3 Basic-Pack with REMS Titan drilling stand including fastening kit for masonry and concrete.

	Art.-No.	
	180029	

Other voltages on request.

### Supply format

**REMS Picus S3 Set 62+82+132 Titan.** REMS Picus S3 Basic-Pack with REMS Universal diamond core drilling crowns UDKB  $\varnothing 62+82+132$  mm and REMS Titan drilling stand including fastening kit for masonry and concrete.

	Art.-No.	
	180028	

Other voltages on request.

### Accessories

Description	Art.-No.	
<b>REMS Picus S3 drive unit</b>	180001	
<b>Steel case with inlay</b>	180600	
<b>REMS Universal diamond core drilling crowns</b> , inductively soldered, resolderable, see page 310.		
<b>REMS universal diamond core drilling crowns LS</b> , laser welded, high temperature-resistant, see page 312.		
<b>REMS Pull 2 L / M</b> , dry and wet extractors, see page 322		
Additional accessories see page 308–309.		



Compact, handy power tool for core drilling, e.g. in concrete, steel-reinforced concrete, all kinds of masonry, natural stone, asphalt, all kinds of screed. With speed regulation. Dry or wet drilling, hand held or with drill stand. For trade and industry.

Concrete, steel-reinforced concrete	≤ Ø 162 (200) mm
Masonry and other materials	≤ Ø 250 mm

REMS Universal diamond core drilling crowns, also suitable for drive machines of other makes, see page 310–312.

**REMS Picus SR – Core drilling instead of chiselling. Easy, fast, vibration-free, e.g. 200 mm in steel-reinforced concrete Ø 62 mm in only 3 min. With speed regulation.**

**1 system – 4 applications.**

**Ideal for plumbers.**

### Universal use

Universal drive machine for dry or wet drilling, hand held or with drill stand. Can be used anywhere, in narrow angles, flush with the wall. Extremely versatile and efficient, e.g. drilling in steel-reinforced concrete, masonry and other materials. For pipeline and cable ducting, ventilation channels, test core drilling.

### System advantage

Only **one** type of universal diamond core drilling crowns for all REMS Picus drive machines and other suitable makes of drive machines. Therefore simple, low cost storage. No confusion possible.

### Design

Compact, handy drive machine for vibration-free core drilling, with drilling crown connecting thread UNC 1¼ male, BSPP ½ female. Robust, suitable for the building site. Extra light, only 6.4 kg. Simple, fast work, e.g. 200 mm in steel-reinforced concrete Ø 62 mm in only 3 min. Practical spade handle and stabiliser for hand held drilling. Throat Ø 60 mm for holding the drive machine in the drill stand. Spacer set for additional stabilisation of the REMS Picus SR drive unit on the REMS Titan drill stand. Water supply for wet drilling, with adjustable shut-off valve and quick-coupling with water stop and hose connection ½".

### Drive

Robust, powerful 2200 W universal motor. Overheating protection by temperature monitoring of the motor's field winding with a PTC resistor (Positive Temperature Coefficient). Stable, maintenance-free, 2-step gear. Blocking protection by safety slip clutch. Tip switch with lock. Connecting cable with integrated personal protection switch (PRCD).

### Speed-Regulation

Stepless electronic speed regulation of the drive machine for selecting the speed according to the material. The speed is steplessly adjustable on the dial: 250 rpm to 500 rpm (1<sup>st</sup> gear) or 600 rpm to 1200 rpm (2<sup>nd</sup> gear). The electronic speed control that is being used keeps the selected speed constant, also under load. The speed of the drilling crown is kept at the nominal value until it meets with resistance and drops below a critical value. The drive motor stops. When the load on the drive unit is relieved again, the drill runs back up to nominal speed so that work can continue immediately at nominal speed (Patent EP 2 085 191). Advantage: The optimum drilling speed (load speed) selected for the respective material and the drilling crown diameter remains constant for the entire duration of the drilling. For the best drilling performance and maximum life of the drilling crowns.

### Multifunction electronics

Multifunction electronics with start-up current limiting for soft starting for delicate drilling start, automatic idle speed limiting for noise reduction and preservation of the motor, overload and blocking protection for motor and gear.

### Universal diamond core drilling crowns

Universally usable for dry and wet drilling, hand held or with drill stand. Optionally REMS Universal diamond core drilling crowns, inductively soldered, resolderable or REMS Universal diamond core drilling crowns LS, laser welded, high temperature-resistant (page 310–312). Connecting thread UNC 1¼ female. Drilling depth 420 mm. Specially developed, high quality diamond segments with high diamond percentage and special bonding, for excellent drilling performance and very long life. Ideal for universal applications in steel-reinforced concrete and masonry. Adapter for using the REMS Universal diamond core drilling crowns in drive machines of other makes, as accessory. Light loosening ring, for light loosening of the diamond core crown, as accessory.

### Dust extraction in accordance with EN 60335-2-69

When working with mineral building materials, e.g. concrete, steel-reinforced concrete, masonry and screed, a high degree of mineral dust containing quartz is produced which is harmful to the health. Inhalation of quartz fine dust is harmful to the health. EN 60335-2-69 prescribes the use of at least one safety extractor of dust class M for the extraction of health hazardous dusts with an exposure limit/work place limit of > 0.1 mg/m³. Observe the national regulations.

Suction rotor for dust extraction in dry drilling with connection for REMS Pull 2 and other suitable extractors, as accessory (page 309). REMS Pull 2 M, wet and dry dust extractor, certified for extracting health hazardous dusts of dust class M (page 322).

Patent EP 2 085 191



German Quality Product



Info

With speed regulation for the best drilling performance and maximum life of the drilling crowns.



REMS Simplex 2



REMS Titan

### Drilling start aid

Drilling start aid G ½ UDKB, with bores for extracting the drilling dust from the bore hole by a suction rotor for dust extraction, with carbide masonry drill Ø 8 mm, as accessory.

### Drill stand

REMS Simplex 2 or REMS Titan drill stands can be used optionally (page 308).

### Water extractor unit

Water extractor unit for wet drilling up to Ø 170 mm, consisting of a water collector ring with connection for REMS Pull 2 or other suitable wet extractors, compression ring, rubber washer Ø 200 mm, adaptable to diameter of the drill crown and universal pressure pad for all REMS drill stands, as accessory.



REMS Picus SR Basic-Pack



REMS Picus SR Set Titan



REMS Picus SR Set 62-82-132 Titan

### Supply format

**REMS Picus SR Basic-Pack.** For core drilling in concrete, steel-reinforced concrete ≤ Ø 162 (200) mm, masonry and other materials ≤ Ø 250 mm. For dry or wet drilling, hand held or with drill stand. Drive machine with drilling crown connection thread UNC 1¼ male, G ½ female, maintenance-free 2-step gear with safety slip clutch, universal motor 230 V, 50–60 Hz, 2200 W. Stepless electronic speed regulation 250 rpm to 500 rpm (1<sup>st</sup> gear) or 600 rpm to 1200 rpm (2<sup>nd</sup> gear), overheating protection. Multifunction electronics with soft starting, idle speed limiting, overload protection, blocking protection. Touch switch with lock. Personal protection switch (PRCD). Water supply device with adjustable shut-off valve and quick coupling with water stop and ½" hose connection. Stabiliser. Spacer set. Single open ended wrench size 32. In sturdy steel case.

