

Data Sheet — 420W

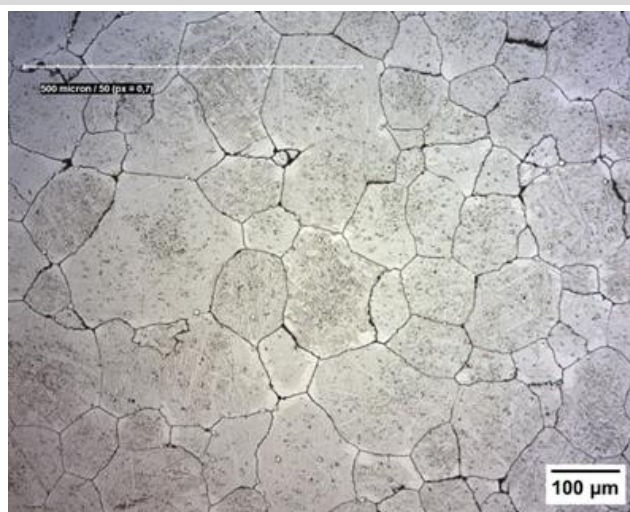
for technical applications

Comparable Standards	DIN 1.4028	X30 Cr13	AISI 420
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Composition	Fe	C	Cr	Nb	Si	Mn	Mo	Ni	sonstige
min (wt.%)	-	0.35	12.0	1.0	-	-	-	-	-
max (wt.%)	Bal.	0.50	14.0	2.0	1.0	1.0	0.65	0.6	1.0

Typical Properties	Density	Hardness	R _m	R _{p0.2}	A ₁₀
	g/cm ³	HV10	MPa	MPa	%
as sintered	≥ 7.6	≥ 380	≥ 800	≥ 600	≥ 0.2

Microstructure	as sintered
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Characteristics	Martensitic, hardenable stainless steel
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Typical Applications	Versatile applications in medical and knife industry: Typical components are surgical instruments, knives and cutlery
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These data presented here are based on our current knowledge and experience, but no liability can be assumed.