

## ANGUL PLATE MILL PRODUCT SIZE RANGE

Thickness (mm)	Dimension (TxW)														
	Width (mm)														
	1500	1800	2000	2200	2500	2800	3000	3200	3500	3800	4000	4200	4500	4600	4800
8															
10															
12															
14															
16															
18															
20															
22															
24															
25															
28															
30															
32															
35															
36															
40															
45															
50															
56															
63															
70															
75															
80															
90															
95															
100															
105															
110															
115															
120															
125															
130															
135															
140															
145															
150															

- Range available
- Range not available

## ANGUL PLATE MILL PRODUCT DIMENSIONAL TOLERANCE

### A. THICKNESS TOLERANCE

EN10029 Tolerance on nominal thickness								
Nominal Thickness (mm)	Class A		Class B		Class C		Class D	
	Lower	Upper	Lower	Upper	Lower	Upper	Lower	Upper
5≤t<8	-0.4	+0.8	-0.3	+0.9	0	+1.2	-0.6	+0.6
8≤t<15	-0.5	+0.9	-0.3	+1.1	0	+1.4	-0.7	+0.7
15≤t<25	-0.6	+1.0	-0.3	+1.3	0	+1.6	-0.8	+0.8
25≤t<40	-0.7	+1.3	-0.3	+1.7	0	+2.0	-1.0	+1.0
40≤t<80	-0.9	+1.7	-0.3	+2.3	0	+2.6	-1.3	+1.3
80≤t<150	-1.1	+2.1	-0.3	+2.9	0	+3.2	-1.6	+1.6

Class A: For minus thickness tolerance depending on the nominal thickness

Class B: For a fixed minus tolerance of 0.3 mm

Class C: For a fixed minus tolerance of 0.0 mm, Class D: for Symmetrical tolerance

### B. WIDTH TOLERANCE

Thickness Range (mm)	Trimmed Edge Condition				
	Width Range (mm)				
	1501-2500	2501-3000	3001-3500	3501-4000	4001-4500
	Width Tol.	Width Tol.	Width Tol.	Width Tol.	Width Tol.
5.0-8.0	+20/-0	+20/-0	+20/-0	+20/-0	+20/-0
8.1-10	+20/-0	+20/-0	+20/-0	+20/-0	+20/-0
10.1-12	+20/-0	+20/-0	+20/-0	+20/-0	+20/-0
12.1-16	+15/-0	+15/-0	+15/-0	+15/-0	+15/-0
16.1-20	+15/-0	+15/-0	+15/-0	+15/-0	+15/-0
20.1-25	+15/-0	+15/-0	+15/-0	+15/-0	+15/-0
25.1-40	+15/-0	+15/-0	+15/-0	+15/-0	+15/-0
40.1-60	+20/-0	+20/-0	+20/-0	+20/-0	+20/-0
60.1-80	+20/-0	+20/-0	+20/-0	+20/-0	+20/-0
80.1-100	+20/-0	+20/-0	+20/-0	+20/-0	+20/-0
>100-150	+20/-0	+20/-0	+20/-0	+20/-0	+20/-0

Width Tolerance of -0/+10 mm can be supplied on case to case basis

### C. LENGTH TOLERANCE

Nominal Length (mm)	Length Tol. (mm)		Nominal Length (mm)	Length Tol. (mm)	
	Lower	Upper		Lower	Upper
l<4000	0	40	8000 < l ≤ 10000	0	50
4000 < l ≤ 6000	0	40	10000 < l ≤ 15000	0	75
6000 < l ≤ 8000	0	40	15000 < l ≤ 20000	0	100

\*All dimensions are in mm.



## Plate-cum-Coil Mill at Raigarh

JSPCL Plate-cum-Coil Mill at Raigarh (Chhattisgarh) produces plates up to 3500mm wide and coils upto 3000mm wide in various steel grades as per Indian and International Standards.

Raigarh Plate-cum-Coil mill produces plates and coils complying to IS 2062 specifications upto E450 grades besides a wide range of international standards and steel grades as per EN, DIN, JIS, ASTM, API etc.

