

18pcs Round Sine Riser Block Set

For quickly setting angle with 5" sine bar, sine plate, sine vise, compound sine plate, etc.

- Each block market for angle.
- Overall diameter is 0.750".
- Made of high grade of alloy steel.
- Working surface hardened to HRC62 and lapped to tolerance +/- 0.0001".
- 1° through 15° by 1° plus 1/2°, 1/4 & 1/2 T.P.F.
- Individual block is available.
- Supplied in fitted wood case.



| Angle | Height | Angle | Height | Angle | Height |
|-------|----------|-------|----------|---------|----------|
| 1/2° | 0.04363" | 6° | 0.52264" | 12° | 1.03956" |
| 1° | 0.08726" | 7° | 0.60935" | 13° | 1.12476" |
| 2° | 0.17450" | 8° | 0.69587" | 14° | 1.20961" |
| 3° | 0.26168" | 9° | 0.78217" | 15° | 1.29410" |
| 4° | 0.34878" | 10° | 0.86824" | 1/2 TPF | 0.2084" |
| 5° | 0.43578" | 11° | 0.95404" | 1/4 TPF | 0.1042" |

| Description | STC# | Accuracy | Customer # |
|------------------------|---------|-------------|------------|
| Round Sine Riser Block | CBL0110 | +/- 0.0001" | |

36pcs Round Space Block Sets

For quickly setting stops and setups in lathes, milling machines and drill presses, setting sine bars, etc.

- Each block marked for size
- Overall diameter is .750
- ID is threaded: 6mm x .1 Import
- Working surfaces hardened to RC 58 - 60
- Surfaces precision ground and lapped to $\pm 0.0001''$.
- 4 Connecting screws supplied to form whatever length is desired
- Set of 36 pieces, packaged in a fitted wood case
- Individual block is available.
- consists of the following blocks:



.050, .060, .0625, .070, .080, .090,
.100, .101, .102, .103, .104, .105,
.106, .107, .108, .109, .110, .120,
.125, .130, .140, .150, .160, .170,
.180, .190, .200, .300, .400, .500, .600, .700, .800, .900, 1.000
(2pcs.)

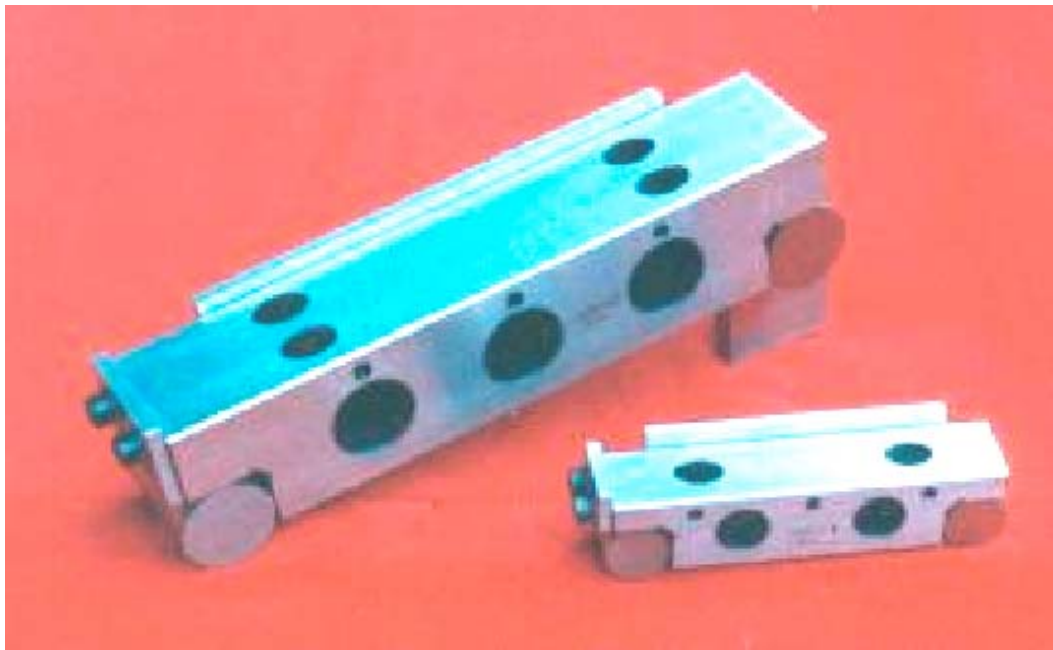
| Description | STC# | Accuracy | MSC# |
|-------------------|---------|----------------|----------|
| Round Space Block | CBL0118 | $\pm 0.0001''$ | 06464051 |

Sine Bar

The easy way to secure a high degree of accuracy in measuring angles for grinder and milling machine set-ups is by the use of Sine Bar equipment in conjunction with gage blocks or special sine blocks. (We can supply special sine block.)

Special features: Both sine bar and rolls are hardened and ground for extreme accuracy. Various size holes are furnished for clamping purposes. Parallelism .0002". Sine Bars and 5" sine plate have tapped holes for hold downs.

