

# PUNCH

## Breaking tool.

Spring-loaded punch with tip in hard metal alloy with radius of curvature 0,2 mm  
For fragmentation test according to :

- EN - 12150 - 1 Thermally toughened soda lime silicate safety glass
- EN - 1863 - 1 Heat strengthened soda lime silicate glass
- EN - 12337 - 1 Chemically strengthened soda lime silicate glass
- EN - 13024 - 1 Thermally toughened borosilicate safety glass
- EN - 14321 - 1 Thermally toughened alkaline earth silicate safety glass
- EN - 14179 - 1 Heat soaked thermally toughened soda lime silicate safety glass
- ECE - R 43 Automotive safety glazing in Europe
- ANSI - Z 26.1 Automotive safety glazing materials in USA
- ANSI - Z 97.1 Architectural safety glazing materials in USA

