### Task:

**Application field:** Mineralogy / Metallurgy

**Material:** Tungsten carbide pellets, green body

**Feed size:** 30-60 mm

**Feed quantity:** 10 kg (per batch)

**Material specification(s):** medium-hard

**Customer requirement(s):** < 1 - 2 mm for recycling procedure

**Subsequent analysis:**

### Solution:

**Selected instrument(s):** SM 100 Cutting Mill

**Configuration(s):** Standard hopper; Bottom sieves of stainless steel, square holes 4 mm; Ring-type filter with trapezoid hole body for collecting receptacle 5 l

**Parameter(s):** approx. 1500 rpm

**Time:** ca. 5 min. (per batch)

**Achieved result(s):** < 1 mm

**Remark(s):**

**Recommendation:** For disintegration of medium hard materials the Cutting Mill SM 100 is suitable only under laboratory conditions.