

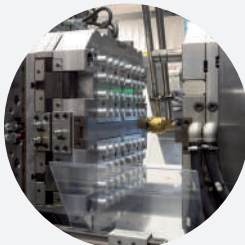
PLASTIC MOULDS EBRO 2738 SUPERIOR



New steel for plastic moulds with improved characteristics

APPLICATION

- Moulds of **large dimensions** for automotive, food and other industries.
- Plastic moulds with very **high requirements** on polishability and mechanical properties.



ADVANTAGES

Enhanced performance with regard to AISI 2738 steels:

Good weldability
Lower carbon content
Higher structural homogeneity
Reduced segregation thanks to lower manganese content
Higher thermal conductivity
Improved efficiency in heat treatments due to less alloy content
Better machinability
Increased structural homogeneity

APPLIED TECHNOLOGY

- **Pre-hardened steel** for manufacturing of **injection moulds** for plastic parts, especially for large dimensions.
- Excellent hardening penetration for **thickness over 400 mm**. Uniform hardness in all dimensions.
- Good **polishing and photoengraving** properties. Nitridable, hard chrome platable, flame or induction hardenable.