Art.-No.	
183010	

Other voltages on request.

### Supply format

**REMS Picus SR Set Titan.** REMS Picus SR Basic-Pack with REMS Titan drilling stand including fastening kit for masonry and concrete.

Art.-No.	
183022	

Other voltages on request.

### Supply format

**REMS Picus SR Set 62+82+132 Titan.** REMS Picus SR Basic-Pack with REMS Titan drilling stand including fastening kit for masonry and concrete and REMS Universal diamond core drilling crowns UDKB Ø 62+82+132 mm.

Art.-No.	
183023	

Other voltages on request.

### Accessories

Description	Art.-No.
<b>REMS Picus SR drive unit</b>	183000
<b>Spacer set</b> for additional stabilisation of the REMS Picus SR drive unit on the REMS Titan drill stand, consisting of spacer and 2 cylinder head screws M 8×65	183632
<b>Steel case</b> with inlay	180600
<b>REMS Universal diamond core drilling crowns</b> , inductively soldered, resolderable, see page 310.	
<b>REMS universal diamond core drilling crowns LS</b> , laser welded, high temperature-resistant, see page 312.	
<b>REMS Pull 2 L / M</b> , dry and wet extractors, see page 322	
Additional accessories see page 308–309.	



Powerful, robust core drilling machine for core drilling, e.g. in concrete, steel-reinforced concrete, all kinds of masonry, natural stone, asphalt, all kinds of screed. Dry or wet drilling with drill stand. For installation, metalwork, industry.

Concrete, steel-reinforced concrete, masonry and other materials Ø 40–300 mm

REMS Universal diamond core drilling crowns, also suitable for drive machines of other makes, see page 310–312.

**REMS Picus S2/3,5 – Core drilling instead of chiselling. Easy, fast, vibration-free, e.g. 200 mm in steel-reinforced concrete Ø 62 mm in only 2 min.**

### Universal use

Universal drive machine for dry or wet drilling, hand held or with drill stand. Can be used anywhere, in narrow angles, flush with the wall. Extremely versatile and efficient, e.g. drilling in steel-reinforced concrete, masonry and other materials. For pipeline and cable ducting, ventilation channels, test core drilling.

### System advantage

Only one type of universal diamond core drilling crowns for all REMS Picus drive machines and other suitable makes of drive machines. Therefore simple, low cost storage. No confusion possible.

### Design

Compact, handy drive machine for vibration-free core drilling, with drilling crown connecting thread UNC 1¼ male. Light loosening ring, for light loosening of the diamond core crowns. Compact, robust, suitable for the building site. Weight just 14.4 kg. Simple, fast work, e.g. 200 mm in steel-reinforced concrete Ø 62 mm in only 2 min. Clamping plate for fast clamping to the drill stand. Water supply for wet drilling, with adjustable shut-off valve and quick coupling with water stop and hose connection ½".

### Drive

Robust, powerful 3420 W universal motor. Stable, maintenance-free 2-speed gear for optimum selection of load speed according to the drilling diameter. Load speed drilling spindle 320 rpm, 760 rpm. Blocking protection by safety slip clutch. Rocker switch. Connecting cable with integrated personal protection switch (PRCD).

### Multifunction electronics

Multifunction electronics with start-up current limiting for soft starting for delicate drilling start, automatic idle speed limiting for noise reduction and preservation of the motor, overload and blocking protection for motor and gear.

### Universal diamond core drilling crowns

Universally usable for dry and wet drilling, hand held or with drill stand. Optionally REMS Universal diamond core drilling crowns, inductively soldered, resolderable or REMS Universal diamond core drilling crowns LS, laser welded, high temperature-resistant (page 310–312). Connecting thread UNC 1¼ female. Drilling depth 420 mm. Specially developed, high quality diamond segments with high diamond percentage and special bonding, for excellent drilling performance and very long life. Ideal for universal applications in steel-reinforced concrete and masonry. Adapter for using the REMS Universal diamond core drilling crowns in drive machines of other makes, as accessory. Light loosening ring, for light loosening of the diamond core crown, as accessory.

### Water extractor unit

Water extractor unit for wet drilling up to Ø 170 mm, consisting of a water collector ring with connection for REMS Pull 2 or other suitable wet extractors, compression ring, rubber washer Ø 200 mm, adaptable to diameter of the drill crown and universal pressure pad for all REMS drill stands, as accessory.

### Drill stand REMS Titan

Robust, highly stable drilling stand for core drilling in steel-reinforced concrete and other materials up to Ø 300 mm. For high demands. Drill column made of rigid, unbendable square precision steel tube  $\varnothing$  50 mm, with extra narrow tolerance, for low-vibration guiding of the slide. Continuously tiltable with degree scale up to 45°, with double support by adjustable, single-part steel girders, for maximum thrust pressure. Highly stable, 3-sided guidance of the drill column in the base plate and triple cross fastening for high rigidity in vertical drilling. 4 Eyebolts for levelling unevenness of the floor, for exact standing position. Drill depth scale. Slide guided on all sides by adjustable, pretensioned plastic slide bearings. Precision in-feed drive ensures easy, low-vibration drilling and precise, low-vibration drill thrust. For high thrust pressure and long life of the drilling crowns. Spirit level integrated in the slide for exact alignment of the drill stand. Locking of the slide for simple assembly of the drilling crown and safe transport. Rigid connection plate made of wear-resistant spheroidal iron. Quick-clamping device for accommodating drive units with a suitable connection plate. Highly stable clamping bracket, unbendable and rigid, for accommodating drive units with Ø 60 mm clamping throat. Rack and pinion force transmission with ergonomically designed pressing lever which can be inserted in both sides of the slide. Wide steel rack. Base plate with groove for sealing ring of the vacuum fastening. Vacuum fastening as accessory. Drill column with adjustable clamping head for clamping the drill stand between the ceiling and floor or between two walls. Mobile drill stand for easy transport. Weight 19.5 kg.

With tools, consisting of Allen key size 6, single open ended wrench size SW 19 and SW 30 and fastening kit for masonry and concrete, consisting of 2 M12 splaying anchors, 10 M12 hammer anchors for concrete, setting iron for M12 hammer anchors, cord threaded bar M12 x 52, quick clamping nut, washer, carbide masonry drill Ø 15 mm SDS-plus, in box.



