

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 LE(ShC)	Tensile strength MPa	Bending strength MPa
STEBRA	530-565 (40-46)	460-500	650-1000
STEGRA	555-645 (44-59)	395-500	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