

AMS 5662, AMS 5663 | Pręt ze Stopu Niklu 718

Typowe zastosowania

Lądowe silniki turbin gazowych

Silniki odrzutowe

Elementy złączne

Części do aparatury pomiarowej

Trzpienie technologiczne

Urządzenia do zakończenia odwiertów na głowicy szybu



[\(/media/52fmjvhy/nickel-alloy.webp\)](/media/52fmjvhy/nickel-alloy.webp)

Stop 718 (znany również pod nazwą handlową Inconel 718 firmy Special Metals) to stop niklu i chromu (AMS 5662, AMS 5663), który może być poddawany obróbce cieplnej w celu uzyskania wysokiej wytrzymałości oraz dobrej odporności na korozję. Jest łatwy w obróbce i nadaje się do produkcji skomplikowanych komponentów, a także wykazuje bardzo dobrą odporność na pękanie po spawaniu. Stop 718 może skutecznie pracować w zakresie temperatur od -423°F do 1300°F.

Powiązane produkty

200 & 201

[\(/pl/asortyment/stopy-niklu/200-201/\)](/pl/asortyment/stopy-niklu/200-201/)

625

[\(/pl/asortyment/stopy-niklu/625/\)](/pl/asortyment/stopy-niklu/625/)

Blacha i Płyta ze Stopu Niklu 625

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718

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Blacha i Płyta ze Stopu Niklu 718

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75

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80A

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X750

[\(/pl/asortyment/stopy-niklu/x750/\)](/pl/asortyment/stopy-niklu/x750/)

Pręt ze Stopu Niklu X

[\(/pl/asortyment/stopy-niklu/pre-ze-stopu-niklu-x/\)](/pl/asortyment/stopy-niklu/pre-ze-stopu-niklu-x/)

Blacha i Płyta ze Stopu Niklu X

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C263

[\(/pl/asortyment/stopy-niklu/c263/\)](/pl/asortyment/stopy-niklu/c263/)

MP159®

[\(/pl/asortyment/stopy-niklu/mp159/\)](/pl/asortyment/stopy-niklu/mp159/)

Stop Niklu MP35N®

[\(/pl/asortyment/stopy-niklu/stop-niklu-mp35n/\)](/pl/asortyment/stopy-niklu/stop-niklu-mp35n/)

41

[\(/pl/asortyment/stopy-niklu/41/\)](/pl/asortyment/stopy-niklu/41/)

Waspaloy

[\(/pl/asortyment/stopy-niklu/waspaloy/\)](/pl/asortyment/stopy-niklu/waspaloy/)

Stop Niklu 90

[\(/pl/asortyment/stopy-niklu/stop-niklu-90/\)](/pl/asortyment/stopy-niklu/stop-niklu-90/)

901

[\(/pl/asortyment/stopy-niklu/901/\)](/pl/asortyment/stopy-niklu/901/)

Specyfikacja
Powiązane

AM

AM

UNS

AST

W.N

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MSRR 7114

MSRR 7115

NACE MR0175

Gęstość właściwa

7.98 g/cm³

Skład chemiczny (WT %)

	Min	Max
Ni	50	55
Cr	17	21
Fe		
Mo		
Nb+Ta	2	
C		

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Mn	-	0.035
Si	-	0.35
Ph	-	0.015
S	-	0.015
Ti	0.65	1.15
Cu	-	0.30
B	-	0.0006
Al	0.20	0.80
Co	-	1.00

Mechanical Properties in Solution Annealed Condition

0.2% Proof Stress	MPA
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Tensile Strength	MPA	Min	1275
Elongation	%	Min	12
Reduction of area	%	Min	15
Hardness	HB	Min	331

Mechanical Properties in Solution Annealed and Aged Condition for Oil patch bar

0.2% Proof Stress	MPA	Min	827
Tensile Strength	MPA	Min	1034
Elongation	%	Min	17
Reduction of area	%		
Hardness	HB		

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