Info



REMS Titan



REMS Picus S2/3,5 Basic-Pack

### Supply format

**REMS Picus S2/3,5 Basic-Pack.** Electric diamond core drilling machine for core drilling in concrete, steel-reinforced concrete, all kinds of masonry, natural stone, asphalt, all kinds of screed, Ø 40 – 300 mm. For dry and wet drilling with drill stand. Drive machine with drilling crown connecting thread UNC 1 1/4 male, maintenance-free 2-speed gear with safety slip clutch, universal motor 230 V, 50 – 60 Hz, 3420 W. Multifunction electronics with soft starting, idle speed limiting, overload protection, blocking protection. Touch switch with lock. Personal protection switch (PRCD). Load speed drilling spindle 320 rpm, 760 rpm. Water supply device with adjustable shut-off valve and quick coupling with water stop and hose connection 1/2". Light loosening ring. Single open-ended wrench size 32. In a carton.

	Art.-No.	
	180012	

Other voltages on request.

### Supply format

**REMS Picus S2/3,5 Set Titan.** REMS Picus SR/3.5 Basic-Pack with REMS Titan drilling stand including fastening kit for masonry and concrete.

	Art.-No.	
	180030	

Other voltages on request.



REMS Picus S2/3,5 Set Titan

### Accessories

#### Description

**REMS Universal diamond core drilling crowns,** inductively soldered, resolderable, see page 310.

**REMS universal diamond core drilling crowns LS,** laser welded, high temperature-resistant, see page 312.

**REMS Pull 2 L / M,** dry and wet extractors, see page 322

Additional accessories see page 308 – 309.



## Supply format

**REMS Simplex 2.** Robust, handy drilling stand for core drilling up to Ø 202 mm. Drill column made of rigid, unbendable square precision steel tube  $\varnothing$  50 mm, with extra narrow tolerance, for low-vibration guiding of the slide. Drilling column guided in sturdy stand and double bolted for high rigidity during drilling. Steel section stand. 4 Set screws for levelling unevenness of the floor, for exact standing position. Clamping bracket for holding drive machines with clamping throat  $\varnothing$  60 mm. Slide guided on all sides by adjustable, pretensioned plastic slide bearings. Precision in-feed drive ensures easy, low-vibration drilling and precise, low-vibration drill thrust. For high thrust pressure and long life of the drilling crowns. Spirit level integrated in the slide for exact alignment of the drill stand. Locking of the slide for simple assembly of the drilling crown and safe transport. Stable clamping bracket, unbendable and rigid, for accommodating drive units with  $\varnothing$  60 mm clamping throat. Rack and pinion force transmission with ergonomically designed pressing lever which can be inserted in both sides of the slide. Wide steel rack Weight 12 kg.

With tools comprising Allen key size 6, single open ended wrench size SW 19 and SW 30 and fastening kit for masonry and concrete, consisting of 2 M12 splaying anchors, 10 M12 hammer anchors for concrete, setting iron for M12 hammer anchors, cord threaded bar M12  $\times$  52, quick clamping nut, washer, carbide masonry drill  $\varnothing$  15 mm SDS-plus in box.

For REMS Picus S1, REMS Picus S3, REMS Picus SR, REMS Picus DP and other makes.

	Art.-No.	
	183700	



## Supply format

**REMS Titan.** Robust, highly stable drilling stand for core drilling in steel-reinforced concrete and other materials up to Ø 300 mm. For high demands. Drill column made of rigid, unbendable square precision steel tube  $\varnothing$  50 mm, with extra narrow tolerance, for low-vibration guiding of the slide. Continuously tiltable with degree scale up to 45°, with double support by adjustable, single-part steel girders, for maximum thrust pressure. Highly stable, 3-sided guidance of the drill column in the base plate and triple cross fastening for high rigidity in vertical drilling. 4 Eyebolts for levelling unevenness of the floor, for exact standing position. Drill depth scale. Slide guided on all sides by adjustable, pretensioned plastic slide bearings. Precision in-feed drive ensures easy, low-vibration drilling and precise, low-vibration drill thrust. For high thrust pressure and long life of the drilling crowns. Spirit level integrated in the slide for exact alignment of the drill stand. Locking of the slide for simple assembly of the drilling crown and safe transport. Rigid connection plate made of wear-resistant spheroidal iron. Quick-clamping device for accommodating drive units with a suitable connection plate. Highly stable clamping bracket, unbendable and rigid, for accommodating drive units with  $\varnothing$  60 mm clamping throat. Rack and pinion force transmission with ergonomically designed pressing lever which can be inserted in both sides of the slide. Wide steel rack. Base plate with groove for sealing ring of the vacuum fastening. Vacuum fastening as accessory. Drill column with adjustable clamping head for clamping the drill stand between the ceiling and floor or between two walls. Mobile drill stand for easy transport Weight 19,5 kg.

With tools comprising Allen key size 6, single open ended wrench size SW 19 and SW 30 and fastening kit for masonry and concrete, consisting of 2 M12 splaying anchors, 10 M12 hammer anchors for concrete, setting iron for M12 hammer anchors, cord threaded bar M12  $\times$  52, quick clamping nut, washer, carbide masonry drill  $\varnothing$  15 mm SDS-plus in box.

System advantage: For REMS Picus S1, REMS Picus S3, REMS Picus SR, REMS Picus S2/3,5, REMS Picus DP and other makes. Use spacer set (see below) when using with REMS Picus SR.

