

DATA SHEET

Material 1.3541

for steel balls

– X47Cr14, INOX AISI 420C, INOX VA

Chemical composition:

	C %	Si %	Mn %	Cr %	P %	S %
min.	0,43	---	---	12,5	---	---
max.	0,50	1,00	1,00	14,5	0,040	0,015

According to: DIN EN ISO 683-17

Hardness: 54-60 HRC

Specific weight: 7,67 g /cm³

Characteristics:

Martensitic inox, a good mix between hardness and resistance to oxidation

Application areas:

Valves, special bearings, application with medium aggressive atmosphere.

Qualities according to ISO 3290 and DIN 5401: G10 to G700