

## DATA SHEET

### Material 1.0616

### for steel balls

- C 85, INOX AISI 1086, high carbon steel

#### Chemical Composition:

	C%	Si%	Mn%	Cr%	Ni%	Mo%	P%	S%	Al%	Cu%
min.	0,83	0,10	0,5	---	---	---	---	---	---	---
max.	0,88	0,30	0,8	0,15	0,20	0,05	0,035	0,035	0,01	0,25

According to DIN EN 10016-2

Hardness: 60 min. HRC (through-hardened)

Spec. weight: 7,68 g /cm<sup>3</sup>

Characteristics:

Core-hardened, low resistance to corrosive attack, magnetic

Application areas:

Low quality bearings, bicycles.

**Qualities according to ISO 3290 and DIN 5401: G40 to G700**