	Art.-No.	
	183600	



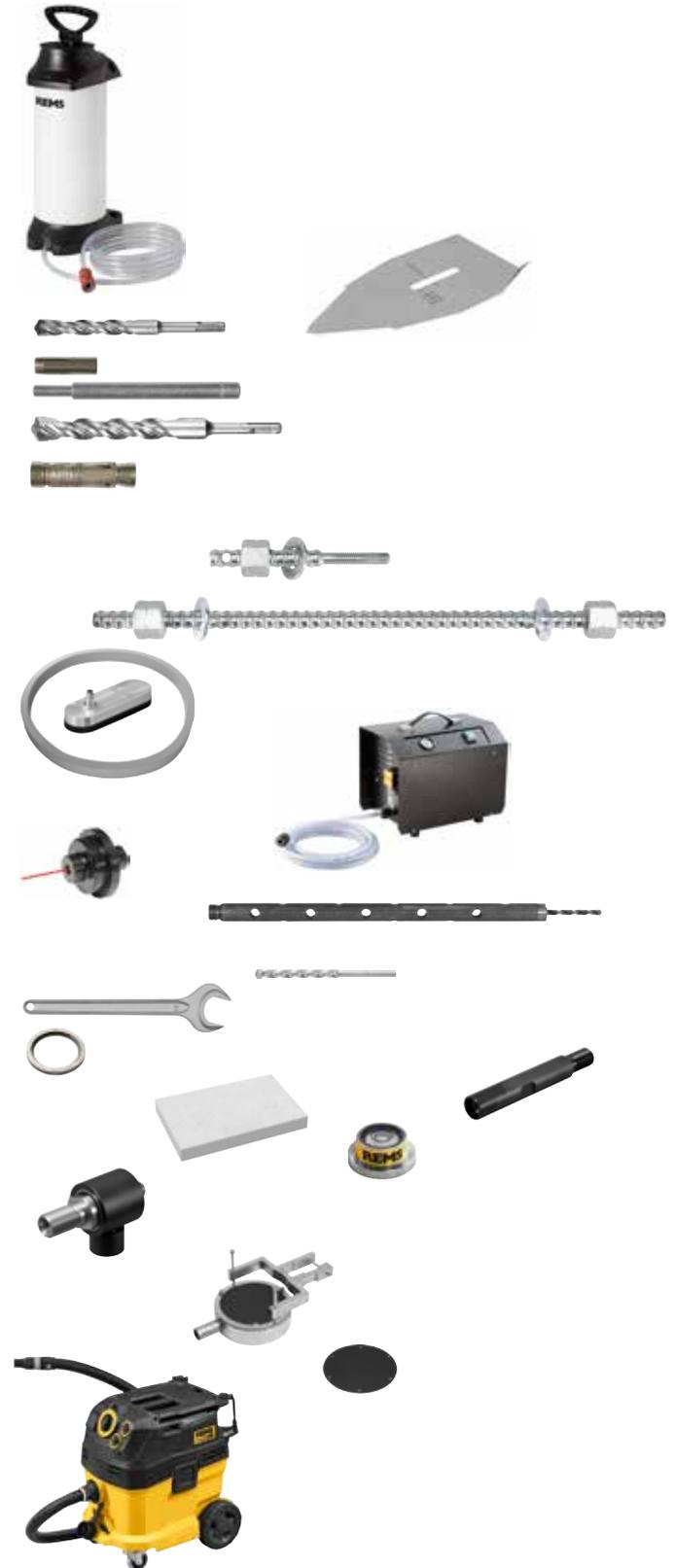
Description	Art.-No.	
<b>Spacer set</b> for additional stabilisation of the REMS Picus SR drive unit on the REMS Titan drill stand, consisting of spacer and 2 cylinder head screws M 8 $\times$ 65	183632	



# Accessories

For REMS Picus S1, REMS Picus S3, REMS Picus SR, REMS Picus S2/3,5 and other makes

Description	Art.-No.
<b>Water pressure tank</b> for 10 ltr of water, for wet drilling without water connection	182006
<b>Titan drilling template</b> for easy setting of the fastening holes. For REMS Titan drilling stand.	183605
<b>Carbide masonry drills Ø 15 mm SDS-plus</b> for hammer anchors M12	079018
<b>Hammer anchor M12 (pack of 50)</b> , for concrete	079005
<b>Setting iron for hammer anchor M12</b>	182050
<b>Carbide masonry drill Ø 20 mm SDS-plus</b> for splaying anchors M12	079019
<b>Splaying anchor M12 (pack of 10)</b> , for masonry, reusable	079006
<b>Quick clamping set 160</b> for fastening the drilling stand with anchors, consisting of cord threaded bar 160 mm with M12 x 52 thread, quick clamping nut, washer.	079010
<b>Quick clamping set 500</b> for fastening the drilling stand without anchor, consisting of cord threaded bar 500 mm, 2 quick clamping nuts, 2 washers	183607
<b>Titan vacuum fastening</b> , consisting of cover plate with nipple for 3/8" screw connection and sealing ring for base plate.	183603
<b>Vacuum pump</b> , for vacuum ≤ -900 mbar (90%), consisting of dry running rotary slide pump, oil-free, performance 6 m <sup>3</sup> /h, condenser motor 230 V, 50-60 Hz, 250 W, splash water-protected, inside suction filter with silencer function and 5 m PVC fabric hose with bayonet coupling.	183670
<b>Laser drilling centre pointer</b>	183604
<b>Drilling start aid G 1/2 UDKB</b> , with bores for extracting the drilling dust from the bore hole by a suction rotor for dust extraction (Art. No. 180160 R), with carbide masonry drill Ø 8 mm	180140
<b>Carbide masonry drill Ø 8 mm</b> for drilling aid	079013
<b>Single open ended wrench size 41</b> for loosening the universal diamond core drilling crowns	079003
<b>Light loosening ring</b> , for light loosening of the diamond core crown	180015
<b>Drilling crown extension 200 mm</b>	180155
<b>Sharpening stone</b> for diamond core drilling crowns	079012
<b>Circular spirit level</b> , magnetic, for aligning the drill stand	182010
<b>Suction rotor for dust extraction</b> with G 1/2 male connecting thread, UNC 1 1/4 male connecting thread and with connection for REMS Pull 2 and other suitable extractors.	180160
<b>Water suction device</b> , for wet drilling up to Ø 170 mm, consisting of water collection ring with pressure ring, rubber washer Ø 200 mm and universal pressure pad for all REMS drilling stands.	183606
<b>Rubber washer Ø 200 mm (pack of 10)</b> , for water suction device	183675
<b>REMS Pull 2 L / M</b> , dry and wet extractor, certified as extractor and dust extractor for extracting health hazardous dusts in accordance with EN 60335-2-69, see page 322	



## REMS Universal diamond core drilling crowns

For REMS Picus S1, REMS Picus SR, REMS Picus S3, REMS Picus S2/3,5 and other makes

High quality universal diamond core drilling crowns. Inductively soldered. Universally usable for dry and wet drilling, hand held or with drill stand. Ideal for universal applications in steel-reinforced concrete, masonry and many types of material. For installation, metalwork, industry.

Concrete, steel-reinforced concrete, all kinds of masonry, natural stone, asphalt, all kinds of screed and other  $\varnothing$  32 – 300 mm

### REMS Universal diamond core drilling crowns – Inductively soldered. Diamond segments with conical cut for fast, easy and quiet drilling. Versatile for many types of material. Ideal for plumbers.

Universally usable for many materials, for dry and wet drilling, hand held or with drill stand.

Single connecting thread UNC 1¼ female. Drilling depth 420 mm.

