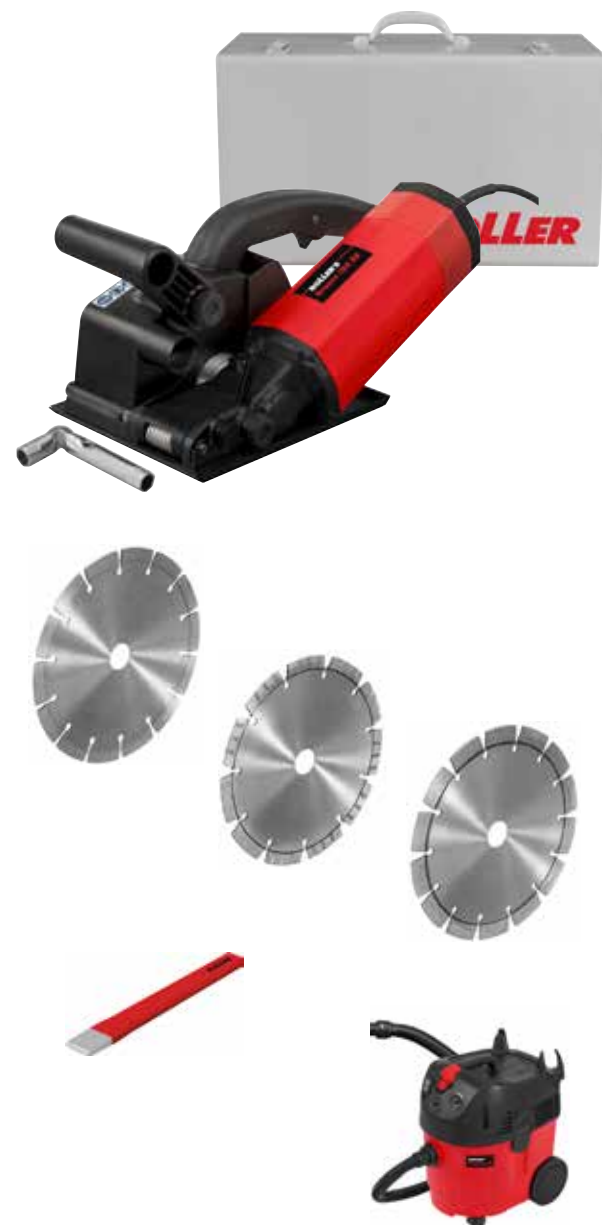


# ROLLER'S Groove 180



**Powerful, compact, handy diamond chasing and cutting grinder for dry chasing and cutting of mineral materials, e.g. concrete, steel-reinforced concrete, all types of masonry, natural stone, etc. For a chase depth up to 63 mm and a chase width up to 61 mm.**

- Ideal for producing chases/grooves for laying pipes and electric cables in heating, sanitary and electrical installation, air-conditioning and cooling technology.
- Powerful drive unit for dust-free, safe and easy cutting and chasing of concrete, steel-reinforced concrete, masonry etc. Extremely fast chasing in masonry 63 mm deep, 500 mm long, in only 34 s.
- For driving 1, 2 or 3 diamond cutting disks according to EN 13236 Ø 180 mm. Chase width ≤ 43 mm, stepped with spacer discs 3, 6, 10, 20 mm.
- Straight, reliable cutting start by fully contacting slides.
- Movable diamond cutting discs for dust-free engagement at the start of the chasing/cutting process.
- Compact design, comfortable weight, drive unit only 5.8 kg.
- Practical switch handle with triple force-transmitting leverage for easy plunge-in and effective feeding. Swivel handle, for optimum working position and ergonomic work.
- Continuously adjustable depth stop.
- Locking of the drive shaft for easy changing of the universal diamond cutting disks.
- Strong, maintenance-free gear with safety slip clutch. Load speed of the drive shaft 5,000 rpm.
- Robust, powerful universal motor 2000 W, with multifunctional electronics with startup current limiting for soft startup, automatic idle speed limiting, overload protection and blocking protection. Safety switch with lock.
- Universal diamond cutting disks, universally usable, metal body according to EN 13236 with locating bore Ø 22, 23 mm, high quality diamond segments with special bonding for fast chasing/cutting and very long service life.  
Optionally:  
**ROLLER'S universal diamond cutting disc ECO**, sintered, high temperature resistant, or  
**ROLLER'S universal diamond cutting disc LS-Turbo**, laser welded, high temperature resistant, for fast cuts and cuts in very hard materials, or  
**ROLLER'S universal diamond cutting disc LS-HP High Performance**, laser welded, high temperature resistant, for fast cuts and cuts in very hard materials, very long service life.
- **Dust extraction of dust class M in accordance with EN 60335-2-69**  
When working with building materials, e.g. concrete, steel-reinforced concrete, masonry, screed containing quartz, a high degree of fine mineral dust containing quartz is produced which is harmful to 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> in accordance with EN 60335-2-69. Observe the national regulations.
- ROLLER'S Protector M, dry and wet extractor, certified for the extraction of health hazardous dusts of dust class M, see page 119.

## Scope of Delivery

Art.-No.

### ROLLER'S Groove 180 Basic-Pack

Drive unit with multifunctional electronics, suction nozzle for connecting a dust extractor, 3, 6, 10, 20 mm spacer discs, depth stop, size 13 wrench, without cutting disc, in steel case

185011

## Accessories

ROLLER'S Groove 180 drive unit 185001

ROLLER'S universal diamond cutting disc ECO  
Ø 180 mm, sintered, high temperature resistant  
in accordance with EN 13236 185025

ROLLER'S universal diamond cutting disc LS Turbo  
Ø 180 mm, laser welded, high temperature resistant,  
for fast cuts and cuts in very hard materials,  
with metal body in accordance with EN 13236. 185026

ROLLER'S universal diamond cutting disc LS H-P  
Ø 180 mm, high-performance, laser welded,  
high temperature resistant, for fast cuts and cuts  
in very hard materials, long service life,  
with metal body in accordance with EN 13236 185027

Chasing chisel  
for removing the ridge after chasing 185024

Steel case with inlay 185058

ROLLER'S Protector L / M, dry and wet extractor See page 119