

Material: ASTM A 314 420

Standard Specification for Steel Billets and Bars for Forging for General Engineering Purposes

Group: Ferrous Stainless Steel Alloys

Sub Group: ASTM A 314 420 Steel Billets and Bars for Forging for General Engineering Purposes

Application: Intended for Valve, Pump, General Engineering, Automotive and Other Industries

Grade Belongs to the Industry: Billets and Bars for Forging

Chemical Composition			Heat Treatment	
Carbon	C %	0.150 max.	As Raw or Annealing or Normalizing or Hardening and Tempering	
Silicon	Si %	1.000 max.		
Manganese	Mn %	1.000 max.		
Phosphorus	P %	0.040 max.		
Sulphur	S %	0.030 max.		
Chromium	Cr %	12.000 - 14.000		
Iron	Fe %	Balance		
-	-	-	Mechanical Properties Tensile Strength in Mpa 690 max. Yield Strength in Mpa - Elongation in % 15 min. Reduction of Area in % - Hardness in BHN 217 max. Impact in Joule -	
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
420C28	BS	British	Casting
420C29	BS	British	Casting
420	SAE	USA	Sheet, Strip and Plate
420	AISI	USA	Forging
A 176 S42000	ASTM	USA	Steel Plate, Sheet and Strip
A 176 Type 420	ASTM	USA	Steel Plate, Sheet and Strip
A 314 S42000	ASTM	USA	Billets and Bars for Forging

Disclaimer: All information displayed in our data sheets are for reference purpose only and are sole property of their respective owners. Information and or material are used for educational purposes only. Data at actual may vary at actual and case to case basis. ICAST Alloys LLP does not guarantee validity of these parameters. Warranties and liabilities are exclusive to our terms and conditions of business.

Customer Care: +91-99090 45075 Email: info@icastllp.com