

Carpenter Gas Turbine Alloys for the Power Generation Industry



When millions are counting on reliable power, count on Carpenter materials to keep your equipment running effectively.

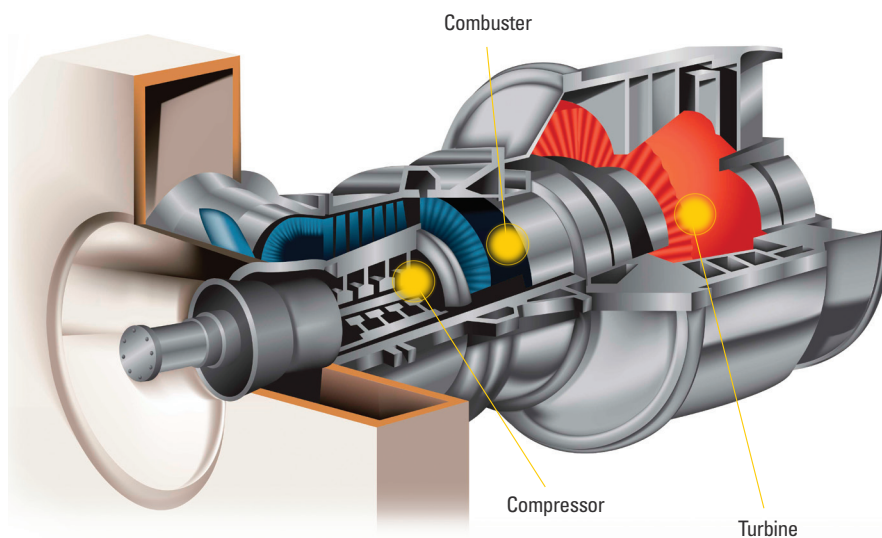
In the world of power generation, critical equipment needs to function in a dependable manner and therefore must be made from the best materials possible. That's why so many leaders in the power generation industry specify Carpenter specialty alloys and powder products.

Carpenter manufactures a full line of superalloys and stainless steels that have been used in various gas turbine applications. These high quality, heat- and corrosion-resistant materials can improve durability and extend component operating life. We combine an industry-leading product offering with knowledgeable materials support and responsiveness.

Whether the application is a turbine disc, hot-gas-path or other critical component, you can count on Carpenter to deliver high-quality materials that last. As technology continues to change, we'll provide the innovative next-generation alloys that enable our customers to increase the useful life of their equipment and reach higher performance levels.

That's Carpenter. Engineered materials for a changing world.

Carpenter's Alloys have been used in critical gas turbine applications.



Full interactive illustration available at
www.carttech.com/markets/PowerGen/PowerGen.html

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Carpenter manufactures hundreds of specialty alloys in billet, solid and hollow bar, multi-dimensional bar, precision strip, plate, wire, fine wire and ribbon forms. Many of these alloys are also available in loose powder form.

CAST AND WROUGHT APPLICATIONS

Bolting and fasteners	Ducting
Casing	Transition liner
Frames	Afterburner parts
Seals	Rotor
Wheels	Shaft
Blades and buckets	Shroud blocks
Discs and spacers	

POWDER PRODUCT APPLICATIONS

Near net shapes	Overlays
Thermal spray coatings	Braze applications

ALLOYS

Pyromet® Alloy 706	Pyromet® Alloy 625
Pyromet® Alloy 718	Pyromet® Alloy 617
Pyromet® Alloy 901	Pyromet® Alloy 680
Pyromet® Alloy A-286	Pyromet® Alloy 41
Pyromet® Alloy 263	Pyromet® Alloy 188
Pyromet® Alloy 120	Pyromet® Alloy 80A
Pyromet® Alloy 600	Pyromet® Alloy X-750

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