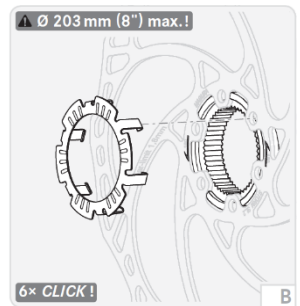
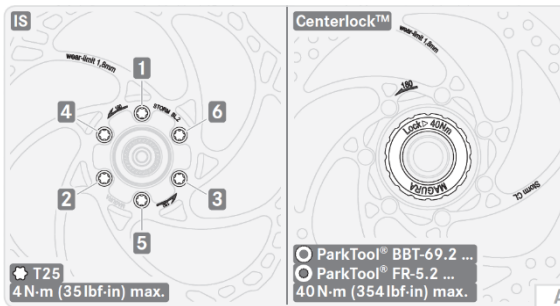


MAGURA

STORM · MDR

INSTALLATION INSTRUCTIONS



| Disc brake rotors 1 | STORM HC, MDR-C, MDR-P, STORM CL | | | | | | STORM SL.2 | |
|---------------------|----------------------------------|-----------|-----|--|-----------|-----------|---|-----------|
| | mm | 140 | 160 | 180 | 203 | 220 | 160 | 180 |
| ∅1 | inch | 5.5" | 6" | 7" | 8" | 8.5" | 6" | 7" |
| Total weight max. 2 | kg (lb) | 150 (331) | | 180 (397) | 205 (452) | 210 (463) | 105 (231) | 130 (287) |
| Applications | | | | <ul style="list-style-type: none"> · S-Pedelec · Pedelec · Lastenbike · Tandem · Downhill · Enduro · Marathon · XC Race · XC · AllMountain · Trekking · City | | | <ul style="list-style-type: none"> · Marathon · XC Race · XC · AllMountain · Trekking · City | |

1 Type name, ∅, direction arrows and wear limit – see disc brake rotor [A][B].
 Not every type of disc brake rotor is available in every diameter listed here!

2 Maximum approved total weight = rider + bicycle + luggage + trailer (unbraked).

3 Only with wheels up to max. 20" (ETRTO 406) (e.g. kid's bike, BMX, scooter, trailer)!

PREFACE

Please read the mounting instruction carefully before you install or use your original MAGURA part. Remember that the mechanic who installs your MAGURA part is responsible for the suitability and compatibility of all the components technically linked to your MAGURA part. Follow the MAGURA Owner's manual for your disc brake – www.magura.com

⚠ WARNING ... warns you about a dangerous situation which can lead to serious or fatal injury if not avoided.

⚠ CAUTION ... warns you about a dangerous situation which can lead to minor or slight injury if not avoided.

NOTICE ... warns you about the risk of material damage.

BASIC SAFETY INSTRUCTIONS

⚠ WARNING Danger of accident due to faulty or non-approved installation work.

- Do not overestimate your technical skills. Commission a specialist workshop for bicycles or a MAGURA service center with all installation work.
- Never make changes to your MAGURA part.
- Always observe all specified min./max. values.
- Always use a suitable torque wrench.

INTENDED USE

⚠ WARNING Any use other than the intended use can lead to accidents that cause serious or fatal injury.

MAGURA disc brake rotors are designed and intended only

- for combination with MAGURA disc brakes and MAGURA brake pads.
- for use with wheels with hubs that have the corresponding mounts for the disc brake rotor (6-hole (IS), Centerlock™ (if required with MAGURA Centerlock adapter*), BionX®, Rohloff®).
- for the specified application.
- for the approved total weight.

STORM HC Disc brake rotors with ∅ 140 mm must only be used with wheels with max. 20" (ETRTO 406) (e.g. kid's bike, BMX, scooter, trailer)!

* **MDR-P** Brake discs must not be used in combination with the MAGURA Centerlock Adapter or any other centerlock adapter system!

Download the complete manual on www.magura.com
 Specifications are subject to change without prior notice!

2600571 — 08.2019 ©MAGURA 2019 All rights reserved

Ⓛ Check out our worldwide partners and service centers at www.magura.com

INSTALLING DISC BRAKE ROTOR

⚠ WARNING Danger of accident due to brake failure or sudden brake lock-up due to excessive load.

- STORM SL.2** Never mount disc brake rotors on S-Pedelecs, Pedelecs, Cargo bikes or Tandems.
- MDR-P** Never use brake discs in combination with the MAGURA Centerlock Adapter or any other centerlock adapter system.
- Use the MAGURA Centerlock Adapter exclusively with disc brake rotors to maximum ∅ 203 mm.
- ⚠ CAUTION** Danger of injury on sharp-edged or hot disc brake rotor.
 - Install the quick release skewer of the front wheel on the right.
 - Always keep away from rotating disc brake rotor.
 - Always keep away from hot disc brake rotor after braking.

NOTICE Loss of insurance protection with S-Pedelecs (E-bikes up to 45 km/h) that require insurance.

- Use only original MAGURA brake pads and disc brake rotors which have the ECE or KBA test certifications for vehicle components subject to approval.
- Never change the size of the disc brake rotors.
- Always carry along the ABE (Vehicle Type Approval) - www.magura.com
- Clip on Magura Centerlock Adapter if required. [B]
- Place disc brake rotor on the axle flange or fit on the Centerlock™-flange.
- The direction arrows point in the direction of forward movement. [A][B]
- Make sure that retaining screws (not lock ring!) are coated with fresh screwlock (medium strength).
- Screw in retaining screws 2–3 threads.
- Turn disc brake rotor against the direction of movement to the stop.
- Tighten retaining screws crosswise with tightening torque of **4 N·m (35 lbf·in)**. [A]
- Tighten lock ring with tightening torque of **40 N·m (354 lbf·in)**.
- Thoroughly degrease the disc brake rotor using brake cleaner or spirits.
- Always use new brake pads if a new disc brake rotor is installed.

⚠ WARNING Danger of accident – brake failure.

- Never use brake pads contaminated with oil or grease - not even after attempting to clean them.
- New brake pads and disc brake rotors develop their optimal braking force during the bedding-in phase.
 - Accelerate on the flat to 30 km/h (20 mph).
 - Use 1 brake to come to a stop.
 - Repeat the procedure at least 30 times for each brake.

MAGURA GROUP GERMANY www.magura.com
 MAGURA ASIA LIMITED CO. www.magura.com.tw



MAGURA