



BEARING & TOOL CENTRE



Head Office

1st Floor, Vyapar Bhavan, Kadia Kui,
Relief Road, Ahmedabad - 380001.
Ph:- 079 - 22160386, 65254835, 22134835
Mobile : 7819819941, 9375706649

Ahmedabad Branch

GF-B-14, Jayraj Complex, Nr. Soni ni Chawl,
Odhav, Ahmedabad - 382415.
Ph:- 079 - 22890202, 65458950, 65404657, 65400202
Mobile : 7878825197, 7819819938, 9375706648

Website : www.bearingtoolcentre.com, www.bearingtoolscentre.com | Email : info@bearingtoolcentre.com

Our Sister Concern : RELIEF SERVICE CENTRE

Repairs, Removal of Jaw Error, Bore Gauge Extension, Instrument Modifications & Spares

Quotation

62 - 1	Surface Plate – Granite – Grade '0' - Make Luthra Calibration Cert. Traceable to NPL . New Delhi , AS per IS 2285 – 2003
--------	---

Size – mm	300 x 300 x 50	400 x 400 x 63	400 x 630 x 80	630 x 630 x 80	1000 x 630 x 150
Flatness – micron	--	4.5	5.0	5.0	6.0
Rs. of Plate	1450	2250	3650	5400	12250
Rs. of Stand	--	--	2800	3050	4150
Approx Weight kg	20	30	65	100	295
Catalog	Page No.- 7	Page No.- 7	Page No.- 7	Page No.- 7	Page No.- 7
Size – mm	1000 x 1000 x 150	1200 x 900 x 150	1200 x 1200 x 150	1600 x 1000 x 200	2000 x 1000 x 200
Flatness – micron	7.0	8.0	8.0	8.0	9.5
Rs. of Plate	19750	22500	30000	39250	53000
Rs. of Stand	5300	5700	8450	7300	8800
Approx Weight kg	470	520	700	1000	1300
Catalog	Page No.- 7	Page No.- 7	Page No.- 7	Page No.- 7	Page No.- 7

Note For Surface Plate : Discount 10%, Forwarding charges extra at actual .
+ 15% vat on Surface plate or 2% against C form.

Note For Stand : Forwarding charges extra at actual , + 5% vat on Stand or 2% against C form.

62 - 3	Surface Plate – Cast Iron – Grade – Inspection – Make Luthra Calibration Cert. Traceable to NPL . New Delhi , AS per IS 2285 – 2003
--------	---

Size – mm	250 x 250	400 x 400	400 x 630	630 x 630	750 x 600	1000 x 630	1000 x 1000
Rs. of Plate (Grade 'I')	2150	4250	7500	10850	14750	19750	40000
Rs. of Plate (Grade '0')	2500	4900	8650	12500	17000	22750	46000
Rs. of Stand	--	2300	2800	3050	3550	4150	5300
Catalog	Page No.-6	Page No.-6	Page No.-6	Page No.-6	Page No.-6	Page No.-6	Page No.-6
Size – mm	1200 x 600	1200 x 900	1200 x 1200	1000 x 1600	1000 x 2000	1200 x 1800	
Rs. of Plate (Grade 'I')	35250	44000	65500	85500	107500	129000	
Rs. of Plate (Grade '0')	40500	50500	75250	98250	123500	148250	
Rs. of Stand	5000	5700	8450	7300	8800	8900	
Catalog	Page No.-6	Page No.-6	Page No.-6	Page No.-6	Page No.-6	Page No.-6	

Note For Surface Plate : Discount 10%, Forwarding charges extra at actual .
+ 5% vat on Surface plate or 2% against C form.

Note For Stand : Forwarding charges extra at actual , + 5% vat on Stand or 2% against C form.

