



EAGLE STEELS ROLLING MILLS PVT. LTD.

MFG. OF : M.S. ANGLES, CHANNEL & GIRDERS

IS 2062 : 2006



MUMBAI OFFICE :

405, GUPTABHAVAN, AHMEDABAD STREET,
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WORKS :

C/24 & C-4/1, MIDC AREA, TALOJA, DIST-RAIGAD, MAHARASHTRA (INDIA)
Tel. : 022 27412330 / 2505 / 56131375
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Ref. No.

Date :

Specification Of Angles

IS STD			BSEN STD	
SECTION	Kg/Mtr	Root Radius	Kg/Mtr	Root Radius
40X40X3	1.80	5.5	1.84	6.0
40X40X4	2.40	5.5	2.42	6.0
40X40X5	3.00	5.5	2.97	6.0
40X40X6	3.50	5.5	3.52	6.0
45X30X3	1.70	5.0	NS	NS
45X30X4	2.20	5.0	2.25	4.5
45X30X5	2.80	5.0	NS	NS
45X30X6	3.30	6.0	NS	NS
45X45X3	2.10	5.5	2.09	7.0
45X45X4	2.70	5.5	3.06	7.0
45X45X5	3.40	5.5	3.06	7.0
45X45X6	4.00	5.5	4.00	7.0
50X50X3	2.30	6.0	2.33	7.0
50X50X4	3.00	6.0	3.06	7.0
50X50X5	3.80	6.0	3.77	7.0
50X50X6	4.50	6.0	4.47	7.0
50X50X7	5.15	7.0	NS	NS
50X50X8	5.82	8.0	NS	NS
55X55X4	3.30	6.5	3.38	8.0
55X55X5	4.10	6.5	4.18	8.0
55X55X6	4.90	6.5	4.95	8.0
55X55X8	6.40	6.5	NS	NS
55X55X10	7.90	6.5	NS	NS
60X60X4	3.70	8.0	3.70	8.0
60X60X5	4.50	6.5	4.57	8.0
60X60X6	5.40	6.5	5.42	8.0
60X60X8	7.00	6.5	7.09	8.0
60X60X10	8.60	6.5	NS	NS
65X65X4	4.00	6.5	4.02	9.0
65X65X5	4.90	6.5	4.97	9.0
65X65X6	5.80	6.5	5.91	9.0
65X65X7	NS	NS	6.83	9.0
65X65X8	7.70	6.5	7.73	9.0
65X65X10	9.40	6.5	9.49	9.0
70X70X5	5.30	7.0	5.37	9.0
70X70X6	6.30	7.0	6.38	9.0



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	70X70X7	7.38	9.0	7.38 9.0
	70X70X8	8.90	7.0	8.35 9.0
	70X70X10	11.00	7.0	10.2 9.0
	75X75X5	5.70	7.0	5.78 9.0
	75X75X6	6.80	7.0	6.85 9.0
	75X75X8	8.90	7.0	8.99 9.0
	75X75X10	11.00	7.0	11.10 9.0
	80X80X6	7.30	8.0	7.34 10.0
	80X80X8	9.60	8.0	9.63 10.0
	80X80X10	11.8	8.0	11.90 10.0
	80X80X12	14.00	8.0	14.03 10.0
	90X90X6	8.20	8.5	8.3 11.0
	90X90X7	NS	NS	9.61 11.0
	90X90X8	10.80	8.5	10.90 11.0
	90X90X9	NS	NS	12.20 11.0
	90X90X10	13.40	8.5	13.40 11.0
	90X90X12	15.80	8.5	NS NS
	100X100X6	9.20	8.5	9.26 12.0
	100X100X7	10.70	12.0	10.73 12.0
	100X100X8	12.10	8.5	12.20 12.0
	100X100X10	14.90	8.5	15.00 12.0
	100X100X12	17.70	8.5	17.80 12.0
	100X100X15	21.90	12.0	21.91 12.0
	110X110X8	13.40	10.0	13.50 13.0
	110X110X10	16.60	10.0	16.63 13.0
	110X110X12	19.70	10.0	19.74 13.0
	110X110X16	25.70	10.0	25.76 13.0
	120X120X8	14.70	13.0	14.71 13.0
	120X120X10	18.20	13.0	18.20 13.0
	120X120X12	21.60	13.0	21.60 13.0
	130X130X8	15.90	10.0	16.00 16.0
	130X130X9	17.90	13.0	17.90 14.0
	130X130X10	19.70	10.0	19.79 14.0
	130X130X12	23.50	10.0	23.60 14.0
	130X130X16	23.50	10.0	NS NS
	150X150X10	22.90	12.0	23.00 16.0
	150X150X12	27.30	12.0	27.30 16.0
	150X150X15	33.80	16.0	33.80 16.0
	150X150X16	35.80	12.0	NS NS

ACCEPTED RANGE SECTIONAL W.T.Kg/MTR

IS STD

MIN -3% Std Wt

MAX +5% Std Wt

BSEN STD

MIN -4% Std Wt

MAX +4% Std Wt

Other Tolerance As Per IS 1852





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Spacification Of Channel & Beam

SECTION	STANDERD W/M	MINIMUM	MAXIMUM	ROOT RADIUS
ISMC-75X40	7.140	6.962	7.319	8.500
ISMC-100X50	9.560	9.321	9.799	9.000
ISMC-125X65	13.100	12.772	13.427	9.500
ISMC-150X75	16.800	16.380	17.220	10.000
ISMC-175X75	19.600	19.110	20.090	10.500
ISMC-200X75	22.300	21.742	22.857	11.000
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BM 100X50	8.900	8.678	9.123	9.000
BM 125X70	13.300	12.968	13.633	9.000
BM 150X75	15.000	14.625	15.375	9.000
BM 175X85	19.600	19.110	20.090	10.000
BM 200X100	24.200	23.595	24.805	11.000
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H-BM 116X100	23.000	22.425	23.575	15.000
H-BM 152X152	37.100	36.173	38.028	11.700