### PRODUCT RANGE RAIGARH

#### DISCRETE PLATE

Dimension	Range (in mm)
Thickness	5 - 100
Width	1500 - 3500
Length	6000 - 13500

#### CUT TO LENGTH

Dimension	Range (in mm)
Thickness	5 - 25
Width	1500 - 2500
Length	6000 - 12500

### HOT ROLLED COILS

Dimension	Range (in mm)
Thickness	5 - 25
Width	1500 - 3000
Coil ID/OD	700/2000

## Heat Treatment Furnace Capacity - Raigarh

JSPL Dual fired Normalizing Furnace at Raigarh Plate Mill, Chhattisgarh is supplied by M/s SECO WARWICK, Poland. Capability of Heat Treatment furnace is as mentioned below:

### CAPABILITY CHART

Dimension	Range (in mm)
Thickness	12 - 100
Width	1500 - 3500
Length	6000 - 12500

Parameter	Range
Capacity	200 Tons per Batch
Operating temperature range	900-950°C
Maximum Furnace temperature	1000°C

### RAIGARH COIL PRODUCT MIX CAPABILITY CHART

Thickness (mm)	Typical Dimension (TxW)					
	Width (mm)					
	1500	1800	2000	2200	2500	3000
5						
6						
7						
8						
10						
12						
14						
16						
18						
20						
22						
25						

\* Thickness & width range may vary for some grades

### COIL WEIGHT CHART

Thickness (mm)	Maximum coil weight (MT)				
	Width (mm)				
	1500	2000	2500	2800	3000
5	21				
6	21	21			
7	21	21			
8	21	27	25		
10	21	27	30	31	31
12	21	27	30	31	31
14	21	27	30	31	31
16	21	27	30	31	31
18	21	27	30	31	31
20	21	27	30	31	31
22	21	27	30	31	31
25	21	27	30	31	31

\* Coil weight may vary for some grades

<span style="display: inline-block; width: 15px; height: 10px; background-color: #e67e22; border: 1px solid black;"></span> Range available
<span style="display: inline-block; width: 15px; height: 10px; background-color: #a6a6a6; border: 1px solid black;"></span> Range not available

## RAIGARH PLATE MILL PRODUCT SIZE RANGE

Thickness (mm)	Dimension (TxW)								
	Width (mm)								
	1500	1800	2000	2200	2500	2800	3000	3200	3500
5									
6									
7									
8									
10									
12									
14									
16									
18									
20									
22									
25									
28									
30									
32									
35									
36									
40									
45									
50									
56									
60									
63									
70									
80									
90									
100									

## RAIGARH PLATE CUM COIL MILL PRODUCT DIMENSIONAL TOLERANCE

### A. THICKNESS TOLERANCE - PLATE & COIL

Thickness Range (mm)	Plate		Coil	
	Lower	Upper	Lower	Upper
5	-0.3	+0.3	-0.3	+0.3
6 - 8	-0.3	+0.3	-0.3	+0.3
8.1 - 12	-0.3	+0.3	-0.3	+0.3
12.1 - 16	-0.4	+0.4	-0.4	+0.4
16.1 - 20	-0.5	+0.5	-0.5	+0.5
20.1 - 25	-0.6	+0.6	-0.6	+0.6
25.1 - 40	-0.75	+0.75		
40.1 - 70	-1.0	+1.0		
> 70	-1.5	+1.5		

### B. WIDTH TOLERANCE - PLATE & COIL

Thickness Range (mm)	Mill Edge Condition		
	*Width range (mm)		
	Plate		*Coil
	1500 - 2500	2501 - 3500	1500 - 2500
	width tolerance	width tolerance	width tolerance
5.0 - 14.0	-0 / +25	-0 / +35	-0 / +20
14.1 - 25.0	-0 / +35	-0 / +35	-0 / +20
25.1 - 100	-0 / +35	-0 / +50	

\* (H.E. and T.E. +30mm in 5 meter each side, \*\*Trimmed edge plate width tolerance - -0 / +10 mm

### C. LENGTH TOLERANCE - PLATE

Thickness (mm)	Length Tolerance	
	Lower	Upper
5 - 14	0	30
14.1 - 40	0	100
> 40	0	50