62 - 4	Surface Plate – Cast Iron – Make Luthra Calibration Cert. Traceable to NPL . New Delhi , AS per IS 2285 - 2003
--------	---

Size – inches	12 x 12	12 x 18	18 x 18	18 x 24	24 x 24
Rs. of Plate (Grade 'I')	2400	3700	4700	7650	10250
Rs. of Plate (Grade '0')	2750	4250	5400	8800	11750
Rs. of Stand	2300	2300	2300	2800	3050
Catalog	Page No.-6	Page No.-6	Page No.-6	Page No.-6	Page No.-6
Size – inches	24 x 30	24 x 36	36 x 36	36 x 48	
Rs. of Plate (Grade 'I')	14750	18350	35000	44000	
Rs. of Plate (Grade '0')	17000	21100	40250	50500	
Rs. of Stand	3550	4150	5300	5700	
Catalog	Page No.-6	Page No.-6	Page No.-6	Page No.-6	

Note For Surface Plate : Discount 10%, Forwarding charges extra at actual, + 5% vat for Cast Iron surface plate or 2% against C form.

Terms & Conditions –

- Goods offered - Subject to Prior Sale
- Price Validity: "15 Days from Date of Quotation"
- C.S.T 2% extra against form C. Otherwise 5% without form C For Out of Gujarat Sales only.
- VAT 5% extra for Sales within Gujarat. Prices Ex-Godown Ahmedabad.
- Payment against Proforma Invoice, Packing, Forwarding & Freight extra.
- **Bank Detail** – Kotak Mahindra Bank Ltd.
- **Branch** – Shivranjini
- **Bank IFSC Code** - KKBK 0000 810
- **Bank Account No.** 08102 00000 2689
- Note - While making payment online do mention your Company's name.
- TIN NO 24070901229 , CST No. 24570901229
- We are looking forward to your valued orders.

Luthra

PRECISION TOOLS



SURFACE PLATES

**Material.**

Luthra Surface Plates are made of close grained Cast Iron to IS:210:1962 and their rigidity is secured by deep cross ribbing.

Hardness:

Will be between 170-220 BHN.

Stress Relieving.

Castings internal stresses are relieved either by natural ageing or by artificial seasoning in our seasoning furnace as recommended in IS:2285:74

Grades:

Luthra Surface Plates are offered in two grades Grade-I and Grade-II.

Workmanship and Finish:

Grade-I and Grade-II Surface Plates are finished by hand scrapping.

Accuracy:

Local errors in flatness over 100 mm distance will not exceeds the following values:

Grade-I	0.005 mm
Grade-II	0.010 mm

In addition to the tolerance on flatness, accuracies & sizes of surface plates are given on the back page.

Special Provisions:

Tapped holes are also provided at the top surface, for fixing work or measuring instruments at extra cost. One or more T-Slot on working surface as per customer's requirement at an extra cost.

Stands:

Luthra Surface Plates are normally supplied without stand and levelling screws, but cast iron or fabricated stands with levelling screws could be supplied along with the Surface Plates at extra cost on request. The total height of the Marketing Table or Surface Plate is 850 to 920 mm approx. from the floor with stand.

Wooden Cover:

Wooden cover to protect the working surface and the sides is supplied free of cost with each Surface Plate.

Testing:

Every Surface Plate is tested as recommended in IS:2285:74 and inspection report furnished with each Surface Plate. Our certificate is your assurance of our Surface Plate's dependability and your guarantee that it is the most accurate Surface Plate you can own.

Luthra Surface Plates are most accurate so no point on the working Surface shall very more than the accuracy specified and can be used with confidence, wherever strict accuracy is required so they are suitable for highest class of precision work and you can be assured that a job set anywhere on the Luthra Surface Plate will repeat the same measurement reading as specified. In accuracy and reliability — it is unbeatable. This is the only reason for their nationwide acceptance.

Packing: Each surface plate is protected against climatic conditions by suitable protective coating and the complete top is totally rapped in plastic paper.



PRECISION TOOLS

SURFACE PLATES

As Per IS:2285-74

Size of Plates in inches	Tolerance in flatness in microns Grade I	Tolerance in flatness in microns Grade II	Size of Plates in mm	Tolerance in flatness in microns Grade I	Tolerance in flatness in microns Grade II
12 x 12	5.0	10.0	250 x 250	5.0	10.0
12 x 18	7.5	15.0	400 x 400	7.5	15.0
18 x 18	7.5	15.0	500 x 500	7.5	15.0
18 x 24	7.5	15.0	400 x 630	7.5	15.0
24 x 24	7.5	15.0	630 x 630	7.5	15.0
24 x 36	10.0	20.0	1000 x 630	10.0	20.0
36 x 36	12.0	24.0	1000 x 1000	12.5	25.0
36 x 48	12.5	25.0	1200 x 900	12.5	25.0
48 x 48	15.0	30.0	1200 x 1200	15.0	30.0
40 x 60	17.5	35.0	1000 x 1600	17.5	35.0
			1000 x 2000	20.0	40.0
			1200 x 1800	20.0	40.0

other sizes on Request

SIZES & ACCURACIES

STRAIGHT EDGES

I Section (Parallel Type)

