



Choosing The Right Alloy

Part Two of the
Mechanical Properties Series

A. Elongation

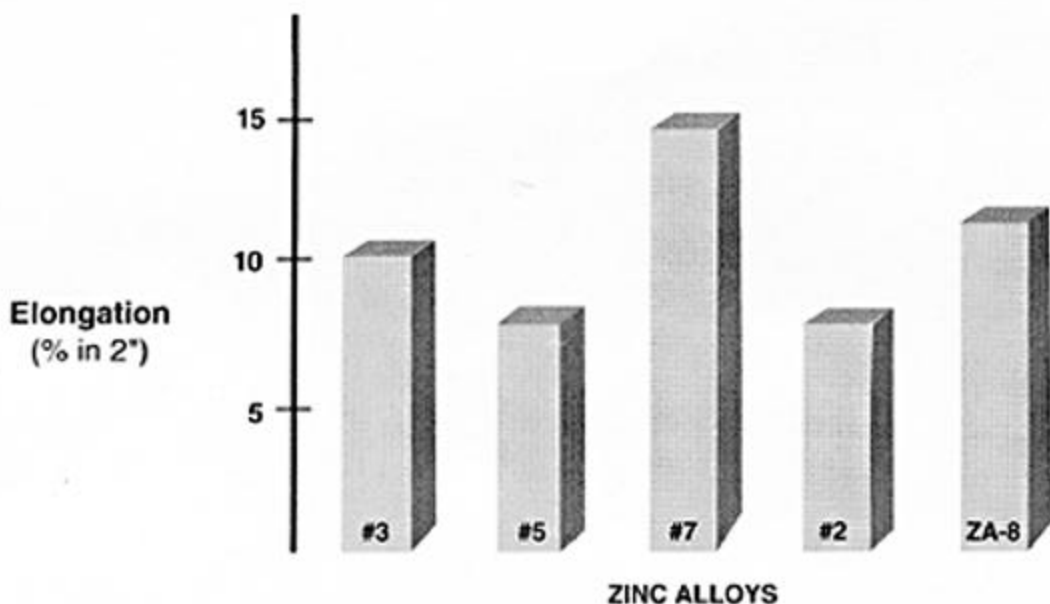
1. Definition
"The ability to be lengthened or fashioned into a new form."
2. Illustration
Range of elongation available in zinc alloys.

B. Other Materials Elongation in

Relationship to Zinc Alloys: (% in 2")

1. Aluminum (A380)* is 6.5 < ZAMAK #3.
2. Copper alloys (858)* is 3 > ZAMAK #7.
3. Magnesium (4)* is 4 < ZAMAK #5.

(*) A.D.C.I. (*) Commercial Designation



Source: Eastern Alloy, Inc.

Questions? Give us a call. We always welcome an opportunity to supply the answers.