

CAST IRON ANGLE PLATES



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SPECIFICATIONS

Size No.	Nominal Dimensions (in mm).	Grade	Flatness of working faces	Squareness of exterior faces over dimension H	Parallelism of opposite faces & edges over their total length	Squareness of end faces with respect to exterior faces as measured over dimension L
	L B H		Deviation expressed in 'Microns (0.001mm)			
1	1000 x 900 x 1200	I	30	60	65	65
		II	150	300	325	325
2	900 x 600 x 700	I	20	36	40	40
		II	100	200	225	225
3	750 x 450 x 600	I	10	20	23	23
		II	50	100	115	115
4	450 x 300 x 350	I	10	18	20	20
		II	50	100	113	113
5	350 x 200 x 250	I	8	18	20	20
		II	38	75	88	88
*6	250 x 150 x 175	I	8	15	18	18
*7	175 x 100 x 125	I	5	13	15	15

*Sizes not offered to Grade – II accuracies.

GMT angle plates are made of heavy duty close grained cast iron to IS: 210 Grade 20. They are well ribbed to minimize distortion and are artificially seasoned as recommended in IS: 2554-1971

GMT Cast Iron Angle Plates conform to IS 2554-1971 and are offered in two grades. Grade-I and Grade-II. They are manufactured in different sizes to meet a wide range of requirements.

Grade-I plates are very carefully hand scraped on all the working surfaces to accuracies conforming to Grade-I limits as per IS: 2554-1971

Grade-II Plates are finish machined on all the working surfaces to accuracies conforming to Grade-II as per IS: 2554-1971

Plates sizes 1 to 5 provided with suitable number of T-slots on one working face.

Divided clamping holes are provided on the other working surface. T-Slots dimensions conform to IS: 2013:1995. Sizes 6 and 7 are provided with elongated slots on both the working faces to facilitate clamping.

To meet special requirements, we offer precision matched angle blocks suitable to provide a convenient means for mounting and clamping work for boring and milling operations.

- They are made from heavy section castings.
- They working surfaces are hand scraped.
- The LBH dimensions are maintained to close tolerances.
- T-Slots are provided on the working surfaces to facilitate clamping.

Any further details will be provided on request.

We supply precision angle plates as per IS:6973-1973 upon request at extra cost. Special sizes can be offered on request.

Manufactured by



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Due to constant development work we reserve the right to depart from the catalogue specifications.