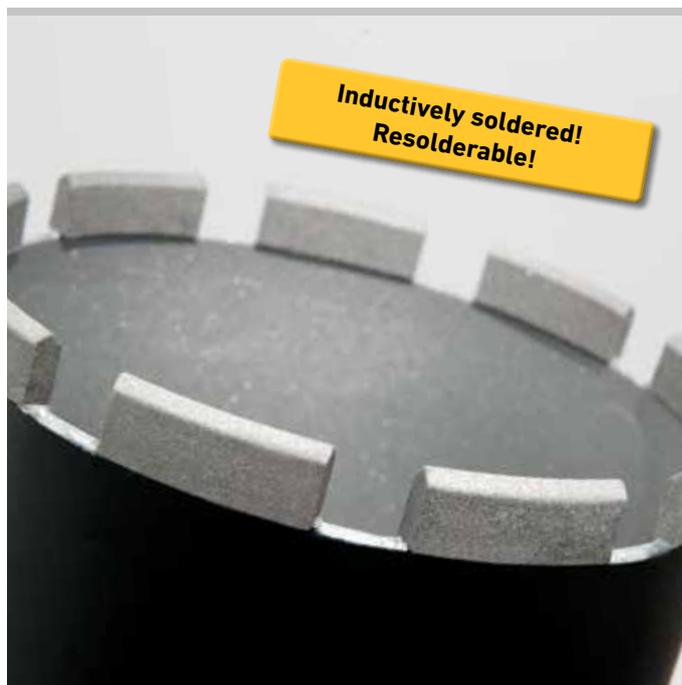
Specially developed, high quality diamond segments with high diamond percentage and special bonding, for excellent drilling performance and very long life. Ideal for universal applications in steel-reinforced concrete and masonry.

Diamond segments with conical cut ("roof shape") for fast, easy and quiet drilling. Inductively soldered on fully automatic soldering machines for constant high quality of the soldered connection. Drilling tubes with soldered diamond segments can be resoldered by simple hard soldering.

Light loosening ring, for light loosening of the diamond core crowns, as accessory.

Drive through all REMS Picus drive machines and suitable drive machines of other makes having connecting thread UNC 1¼ male. Adapter for using REMS Universal diamond core drilling crowns in drive machines having other connecting threads, as accessory.

Suck off dusts that occur during dry drilling with REMS Pull 2 M safety vacuum cleaner, certified for extracting health hazardous dusts of dust class M (page 322).



Info

# REMS Universal diamond core drilling crowns

For REMS Picus S1, REMS Picus SR, REMS Picus S3, REMS Picus S2/3,5 and other makes

## Supply format

**REMS Universal diamond core drilling crown.** Inductively soldered, resolderable. Universally usable for dry and wet drilling, hand held or with drill stand. For many materials, e.g. concrete, steel-reinforced concrete, all kinds of masonry, natural stone, asphalt, all kinds of screed. Connecting thread UNC 1 1/4 female. Drilling depth 420 mm. In a carton.

Ø × drilling depth × connection	Number of segments	Art.-No.
UDKB 32 × 420 × UNC 1 1/4	4	181010
UDKB 42 × 420 × UNC 1 1/4	4	181015
UDKB 52 × 420 × UNC 1 1/4	5	181020
UDKB 62 × 420 × UNC 1 1/4	6	181025
UDKB 72 × 420 × UNC 1 1/4	7	181030
UDKB 82 × 420 × UNC 1 1/4	7	181035
UDKB 92 × 420 × UNC 1 1/4	8	181040
UDKB 102 × 420 × UNC 1 1/4	8	181045
UDKB 112 × 420 × UNC 1 1/4	9	181050
UDKB 122 × 420 × UNC 1 1/4	10	181055
UDKB 127 × 420 × UNC 1 1/4	10	181059
UDKB 132 × 420 × UNC 1 1/4	11	181060
UDKB 152 × 420 × UNC 1 1/4	12	181065
UDKB 162 × 420 × UNC 1 1/4	12	181070
UDKB 182 × 420 × UNC 1 1/4	12	181075
UDKB 200 × 420 × UNC 1 1/4	12	181080
UDKB 225 × 420 × UNC 1 1/4	13	181085
UDKB 250 × 420 × UNC 1 1/4	14	181090
UDKB 300 × 420 × UNC 1 1/4	22	181095



## Accessories

Description	Art.-No.
Light loosening ring, for light loosening of the diamond core crown	180015
Drilling crown extension 200 mm	180155
Adapter UNC 1 1/4 male to G 1/2 male	180052
Adapter UNC 1 1/4 male to G 1/2 female	180056
Adapter UNC 1 1/4 male for Hilti BI, adapter for using the REMS universal diamond core drilling crowns in Hilti BI drive units.	180053
Adapter UNC 1 1/4 male for Hilti BU, adapter for using the REMS universal diamond core drilling crowns in Hilti BU drive units.	180054
Sharpening stone for diamond core drilling crowns	079012
Single open ended wrench size 41 for UDKB	079003

Additional adapters for using REMS Universal diamond core drilling crowns LS in drive machines of other makes, on request.



## REMS Universal diamond core drilling crowns LS

For REMS Picus S1, REMS Picus SR, REMS Picus S3, REMS Picus S2/3,5 and other makes

High quality universal diamond core drilling crowns. Laser welded. Universally usable for dry and wet drilling, hand held or with drill stand. Ideal for universal applications in steel-reinforced concrete, masonry and many types of material. For installation, metalwork, industry.

Concrete, steel-reinforced concrete, all kinds of masonry, natural stone, asphalt, all kinds of screed and other      Ø 32–200 mm

### REMS universal diamond core drilling crowns LS – laser welded. Diamond segments with conical cut for fast, easy and quiet drilling. Versatile for many types of material. Ideal for plumbers.

Universally usable for many materials, for dry and wet drilling, hand held or with drill stand.

Single connecting thread UNC 1¼ female. Drilling depth 420 mm.

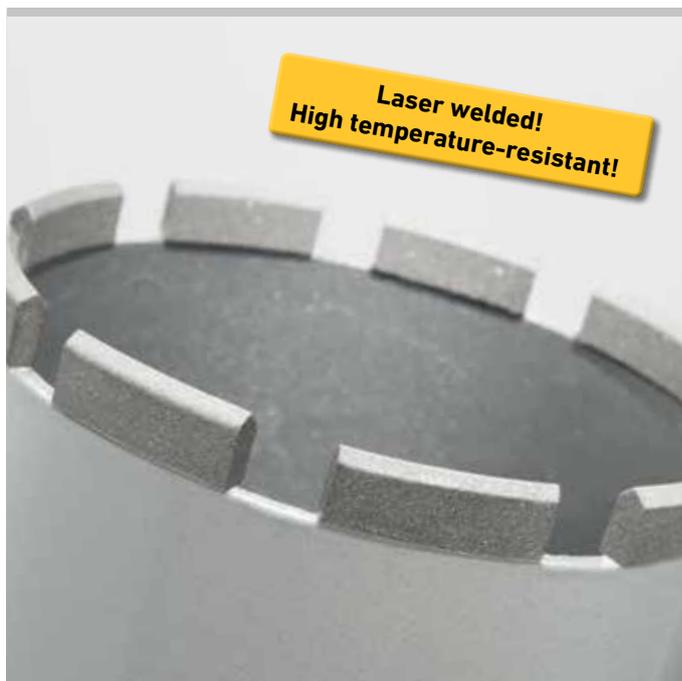
Specially developed, high quality diamond segments with high diamond percentage and special bonding, for excellent drilling performance and very long life. Ideal for universal applications in steel-reinforced concrete and masonry.

