

# Rasselstein - Your Quality Partner.

Solutions for each application.



High Formability

High Strength

**High Strength and Formability**

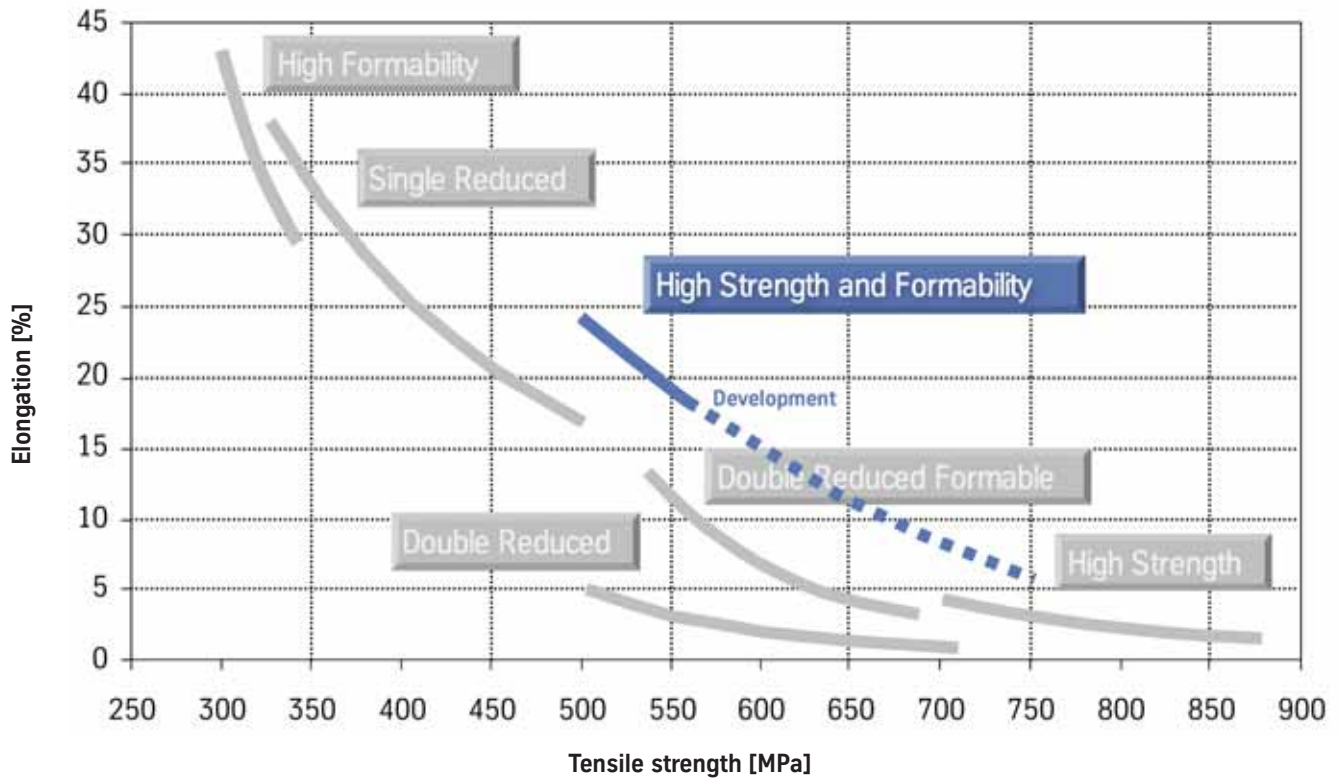
Double Reduced Formable

**Rasselstein**



**ThyssenKrupp**

# High Strength and Formability.



## Steel grade.

Reconciling the irreconcilable: ThyssenKrupp Steel's new steel grade closes the performance gap between high elongation and high strength. Through a combination of innovative steel analysis and precision annealing and rolling, the world's largest production site for packaging steel has developed a material that makes steel packages more attractive and increases their competitiveness. With 40 percent lower opening forces for easy-open steel ends, Rasselstein tinplate has drawn level with aluminum.

## Benefits for customers.

High forming potential with increased strength offers the ideal combination of characteristics for optimizing easy-open ends. Opening takes perceptibly less effort, eliminating the difference in performance to aluminum. Easy-open ends made of Rasselstein tinplate are highly competitive. At the same time, the material characteristics allow a further reduction in thickness, resulting in weight and cost advantages.

## Development time.

1 to 2 years.

## Product characteristics.

- Elongation > 5 %
- Yield strength 450 - 750 MPa
- Tensile strength 500 - 750 MPa



Easy open ends