Center to center distance between center of rolls is accurate within $\pm .0002$ ". Ends and sides are square within 20 seconds. There is a flange on the end for resting work.

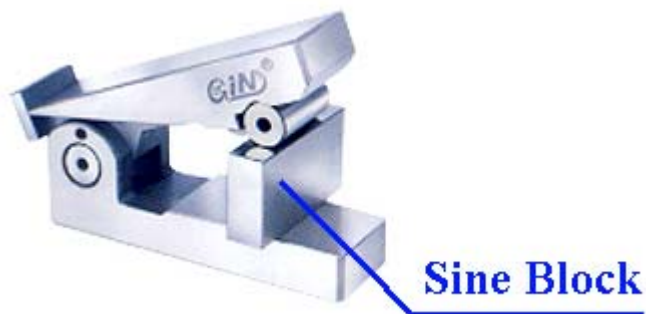
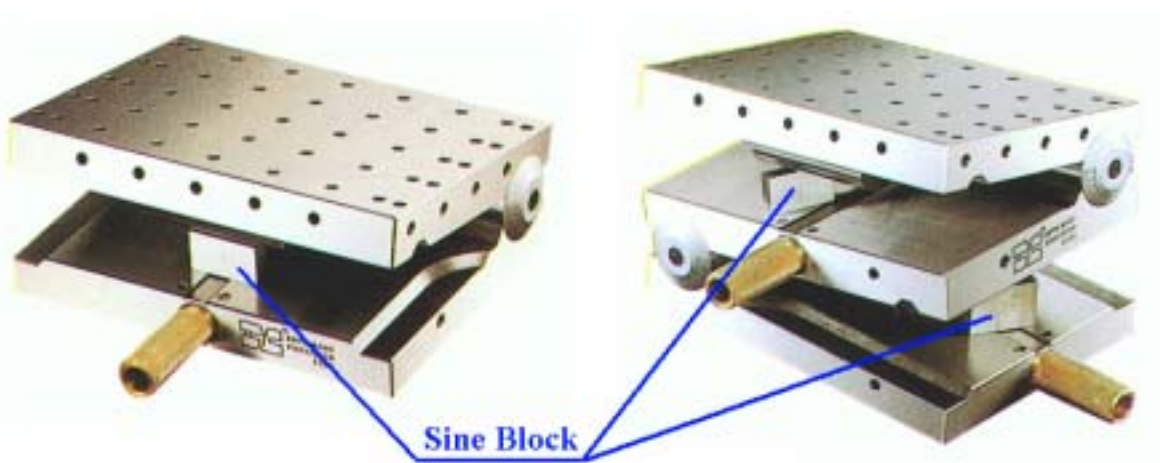


| Description | STC # | Flatness | Parallel | Center Tolerance | L x W x H | Customer # |
|--------------------|-------|----------|----------|------------------|-------------------|------------|
| Economy Sine Bar | | 0.00015" | 0.0002" | ± 0.0002 " | 5 x 15/16 x 1-1/4 | |
| Economy Sine Bar | | 0.00015" | 0.0002" | ± 0.0002 " | 5 x 2 x 1-1/4 | |
| Economy Sine Bar | | 0.00030" | 0.0003" | ± 0.0002 " | 10 x 1 x 2 | |
| Precision Sine Bar | | 0.00015" | 0.0004" | ± 0.001 " | 5 x 15/16 x 1-1/4 | |
| Precision Sine Bar | | 0.00015" | 0.0004" | ± 0.001 " | 5 x 2 x 1-1/4 | |
| Precision Sine Bar | | 0.00030" | 0.0005" | ± 0.0015 " | 10 x 1 x 2 | |

Sine Block Sets

For quickly setting angles with sine bar, sine plate, sine vise, compound sine plates, etc.

- Each Block marked for angle.
- Made of high quality alloy steel.
- Hardness of Measuring surface is over HRC63
- Good wear resistance.
- Supplied in good quality wood case.



| Description | STC No. | Range | Step | Sine Center | Accuracy |
|----------------------|-----------|----------|------|-------------|----------|
| 45pcs Sine Block Set | CBL0120-1 | 1° – 45° | 1° | 4" | 0.0001" |
| 45pcs Sine Block Set | CBL0120-2 | 1° – 45° | 1° | 5" | 0.0001" |
| 45pcs Sine Block | CBL0120-3 | 1° – 45° | 1° | 50mm | 0.0025mm |

| Set | | | | | |
|-----------------------------|-----------|----------|----|-------|----------|
| 45pcs Sine Block Set | CBL0120-4 | 1° – 45° | 1° | 75mm | 0.0025mm |
| 45pcs Sine Block Set | CBL0120-5 | 1° – 45° | 1° | 100mm | 0.0025mm |
| 45pcs Sine Block Set | CBL0120-6 | 1° – 45° | 1° | 125mm | 0.0025mm |