

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.