

ROLLER'S Groove 180 SR



German Top Quality

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 61 mm and a chase width up to 62 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. 7 spacer discs in various thicknesses, according to desired chase width with the cutting discs screwed together on a stable block, secure a constant chase width.
- Full contact support plate during the entire chasing/cutting process for guided plunge-in of the diamond cutting discs, dust-free, safe working and easy, even feed.
- Compact design, comfortable weight, drive unit only 8.0 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. Load speed of the drive shaft 3,300 rpm.
- Robust, powerful universal motor 2000 W, overheating protection by temperature monitoring of the motor by PTC resistor (Positive Temperature Coefficient). Safety inching switch with lock. Restart protection in case of mains failure. Connecting cable 5.7 m.
- **Speed Regulation**
The electronic speed control that is being used keeps the speed constant, also under load. The cutting disc speed is kept at the nominal value until it encounters resistance and falls below a critical value. The drive motor stops. If the drive unit is unloaded again, the set rotation speed is reached again so that working at the set rotation speed can continue immediately (**Patent EP 2 085 191**). Advantage: The chasing and cutting speed (load speed) is maintained during the entire chasing and cutting process for a high chasing and cutting performance.
- Multifunction electronics with start-up current limiting for soft starting for delicate engagement of the diamond cutting discs, automatic idle speed limiting for noise reduction and preservation of the motor, overload and blocking protection for motor and gear.
- 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 (accessory).
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**
ROLLER'S Protector 2 M, dry and wet extractor, certified for the extraction of health hazardous dusts of dust class M, see page 207.

ROLLER'S Groove 180 SR Basic-Pack

Drive unit with speed regulation, 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 A220 **1.235,22***Accessories***ROLLER'S Groove 180 SR drive unit**

185001 A220 1.183,32

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 A 58,65

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 A 93,84

Chasing chisel

for removing the ridge after chasing

185024 A 25,22

Steel case with inlay

185058 A 110,03

ROLLER'S Protector 2 M, dry and wet extractor

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