Diamond segments with conical cut ("roof shape") for fast, easy and quiet drilling. Inductively soldered on fully automatic soldering machines for constant high quality of the soldered connection. Drilling tubes with soldered diamond segments can be resoldered by simple hard soldering.

Light loosening ring, for light loosening of the diamond core crowns, as accessory.

Drive through all REMS Picus drive machines and suitable drive machines of other makes having connecting thread UNC 1¼ male. Adapter for using REMS Universal diamond core drilling crowns LS in drive machines having other connecting threads, as accessory.

Suck off dusts that occur during dry drilling with REMS Pull 2 M safety vacuum cleaner, certified for extracting health hazardous dusts of dust class M (page 322).



Info

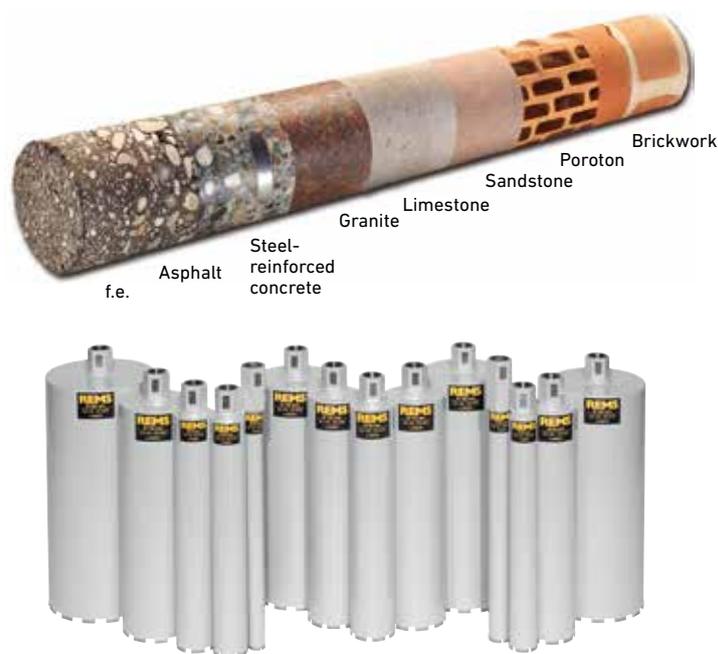
# REMS Universal diamond core drilling crowns LS

For REMS Picus S1, REMS Picus SR, REMS Picus S3, REMS Picus S2/3,5 and other makes

## Supply format

**REMS Universal diamond core drilling crown.** Laser welded! High temperature-resistant! Universally usable for dry and wet drilling, hand held or with drill stand. For many materials, e.g. concrete, steel-reinforced concrete, all kinds of masonry, natural stone, asphalt, all kinds of screed. Connecting thread UNC 1 ¼ female. Drilling depth 420 mm. In a carton.

Ø × drilling depth × connection	Number of segments	Art.-No.
UDKB LS 32 × 420 × UNC 1 ¼	1	181410
UDKB LS 42 × 420 × UNC 1 ¼	4	181415
UDKB LS 52 × 420 × UNC 1 ¼	5	181420
UDKB LS 62 × 420 × UNC 1 ¼	6	181425
UDKB LS 72 × 420 × UNC 1 ¼	6	181430
UDKB LS 82 × 420 × UNC 1 ¼	7	181435
UDKB LS 92 × 420 × UNC 1 ¼	8	181440
UDKB LS 102 × 420 × UNC 1 ¼	9	181445
UDKB LS 112 × 420 × UNC 1 ¼	9	181450
UDKB LS 122 × 420 × UNC 1 ¼	10	181455
UDKB LS 127 × 420 × UNC 1 ¼	10	181459
UDKB LS 132 × 420 × UNC 1 ¼	10	181460
UDKB LS 152 × 420 × UNC 1 ¼	11	181465
UDKB LS 162 × 420 × UNC 1 ¼	12	181470
UDKB LS 182 × 420 × UNC 1 ¼	13	181475
UDKB LS 200 × 420 × UNC 1 ¼	14	181480



## Accessories

Description	Art.-No.
<b>Light loosening ring</b> , for light loosening of the diamond core crown	180015
<b>Drilling crown extension 200 mm</b>	180155
<b>Adapter UNC 1 ¼ male to G ½ male</b>	180052
<b>Adapter UNC 1 ¼ male to G ½ female</b>	180056
<b>Adapter UNC 1 ¼ male for Hilti BI</b> , adapter for using the REMS universal diamond core drilling crowns in Hilti BI drive units.	180053
<b>Adapter UNC 1 ¼ male for Hilti BU</b> , adapter for using the REMS universal diamond core drilling crowns in Hilti BU drive units.	180054
<b>Sharpening stone</b> for diamond core drilling crowns	079012
<b>Single open ended wrench size 41</b> for UDKB	079003

Additional adapters for using REMS Universal diamond core drilling crowns LS in drive machines of other makes, on request.



# REMS Picus DP

Electric diamond core drilling machine  
with micro-pulse technology

Compact, handy power tool for core drilling, e.g. in concrete, steel-reinforced concrete, all kinds of masonry, natural stone, asphalt, all kinds of screed. With micro-pulse technology. Especially for dry drilling, hand held or with drill stand. For trade and industry.

Concrete, steel-reinforced concrete ≤ Ø 162 (202) mm

Masonry and other materials ≤ Ø 202 mm

REMS dry diamond core drilling crowns, also suitable for drive machines of other makes, see page 317.

## REMS Picus DP – with micro-pulse technology

**For core drilling without water. Clean, easy, fast, e.g. 200 mm in steel-reinforced concrete Ø 62 mm in only 5 min.**

### Especially for dry drilling

Drive machine with micro-pulse technology, specially developed for dry drilling, hand held or with drill stand. Can be used anywhere, in narrow angles, flush with the wall. Suitable for many, especially hard materials. For pipeline and cable ducting, ventilation channels, test core drilling. In combination with the REMS Pull 2 M vacuum cleaner, ideal for making core bores in finished rooms, e.g. in residential, office and industrial buildings.

### Design

Compact, handy drive machine for low-vibration core drilling, with drilling crown connecting thread UNC 1 ¼ male, BSPP ½ female. Compact drive unit for low-vibration core drilling, with drilling crown connecting thread UNC 1 ¼ outside, G ½ inside. Micro-pulse technology can be switched on and off: Pulse disc with 24 teeth generates 28,800 pulses min<sup>-1</sup> in idle mode at 1,200 min<sup>-1</sup>, under load at 880 min<sup>-1</sup> 21,120 pulses min<sup>-1</sup>. Robust, suitable for the building site. Extra light, only 7 kg. Simple, fast work without water, e.g. 200 mm in steel-reinforced concrete Ø 62 mm in only 5 min. Practical spade handle and stabiliser for hand held drilling. Integrated suction rotor for dust extraction with connection for REMS Pull 2 M and other suitable vacuum cleaners. Throat Ø 60 mm for holding the drive machine in the drill stand.

