

Sendzimir Mill Roll

Sendzimir Mill Roll



Description

Sendzimir Mill Roll

Sendzimir Rolls aka. Cluster mill rolls, diameter ranges from 20mm to 340mm, maximum length of which can reach up to 2800mm. The categories of sendzimir rolls are composed of following:

Work roll

- 1st Intermediate Roll
- 2nd Intermediate Roll

For Work Roll, we suggest following material:

MATERIAL: M1 (AISI M1, DIN-1.3346)

1. Chemical Composition:

Chemical Composition, wt%										
C	Si	Mn	P	S	Cr	Mo	W	V	Ni+Cu	Co
0.78-0.88	0.2-0.5	0.15-0.4	0.03max	0.005max	3.5-4.0	8.2-9.2	1.4-2.1	1-1.35	0.75max	0.06max

MATERIAL: M2 (AISI M2, DIN-1.3343)

1. Chemical Composition:

WINHAM

Chemical Composition, wt%									
C	Si	Mn	P	S	Cr	Mo	W	V	Ni+Cu
0.78-0.88	0.2-0.45	0.15-0.4	0.03max	0.03max	3.75-4.5	4.5-5.5	5.5-6.7	1.75-2.2	0.75

MATERIAL: M7 (AISI M7, DIN-1.3348)

1. Chemical Composition:

Chemical Composition, wt%									
C	Si	Mn	P	S	Cr	Mo	W	V	
0.97-1.05	0.2-0.55	0.15-0.4	0.03max	0.005max	3.5-4.0	8.2-9.2	1.4-2.1	1.75-2.25	

MATERIAL: M42 (AISI M42, DIN-1.3247)

1. Chemical Composition:

Chemical Composition, wt%									
C	Si	Mn	P	S	Cr	Mo	W	V	Co
1.05-1.15	0.15-0.65	0.15-0.4	0.03max	0.005max	3.5-4.25	9-10	0.95-1.35	1-1.35	0.75max

Sendzimir Intermediate Rolls



Description

Sendzimir Intermediate Roll

Sendzimir Rolls aka. Cluster mill rolls, diameter ranges from 20mm to 340mm, maximum length of which can reach up to 2800mm. The categories of sendzimir rolls are composed of following:

Work roll

1st Intermediate Roll

2nd Intermediate Roll

For Intermediate Roll, we suggest following material:

MATERIAL: D2 (AISI D2, DIN-1.2379)

1. Chemical Composition:

Chemical Composition, wt%							
C	Si	Mn	P	S	Cr	Mo	V
1.40-1.60	0.40under	0.60under	0.03under	0.005under	11.0under	0.8-1.2	0.2-0.5

MATERIAL: H12 (AISI H12, DIN-1.2606)

1. Chemical Composition:

Chemical Composition, wt%									
C	Si	Mn	P	S	Cr	Mo	W	V	Ni+Cu
0.3-0.4	0.8-1.25	0.2-0.6	0.03max	0.005max	4.75-5.5	1.25-1.75	1-1.7	0.2-0.5	0.75max