### Shimano DEORE Cassette Sprocket

**CS-HG50-9**  9-Speed / ar-Group

#### Item No. | Shimano Code No. | Description | Interchange-Availability
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1 | Y-10B 01100 | Lock Ring | B
2 | Y-10R 11001 | Sprocket Wheel 11T (Built in spacer type) | A
3 | Y-10R 12001 | Sprocket Wheel 12T (Built in spacer type) | A
4 | Y-120 09190 | Lock Ring Removal Tool (TL-HG16) | A

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The table indicates the adaptability of conventional parts to CS-HG50-9 (ar).

- **A**: Same parts.
- **B**: Parts are usable, but differ in materials, appearance, finish, size, etc.
- Absence of mark indicates non-interchangeability.

Specifications are subject to change without notice.

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*ar-group sprocket teeth combination: 11 – 12 – 14 – 16 – 18 – 21 – 24 – 28 – 32T*