### Drive

Robust, powerful 2200 W universal motor. Load speed drilling spindle 8080 rpm. Stable, maintenance-free gear. Blocking protection by safety slip clutch. Tip switch with lock. Connecting cable with integrated personal protection switch (PRCD).

### Multifunction electronics

Multifunction electronics with start-up current limiting for soft starting for delicate drilling start, automatic idle speed limiting for noise reduction and preservation of the motor, overload and blocking protection for motor and gear.

### Dry diamond core drilling crowns LS

Especially for dry drilling with core drilling machines with micro-pulse technology, laser welded, high temperature-resistant (page 317), for drilling without water, hand held or with drill stand. Connecting thread UNC 1 ¼ female. Drilling depth 320 mm. Specially developed, high quality diamond segments with high diamond percentage and special bonding, for excellent drilling performance and very long life. Ideal for dry drilling in steel-reinforced concrete and masonry. Light loosening ring, for light loosening of the dry diamond core drilling crown, as accessory.

### Dust extraction in accordance with EN 60335-2-69

When working with mineral building materials, e.g. concrete, steel-reinforced concrete, masonry and screed, a high degree of mineral dust containing quartz is produced which is harmful to the health. Inhalation of quartz fine dust is harmful to the health. EN 60335-2-69 prescribes the use of at least one safety extractor of dust class M for the extraction of health hazardous dusts with an exposure limit/work place limit of > 0.1 mg/m<sup>3</sup>. Observe the national regulations.

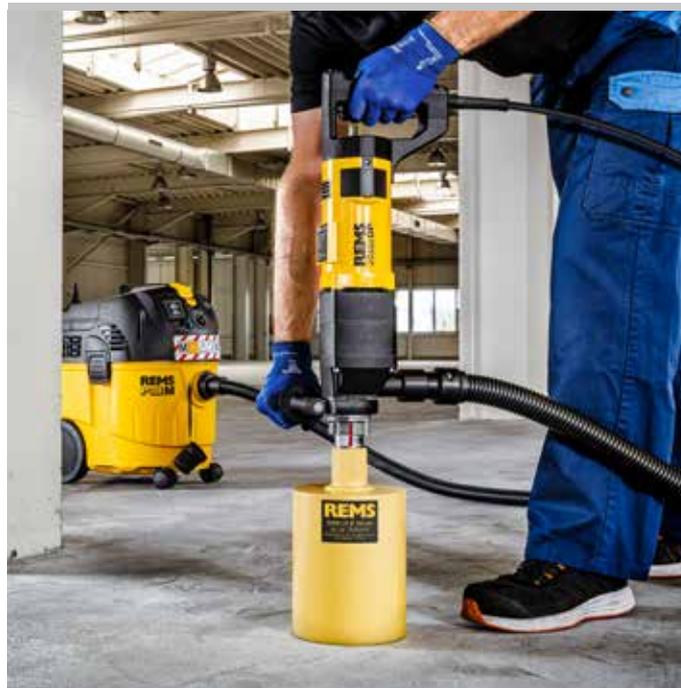
Use REMS Pull 2 M for high-performance extraction of drilling dusts from the drilling gap during dry drilling (page 322). The REMS Pull 2 M safety vacuum cleaner is certified for extracting health hazardous dusts of dust class M.

### Drilling start aid

Drilling start aid G ½ TDKB, with bores for extracting the drilling dust from the bore hole, with carbide masonry drill Ø 8 mm.

### Drill stand

REMS Simplex 2 or REMS Titan drill stands can be used optionally (page 316).



German Quality Product



Info



REMS Simplex 2



REMS Titan



REMS Picus DP Basic-Pack



REMS Picus DP Set Simplex 2



REMS Picus DP Set Titan



REMS Picus DP/Pull 2 M Set-Pack

### Supply format

**REMS Picus DP Basic-Pack.** Electric diamond core drilling machine with micro-pulse technology for core drilling without water in concrete, steel-reinforced concrete  $\leq \varnothing 162$  (202) mm, masonry and other materials  $\leq \varnothing 202$  mm, hand held or with drill stand. Drive unit with drilling crown male connection thread UNC 1 1/4, female connection thread G 1/2, maintenance-free gear with safety slip clutch, 110 V / 230 V, 50–60 Hz, 2200 W universal motor, integrated dust extraction. Multifunction electronics with soft starting, idle speed limiting, overload protection, blocking protection. Touch switch with lock. Load speed drilling spindle 880 rpm. Stabiliser. Drill start aid G 1/2 TDKB with  $\varnothing 8$  mm drill, size 3 Allen key. Size 32 opened ended wrench. In sturdy steel case.

	Art.-No.	
	180016	

Other voltages on request.

### Supply format

**REMS Picus DP Set Simplex 2.** REMS Picus DP Basic-Pack with REMS Simplex 2 drilling stand including tools and fastening kit for masonry and concrete.

	Art.-No.	
	180033	

Other voltages on request.

### Supply format

**REMS Picus DP Set Titan.** REMS Picus DP Basic-Pack with REMS Titan drilling stand including tools and fastening kit for masonry and concrete.

	Art.-No.	
	180035	

Other voltages on request.

### Supply format

**REMS Picus DP/Pull 2 M Set-Pack.** REMS Picus DP Basic-Pack, Art.-No. 180016 R110G, and REMS Pull 2 M Set, Art.-No. 185601 R220G.

	Art.-No.	
	180036	

Other voltages on request.

### Accessories

Description	Art.-No.	
<b>REMS Picus DP drive unit</b>	180003	
<b>Steel case with inlay</b>	180600	
<b>REMS dry diamond core drilling crowns LS,</b> laser welded, high temperature-resistant, see page 317.		
<b>REMS Pull 2 M,</b> dry and wet extractor, see page 322		
Additional accessories see page 316.		



