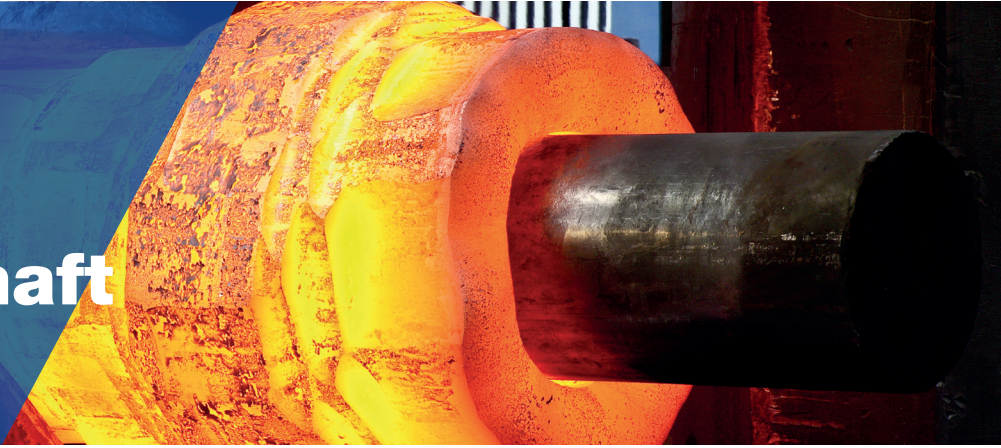




Forged Products

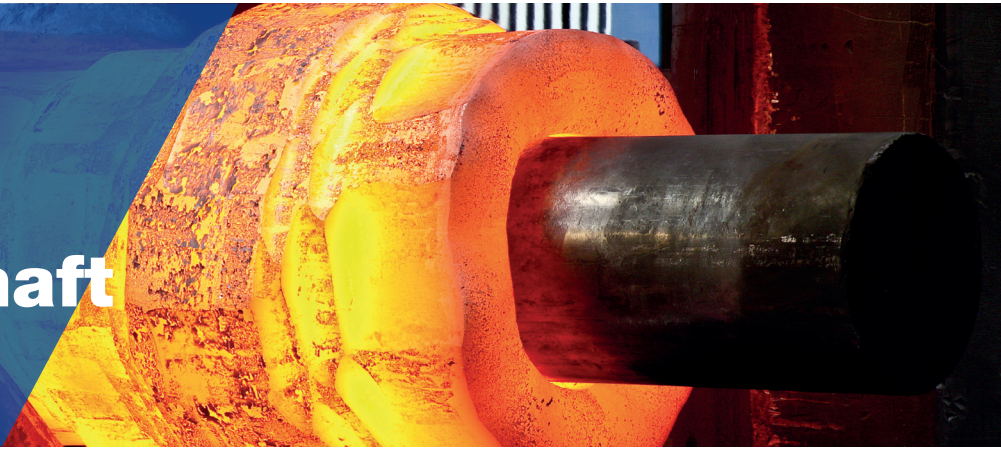
# Generator Shaft





## Forged Products

# Generator Shaft



In power stations, current is generated with generators. A generator consists of a static part, the so-called generator stator, and a rotating part, the generator rotor. The rotor itself also consists of two parts: The generator shaft (also called rotor) and the generator poles. Electrical voltage is applied on the poles. The rotor is driven by a turbine. From the voltage and the rotating of the rotor in the generator, a rotating field is formed which generates current.

A generator shaft is usually produced by a great number of suppliers in individual manufacturing stages. With our extensive manufacturing possibilities, we could reduce the number of suppliers to one. The product is forged from a single source, heat-treated, proved, pre-machined and finish-machined, pre-milled and finish-milled and primed.

The customer then implements the installation in his own works and has a fixed point of contact for all requirements.

Specification	stepped shaft forged pre-turned US-tested heat treated MTC DIN EN 10204/3.2
End Use	Generator Shaft
Steel Grade	C45E
Dimension	max. Diameter 495 mm, total length 4.038 mm
Weight	5.1 to (raw)



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