### Task:

- **Application field:** Building Materials
- **Material:** Clinker Portland Cement
- **Feed size:** 2-20 mm
- **Feed quantity:** 500 g (per batch)
- **Material specification(s):** hard brittle, abrasive
- **Customer requirement(s):**
  - < 1 - 2 mm
  - no additional information
- **Subsequent analysis:** Not defined

### Solution:

- **Selected instrument(s):** DM 200 Laboratory Disc Mill
- **Configuration(s):** Grinding discs DM 200 of hardened steel
- **Parameter(s):** Gap size DM 200 = 1.5 mm
- **Time:** 3 min. (batch)
- **Achieved result(s):** 80 % < 1 mm (Disc Mill DM 200)
- **Remark(s):** Clinker with particle sizes bigger than 15 mm should preferably be prepared in our Disc Mill DM 200.
- **Recommendation:** For sample preparation of cement clinker the Disc Mill DM 200 is suitable under the above mentioned conditions.