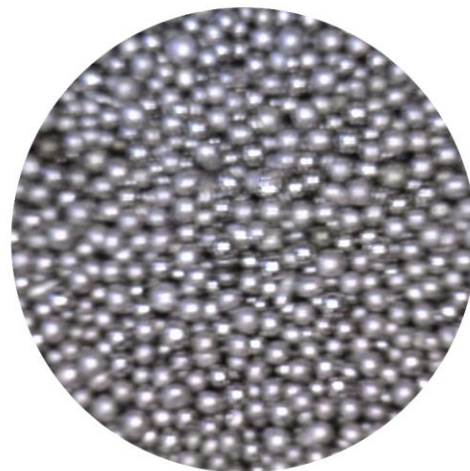


## SSB05

Stainless steel grinding media provided by Next Advance, Inc. is ideal for the homogenization of biological samples. Due to the higher density of the material, it is suitable for the homogenization of tougher samples, such as heart tissue or small insects. Available as RNase-free or non-sterile.

RNase-free stainless-steel beads (SSB05-RNA) undergo a special cleaning process. They are guaranteed and certified to be RNase-free.



### Uses

- Homogenize tissue to release protein, DNA, RNA or other molecules of interest.

### Caution

- Naturally, stainless steel beads will rust when in contact with aqueous media.
- If kept for long periods of time (>30 minutes) in reagents such as Trizol, discoloration of solution may occur.

### Properties

Description	Property
Shape & Appearance	Spherical with a bright metallic appearance.
Composition	16-20% Chromium, 6-10% Nickle, <3% Silicon, <2% Manganese
Microstructure	Austenitic. Magnetic may properties vary between lots.
Specific Density	Greater than 7 g/cm <sup>3</sup>
Diameter	0.5 mm ± 0.075 mm