

# YC-Charpy V-Notch Test Blocks

Satisfies

JIS B 7740 & ISO

Charpy V Reference Test Pieces  
for Verifying Testing Machines

- Highly Uniform Energy in a Lot  
CV is less than 3% (Approx.)
- Material SNCM439 Q.T.(AISI 4340)
- NK Certificate attached



Type A 30J (Approx.)  
Type B 100J (Approx.)  
Type C 160J (Approx.)

Five pcs. for each types



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# YC-Charpy V-Notch Test Blocks

(Charpy V Reference Test Pieces for Verifying Testing Machines)

- **Characteristics** To Minimize Fluctuation
  1. Adopting Highly Purified Steel (AISI 4340)
  2. Accurately Controlled Manufacturing Process
  3. Heat-treated faithfully in the basis
- **Specification** Conformed to JIS B 7740 and ISO
- **Line-up** Absorbed Energy at 0 °C
  - Type A 30 J (Approx.) 5 pcs./ set
  - Type B 100 J (Approx.) 5 pcs./ set
  - Type C 160 J (Approx.) 5 pcs./ set
- **Material** SNCM439 (AISI4340) Q.T.
- **Reference Value** Certified by NK(Nippon Kaiji Kyokai)

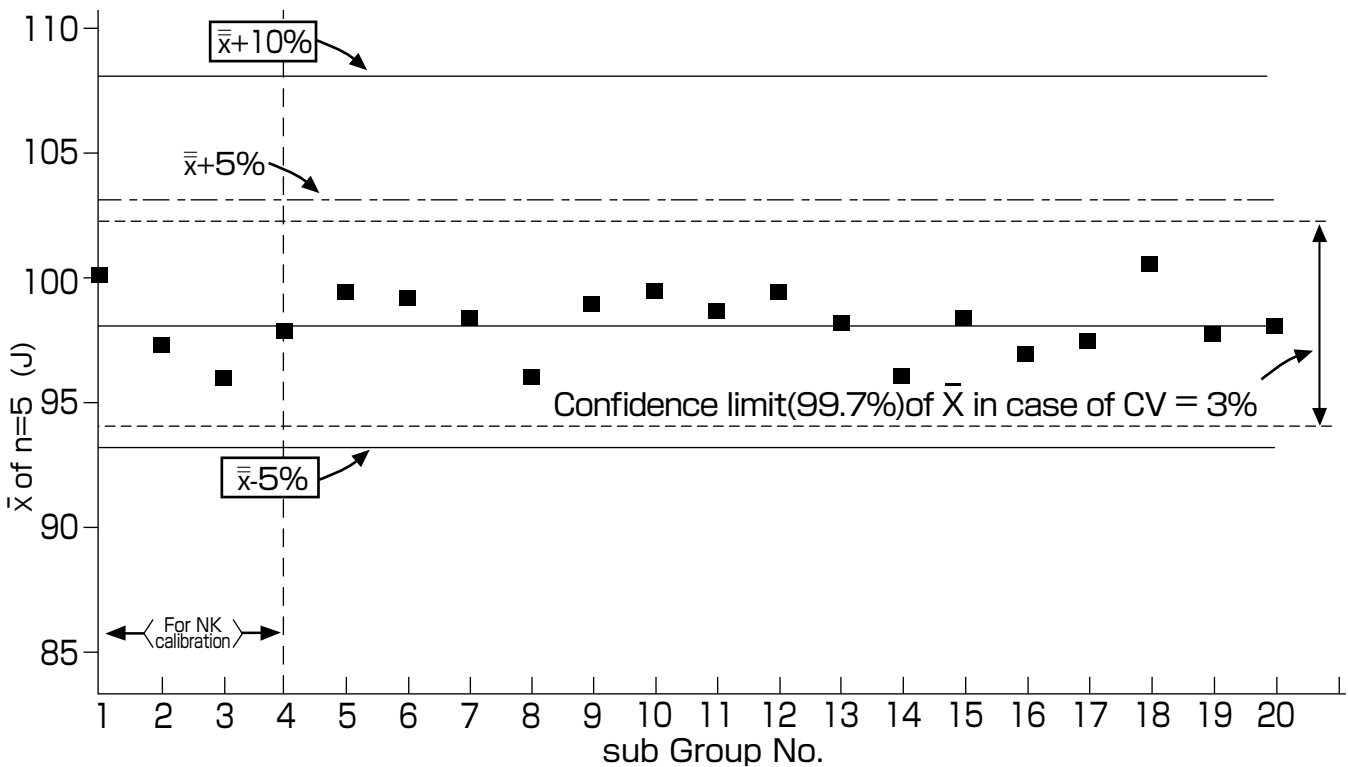


Fig.1 JIS limit and variation of  $\bar{x}(n=5)$  in case of 100 TP / lot Jul. 1992 YSTL

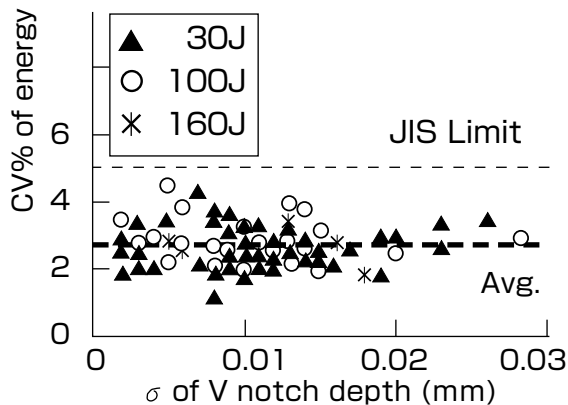


Fig.2 Uniformity of V-notch depth and of energy(CV%) Sept. 1995 YSTL

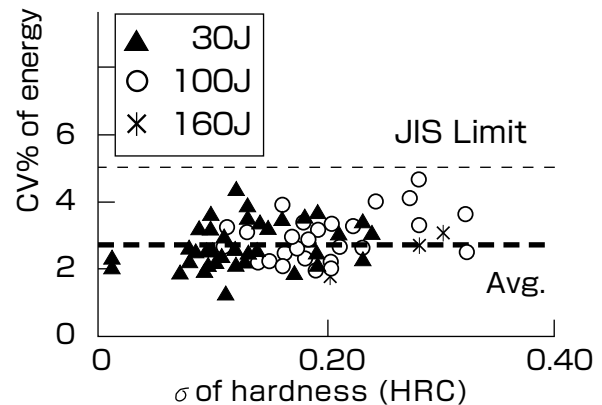


Fig.3 Uniformity of hardness and of energy(CV%) Sept. 1995 YSTL



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