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Blanking Coins, But Also When Blanking, Cutting, Cold  
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Microstructure Of Advanced  
Tool Steels Produced By Powder ...Vanadis 60 Steel  
Was Supplied By Uddeholm, ASP 2052 Steel By  
Erasteel And S705 Steel By Böhler. Tab. 1 Chemical  
Composition Of High-speed Steels [wt.%] HS Steel C Cr  
Mo W Co V Fe Vanadis 60 2.30 4.20 7.00 6.50 10.50  
6.50 Bal. ASP 2052 1.60 4.80 2.00 10.50 8.00 5.00 Bal.  
S ... Jan 15th, 2024

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The History Of Civilisation Has Largely Been  
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Iron Malleable Iron Alloy Cast Irons 2. Carbon And Low-

Alloy Steels Steel Processing Technology  
Microstructures, Processing, And Properties Of Steels  
... ASM Handbook Author: User Feb 22th,  
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Five Component Fe 41Ni 39P 10Si 5B Apr 23th, 2024.  
Concrete, Microstructure, Properties And Materials View  
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Composite Coating On Ductile Cast Iron Marzanna  
Ksiazek 1,\*<sup>1</sup>, Lukasz Boron 2 And Adam Tchorz 2 1  
Department Of Non-Ferrous Metals, AGH University Of  
Science And Technology, 30 Mickiewicza Ave., 30-059  
Cracow, Poland May 3th, 2024.

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10.5013/IJSSST.a.17.25.13 13.1 ISSN: 1473-804x  
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Powders Were Mixed And Ball-milled In Alcohol For  
24h. After The Slurry Was Dried, The Powders Were  
Hot-pressed Sintering (HP). In HP, The Powders Were  
Hot-pressed In Flowing N<sub>2</sub> May 2th, 2024Mechanical  
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