



High-Energy Charpy V-Notch Specimens (21 °C, 8 mm Striker)

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www.WorldofTest.com



High-Energy Charpy V-Notch Specimens SRM should be impact tested (broken) consecutively within the same time frame (i.e., not on separate days) at $21\text{ }^{\circ}\text{C} \pm 3\text{ }^{\circ}\text{C}$. After testing, a completed questionnaire and digital pictures of the broken samples must be emailed for evaluation.

An acceptable machine will produce an average value within **1.4 J or 5% of the certified energy value**, whichever is greater.

Unit of Issue: Set

SKU: 2563

Unit Description: Each unit includes Charpy V-notch specimens required for one indirect verification. The specimens are made from 4340 alloy steel.

- **Validity:** Indefinite

Safety Information

These SRMs are designed for the indirect verification of Charpy testing machines, compliant with the **current ASTM E23 Standard and ISO 148-2 Standard**.

- **Testing Temperature:** SRM 2563 must be tested at **$21\text{ }^{\circ}\text{C} \pm 3\text{ }^{\circ}\text{C}$** .
- **Post-Test Services:** Includes a post-test evaluation service and proficiency test data.
- **Specimen Quantity:** Each unit contains **5 to 7 specimens**. The exact number depends on statistical variability determined during lot certification at the **Charpy Laboratory**.

The statistical parameter n_{SS} specifies the number of tests required to ensure the average absorbed energy is statistically comparable to the certified absorbed energy.



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