

## NET-Technology®?

**The larger the feeder neck diameter the more reliable is the feeding of the casting, however, when riser contact exceed a certain size the effort required to remove the remaining riser rest increases significantly. With ever more complex casting shapes, and the requirement for feeding in harder to reach areas, removal of risers becomes even more time consuming.**

A significant proportion of costs incurred during the production of castings, occurs in the cleaning department, with excessive cutting and grinding for the removal of risers and gating systems. The NET-Technology® range of solutions from GTP Schäfer were specifically designed to optimise riser removal and reduce costs.

The standard NET-Technology® product range from GTP Schäfer enables the easy removal of risers with contacts up to 150 mm, with regular tools, within the normal process flow eliminating costly and time consuming post casting processing.

Within the NET-Technology® product range the NETCore® Technology, furthermore, addresses the issues associated with the use of large risers and traditional breaker cores, where there is a high risk of the breaker core sintering to the casting further increasing the effort required for riser removal.

With the NET-Technology® product range from GTP Schäfer, all risers and associated contacts can be removed easily, reducing costs and increasing the casting quality.



## Product range

### NETCore®



Breaker core technology which can be applied with highly exothermic -Thermo Risers, cylindrical or cylindrical reduced EXO-ISO fiber sleeves, consisting of a high temperature resistant ceramic media to prevent sintering, in combination with a refractory mesh placed directly at the casting surface ensures the formation of a clean predetermined breaking point along the entire riser neck cross-section.

### NETFrame®



The NETFrame® has been specially designed for the removal of large side risers. It is positioned into the riser neck adjacent to the casting surface where the refractory mesh ensures a defined and predetermined fracture point ensuring easy removal of the riser.

### NETSleeve®



Specifically designed for use in hand moulding. The elimination of the traditional breaker ensures optimised, and reliable feeding of the casting due to the increased contact of the riser at the casting. Easy riser removal is ensured due to the addition of the refractory mesh and the predetermined fracture point within the riser neck.