

# FRACTURE-SPLIT CONRODS C70S6



Steel for forging fracture splitting connecting rods

## APPLICATION

- **Forged conrods** in which the head is separated by a brittle fracture.



## ADVANTAGES

### Material savings

Up to a 10% saving of raw material when using the head fracture method

### Machining operations reduction

No cutting operations, grinded and faced of the conrod's head. Reduction of a 40% in the costs of tools and operations

### Good mechanical properties

High mechanical resistance, behaviour to fatigue higher than other alternatives

## APPLIED TECHNOLOGY

- **Specific additions** to obtain surfaces with fitable fractures, without plastic deformation:
  - **Laminar pearlitic structure** with high interlaminar distances to facilitate machining operations.
  - **Resulfuration** to improve machinability.