

- 1st stage shroud block
- 2nd stage shroud block
- 3rd stage shroud block

Shroud Blocks Equivalent to GE MS6001FA+e

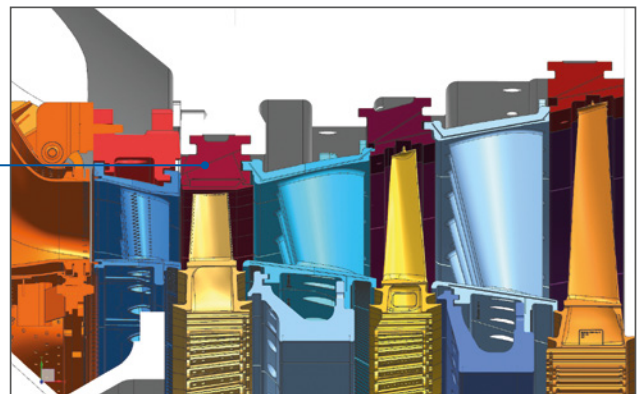
Sulzer provides design and manufacturing of new gas turbine components in both hot and cold sections. We focus on lifetime extension and performance improvement of your equipment. We have unique insight into designing a high quality product that is compatible and interchangeable with the original equipment. All shroud blocks include installation hardware suitable for installation in PG6101FA and PG6111FA gas turbines.

1st stage shroud block

The first stage shroud is a duo piece design existing of an outer shroud block and inner shroud tiles. The inner shroud is manufactured through investing casting using the nickel-based super alloy Inconel 738LC. An abradable coating is applied on the hot gas surface of the inner shroud. The coating allows for

improved airfoil control in combination with tighter clearances between the shroud block and the first stage bucket squealer tip and minimizes secondary tip losses. The abradable coating is designed to wear during rubbing of the bucket tip.

Shroud block stage 1	
Firing temp.	Up to 1,327°C (2,420°F)
Design	Duo piece design
Cooling	Impingement cooling Side wall cooling
Material	Inconel 738LC
Coating	Abradable coating
Sealing	Cloth seals
Auxiliaries	Locking hardware included

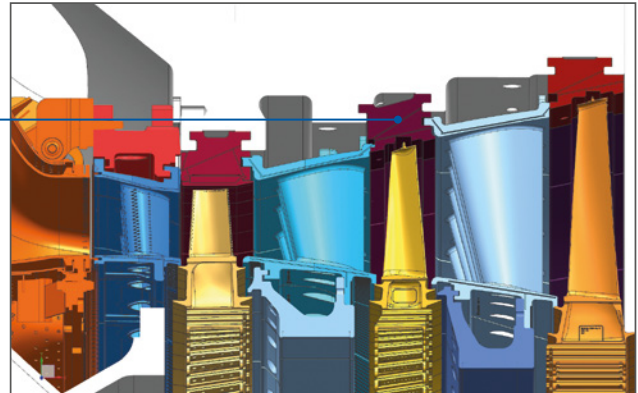


2nd stage shroud block

The second stage shroud is manufactured through investment casting using the nickel-based super alloy Inconel 738LC. The second stage shroud blocks are provided with honeycomb

sealing to optimize sealing in conjunction with cutter teeth on the second stage bucket. The honeycomb seals are applied to reduce leakages of hot gases at the second stage bucket tip.

Shroud block stage 2	
Firing temp.	Up to 1,327°C (2,420°F)
Design	Honeycomb design
Material	Inconel 738LC
Coating	Aluminum diffusion coating
Sealing	Cloth seals
Auxiliaries	Locking hardware included

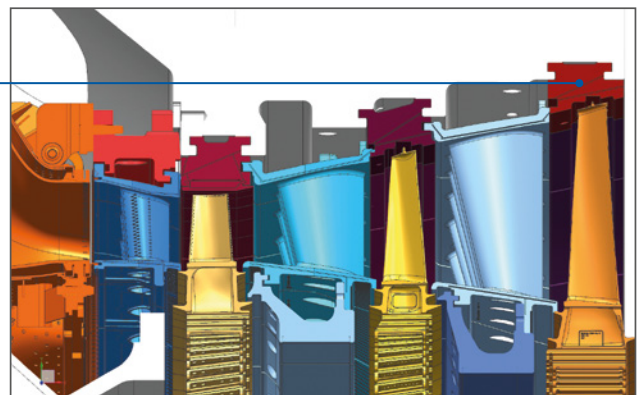


3rd stage shroud block

The third stage shroud block is manufactured through investment casting using the austenitic stainless steel

AISI-310. This alloy exhibits good wear resistance and good resistance against hot corrosion.

Shroud block stage 3	
Firing temp.	Up to 1,327°C (2,420°F)
Design	Honeycomb design
Material	AISI-310
Sealing	Cloth seals
Auxiliaries	Locking hardware included



About Sulzer

Sulzer provides cutting-edge services and solutions for rotating equipment dedicated to improving customers' processes and business performances. When pumps, turbines, compressors, generators, and motors are essential to operations, customers need a service partner they can trust. With our technically advanced and innovative solutions, we give our customers the assurance they need to focus on their operations. Customized solutions help to reduce maintenance time and cost. Our partners' business demands are ever increasing and changing but they can rely on our experts to provide the optimal solution to improve operational efficiency and reliability. We provide high-quality services at competitive prices and delivery times.



Sulzer Turbo Services Venlo B.V.
Spikweien 36
NL-5943 AD Lommel, The Netherlands
Phone: +31 (0)77 47386 66
Fax: +31 (0)77 47327 85
E-mail: sulzertsvlenlo@sulzer.com
Internet: www.sulzer.com