Camel Back (Bow Shape)

As per BS:5204-1975

As per IS:5268:69

Size mm	Width mm	Flange Thickness	Accuracy mm	Size mm	Width mm	Flange Thickness	Accuracy mm
300	25	8	0.003	300	30	10	0.003
500	30	10	0.004	500	35	12	0.004
1000	35	12	0.010	1000	45	16	0.008
1500	40	12	0.015	1500	55	20	0.012
2000	50	14	0.020	2000	65	24	0.016
2500	55	15	0.025	2500	80	28	0.020
3000	55	16	0.030	3000	90	32	0.024
4000	60	18	0.040	4000	110	38	0.032
5000	65	20	0.050	5000	115	46	0.040
6000	70	22	0.060	6000	120	54	0.048

TRIANGULAR/PRISMATIC STRAIGHT EDGES

As per IS:8823:78

Granite Surface Plates



Cast Iron Surface Plates



CAST IRON SURFACE PLATES

As Per IS: 2285-2003



Sizes in Inches	GRADE-I <i>PRICES IN INR</i>	GRADE-0 <i>PRICES IN INR</i>	FABRICATED STAND WITH LEVELLING SCREWS	FABRICATED STAND WITH LEVELLING SCREWS AND VIBRATION PADS
12" x 12"	2400.00	2750.00	2300.00	
12" x 18"	3700.00	4250.00	2300.00	
18" x 18"	4700.00	5400.00	2300.00	
18" x 24"	7650.00	8800.00	2800.00	
24" x 24"	10250.00	11750.00	3050.00	4450.00
24" x 30"	14750.00	17000.00	3550.00	4950.00
24" x 36"	18350.00	21100.00	4150.00	5700.00
36" x 36"	35000.00	40250.00	5300.00	7050.00
36" x 48"	44000.00	50500.00	5700.00	7500.00
<i>Other Sizes on Request</i>				
Sizes in MM				
250 x 250	2150.00	2500.00		
400 x 400	4250.00	4900.00	2300.00	
400 x 630	7500.00	8650.00	2800.00	
630 x 630	10850.00	12500.00	3050.00	4450.00
750 x 600	14750.00	17000.00	3550.00	4950.00
1000 x 630	19750.00	22750.00	4150.00	5700.00
1000 x 1000	40000.00	46000.00	5300.00	7050.00
1200 x 600	35250.00	40500.00	5000.00	6550.00
1200 x 900	44000.00	50500.00	5700.00	7500.00
1200 x 1200	65500.00	75250.00	8450.00	10250.00
1000 x 1600	85500.00	98250.00	7300.00	9250.00
1000 x 2000	107500.00	123500.00	8800.00	10750.00
1200 x 1800	129000.00	148250.00	8900.00	11000.00
<i>Other Sizes on Request</i>				



GRANITE SURFACE PLATES

As Per IS: 7327-2003

Sizes (mm)	GRADE-0 PRICES IN INR	FABRICATED STAND WITH LEVELLING SCREWS	FABRICATED STAND WITH LEVELLING SCREWS AND VIBRATION PADS
300 x 300 x 50	1450.00		
400 x 400 x 63	2250.00		
400 x 630 x 80	3650.00	2800.00	4050.00
630 x 630 x 80	5400.00	3050.00	4450.00
1000 x 630 x 150	12250.00	4150.00	5700.00
1000 x 1000 x 150	19750.00	5300.00	7050.00
1200 x 900 x 150	22500.00	5700.00	7500.00
1200 x 1200 x 150	30000.00	8450.00	9250.00
1000 x 1600 x 200	39250.00	7300.00	10250.00
1000 x 2000 x 200	53000.00	8800.00	11000.00

Other Sizes on Request