



STEBRA

Steel Base

Chemical composition

	C	Mn	Si	Cr	Mo	Ni
STEBRA	0.9 - 2.5	0.5 - 1.5	0.2 - 0.7	1.0 - 3.5	<0.5	>1.0
STEGRA	1.5 - 2.5	0.5 - 1.5	0.5 - 1.5	0.5 - 2.0	0.3 - 0.8	0.5 - 3.0

Properties

	Hardness ShC	Tensile strength MPa	Bending strength MPa
STEBRA	35-47	350-500	650-1000
STEGRA	38-60	300-500	600-950

Comparative properties

	Fire crack resistance	Toughness	Wear resistance
STEBRA	—	—	-
STEGRA	—	—	—

Description

Cast steel base material with spheroidal pearlite and low amount of carbides.

Applications

Blooming Mills.

Two high stands with high bending forces.

Features & Benefits

- No hardness drop
- High mechanical strength