



# 430L

composition  
after sintering

C%	Cr%	Mn%	Si%	Fe%
≤0.05	15.5-17.5	≤1.0	≤1.0	balance

standards

DIN 1.4016,X 6Cr17;MPIF MIM-430L  
AISI; SAE J 405 (51430); UNS S43000

Characteristic  
Properties  
(Typical values are  
shown in bracket)

as sintered

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Density\g/cm <sup>3</sup>	≥7.55(7.6)
Yield Strength R <sub>P0.2</sub> \Mpa	≥200 ( 240 )
Ultimate Tensile Strength\Mpa	≥380 ( 420 )
Elongation\%	≥20 ( 27 )
Hardness\HV0.3	120-170