

Stainless steel balls AISI 420-440C - hardened

property

high mechanical hardness and corrosion resistance against water, steam, oil and gasoline, alcohol

applications

precision stainless steel ball bearings; oil refineries; ball pens

diameter from 0,50 mm to 150 mm

grade G10 - G1000
ISO 3290 / DIN 5401 / AFBMA

chemical composition

material	C %	Si %	Mn %	P %	S %	Cr %	Mo %
AISI 420A 1.4021 X20Cr13	0,16-0,25	≤1,00	≤1,50	≤0,040	≤0,015	12,0-14,0	
AISI 420B 1.4028 X30Cr13	0,26-0,35	≤1,00	≤1,50	≤0,040	≤0,015	12,0-14,0	
AISI 420C 1.4034 X46Cr13	0,43-0,50	≤1,00	≤1,00	≤0,040	≤0,015	12,5-14,5	
AISI 440C 1.4125 X105CrMo17	0,95-1,20	≤1,00	≤1,00	≤0,040	≤0,015	16,0-18,0	0,40-0,80