



Product Data

SECTION MILL ROLLS
EDGER ROLLS HSM

STEGRA

Graphitic Steel

Chemical composition

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

Properties

	Hardness LE(ShC)	Tensile strength MPa	Bending strength MPa
STEGRA	555-645 (44-59)	395-500	600-950
STEBRA	530-565 (40-46)	460-500	650-1000

Comparative properties

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

Description

Cast steel base material with nodular graphite and carbides in a pearlitic/bainitic matrix.

Applications

Blooming Mills.

Two high stands with high bending forces.

Edging rolls for Hot Strip Mills.

Features & Benefits

- No hardness drop
- Very good wear resistance

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These data are indicative and can be changed at any time without prior notice
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