
DATA SHEET

Material 1.4125

for steel balls

– X105CrMo17, INOX AISI 440C, INOX

Chemical composition:

	C %	Si %	Mn %	Cr %	Mo %	P %	S %
min.	0,95	---	---	16,0	0,4	---	---
max.	1,20	1,00	1,00	18,0	0,8	0,040	0,015

According to DIN EN 10088-3

Hardness: 55 – 60 HRC

Spec. weight: 7,68 g /cm³

Characteristics:

Martensitic inox, very good mechanical characteristics with a medium resistance to corrosion, magnetic

Application areas:

Valves, special bearings, ball pens applications with moderate aggressive atmosphere.

Qualities according to ISO 3290 and DIN 5401: G5 to G700