Description	Art.-No.
<b>REMS Simplex 2.</b> Robust, handy drilling stand for core drilling up to Ø 202 mm. Description see page 308.	183700
<b>REMS Titan.</b> Robust, highly stable drilling stand for core drilling in steel-reinforced concrete and other materials up to Ø 300 mm. For high demands. Description see page 308.	183600
<b>Titan drilling template</b> for easy setting of the fastening holes. For REMS Titan drilling stand.	183605
<b>Carbide masonry drills Ø 15 mm SDS-plus</b> for hammer anchors M12	079018
<b>Hammer anchor M12 (pack of 50)</b> , for concrete	079005
<b>Setting iron for hammer anchor M12</b>	182050
<b>Carbide masonry drill Ø 20 mm SDS-plus</b> for splaying anchors M12	079019
<b>Splaying anchor M12 (pack of 10)</b> , for masonry, reusable	079006
<b>Quick clamping set 160</b> for fastening the drilling stand with anchors, consisting of cord threaded bar 160 mm with M12 × 52 thread, quick clamping nut, washer.	079010
<b>Quick clamping set 500</b> for fastening the drilling stand without anchor, consisting of cord threaded bar 500 mm, 2 quick clamping nuts, 2 washers	183607
<b>Titan vacuum fastening</b> , consisting of cover plate with nipple for 3/8" screw connection and sealing ring for base plate.	183603
<b>Vacuum pump</b> , for vacuum ≤ -900 mbar (90%), consisting of dry running rotary slide pump, oil-free, performance 6 m <sup>3</sup> /h, condenser motor 230 V, 50–60 Hz, 250 W, splash water-protected, inside suction filter with silencer function and 5 m PVC fabric hose with bayonet coupling.	183670
<b>Laser drilling centre pointer</b>	183604
<b>Drilling start aid G 1/2 TDKB</b> , with bores for extracting the drilling dust from the bore hole, with carbide masonry drill Ø 8 mm	180145
<b>Carbide masonry drill Ø 8 mm</b> for drilling aid	079013
<b>Single open ended wrench size 41</b> for loosening the universal diamond core drilling crowns	079003
<b>Light loosening ring</b> , for light loosening of the diamond core crown	180015
<b>Drilling crown extension 200 mm</b>	180155
<b>Sharpening stone</b> for diamond core drilling crowns	079012
<b>Circular spirit level</b> , magnetic, for aligning the drill stand	182010
<b>REMS Pull 2 M</b> , dry and wet extractor, certified as extractor and dust extractor for extracting health hazardous dusts in accordance with EN 60335-2-69, see page 322	



## REMS dry diamond core drilling crowns LS

For REMS Picus DP and other suitable makes

High quality dry diamond core drilling crowns. Laser welded. Especially for dry drilling with core drilling machines with micro-pulse technology, e.g. REMS Picus DP, hand held or with drill stand. Ideal for universal applications in steel-reinforced concrete, masonry and many types of material.

Concrete, steel-reinforced concrete, aggregate concrete, brick, clinker, all kinds of masonry, natural stone, asphalt, all kinds of screed and other  $\varnothing$  32 – 202 mm

### REMS dry diamond core drilling crowns LS – Laser welded, high temperature-resistant. Especially for dry drilling with core drilling machines with micro-pulse technology. Versatile for many types of material. Ideal for plumbers.

Universally usable for many materials, hand held or with drill stand.

Single connecting thread UNC 1 1/4 female. Drilling depth 320 mm.

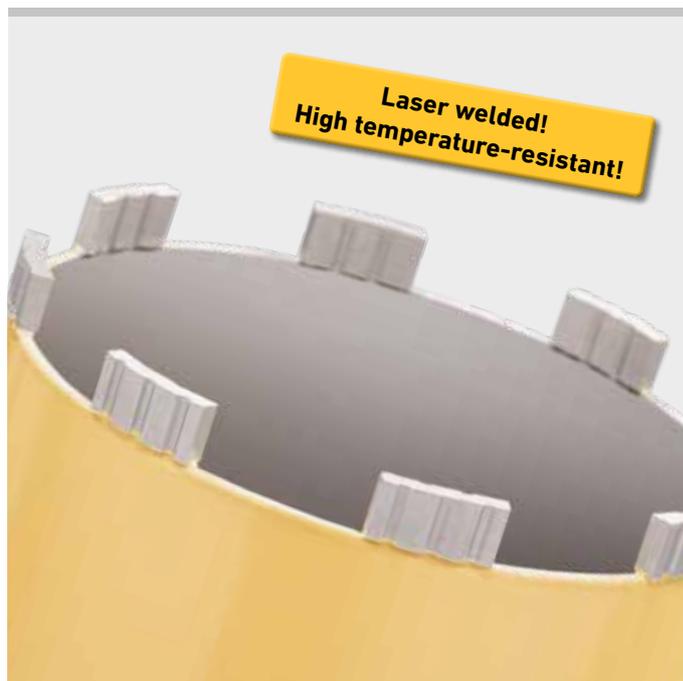
Specially developed, high quality diamond segments with high diamond percentage and special bonding, for excellent drilling performance and very long life. Ideal for universal applications in steel-reinforced concrete and masonry.

Diamond segments with diamonds positioned in the bonding agent. For fast, easy and quiet drilling. Inductively soldered on fully automatic soldering machines for constant high quality of the soldered connection. Drilling tubes with soldered diamond segments can be resoldered by simple hard soldering.

Light loosening ring, for light loosening of the diamond core crowns, as accessory.

Driven by a REMS Picus DP drive unit and suitable drive units of other makes with UNC 1 1/4 outer connecting thread.

Use REMS Pull 2 M for high-performance extraction of drilling dusts from the drilling gap during dry drilling (page 322). The REMS Pull 2 M safety vacuum cleaner is certified for extracting health hazardous dusts of dust class M.



### Supply format

**REMS dry diamond core drilling crowns LS.** Laser welded, high temperature-resistant. Especially for dry drilling with core drilling machines with micro-pulse technology, e.g. REMS Picus DP, hand held or with drill stand. For many materials, e.g. concrete, steel-reinforced concrete, all kinds of masonry, natural stone, asphalt, all kinds of screed. Connecting thread UNC 1 1/4 female. Drilling depth 320 mm. In a carton.

$\varnothing$ × drilling depth × connection	Number of segments	Art.-No.
TDKB LS 32 × 320 × UNC 1 1/4	3	181500
TDKB LS 42 × 320 × UNC 1 1/4	4	181502
TDKB LS 52 × 320 × UNC 1 1/4	5	181504
TDKB LS 62 × 320 × UNC 1 1/4	5	181506
TDKB LS 72 × 320 × UNC 1 1/4	6	181508
TDKB LS 82 × 320 × UNC 1 1/4	6	181510
TDKB LS 92 × 320 × UNC 1 1/4	6	181512
TDKB LS 102 × 320 × UNC 1 1/4	7	181514
TDKB LS 112 × 320 × UNC 1 1/4	7	181516
TDKB LS 122 × 320 × UNC 1 1/4	8	181532
TDKB LS 127 × 320 × UNC 1 1/4	8	181518
TDKB LS 132 × 320 × UNC 1 1/4	8	181520
TDKB LS 142 × 320 × UNC 1 1/4	8	181522
TDKB LS 152 × 320 × UNC 1 1/4	8	181524
TDKB LS 162 × 320 × UNC 1 1/4	9	181526
TDKB LS 182 × 320 × UNC 1 1/4	9	181528
TDKB LS 202 × 320 × UNC 1 1/4	10	181530



### Accessories

Description	Art.-No.
<b>Light loosening ring</b> , for light loosening of the diamond core crown	180015
<b>Drilling crown extension 200 mm</b>	180155
<b>Sharpening stone</b> for diamond core drilling crowns	079012
<b>Single open ended wrench size 41</b> for UDKB	079003

Additional adapters for using REMS dry diamond core drilling crowns LS in drive machines of other makes, on request.

