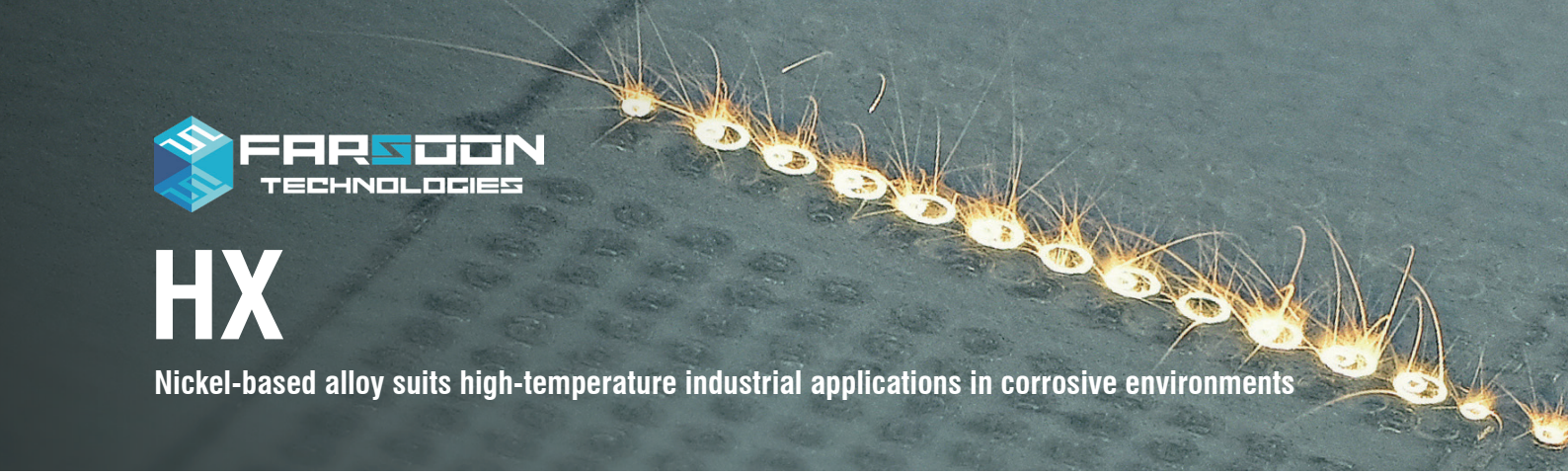

HX

Nickel-based alloy suits high-temperature industrial applications in corrosive environments

Key Features:

> High corrosion resistance
> High strength, ductility
> Excellent oxidation resistance at high temperature conditions
> Outstanding creep strength under high temperature

Example Applications:

> High-performance parts for aerospace and energy industry
> High-temperature applications
> Gas turbine components
> Chemical industry

[Technical Data]

General Properties	**Part Density** ISO3369	≥8.30 g/cm^3
Mechanical Properties [1] **(Heat treated)**	**Tensile Strength** ISO6892-1	≥705 MPa
	Yield Strength ISO6892-1	≥335 MPa
	Elongation after Fracture ISO6892-1	≥45 %
	Vickers hardness ISO6507-1 / ISO6508-1	≥210 HV5/15

1 For more information on heat treatment process, please contact us directly.
Farsoon systems are open material platform. For special materials such as tungsten, tantalum and pure copper, please contact us with your inquiries or requirements.

Combustion Chamber
Flame Tubes
System: FS273M
Partner: Chengli Aviation

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