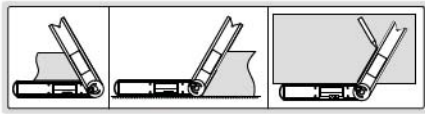


## WATERPROOF DIGITAL PROTRACTOR (HEAVY DUTY)



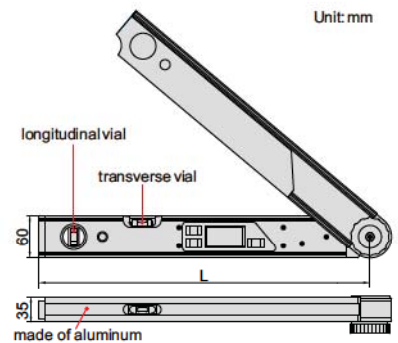
- Suitable for setting horizontal and vertical mitre angles of cutting machine
- Buttons: ON/OFF, HOLD/SUP, SPR/CNR/MTR/BVL
- IP54 dust/waterproof
- With transverse and longitudinal vials
- 2xAAA batteries
- Absolute level, zero setting is not needed when batteries are replaced
- Backlight will turn off in one minute after no data changing, automatic power off in 5 minutes



2174-225

IP54  
WATERPROOF

ABSOLUTE  
LEVEL

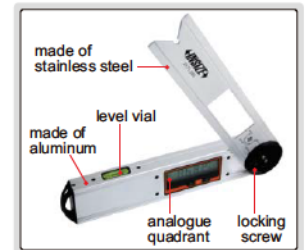
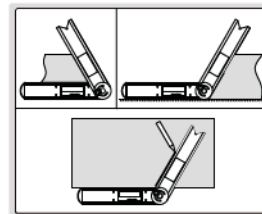
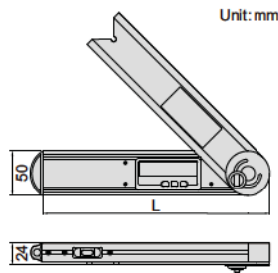
AUTOMATIC  
BACKLIGHT


| Code     | Size (L) | Range  | Resolution | Accuracy |
|----------|----------|--------|------------|----------|
| 2174-225 | 460mm    | 0-225° | 0.05°      | ±0.10°   |

## DIGITAL PROTRACTOR



2171-250



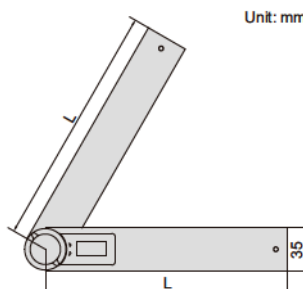
- Buttons: on/off, hold (keep the reading), zero, ABS (absolute and incremental measurement)
- Fix the locking screw at 4 positions for different measuring ranges: 0°~225°, -225°~0°, -45°~180°, -180°~45°
- Remove the locking screw for 360° range
- With level vial
- Battery CR2032
- Automatic power off

| Code     | Size (L) | Range  | Resolution | Accuracy |
|----------|----------|--------|------------|----------|
| 2171-250 | 250mm    | 0-360° | 0.05°      | ±0.15°   |

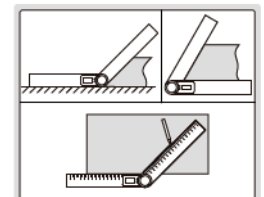
## DIGITAL PROTRACTORS



2176-300



- Buttons: on/off, zero
- With clamping screw to lock the blades
- Graduation of blade: 1mm and 1/32"
- Made of stainless steel
- CR2032 battery
- Automatic power off



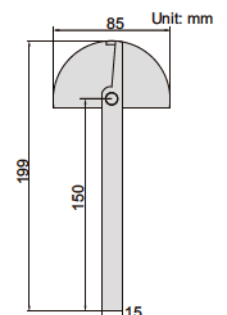
| Code     | Size (L) | Range  | Resolution | Accuracy |
|----------|----------|--------|------------|----------|
| 2176-200 | 200mm    | 0-360° | 0.1°       | ±0.3°    |
| 2176-300 | 300mm    | 0-360° | 0.1°       | ±0.3°    |

## PROTRACTOR

- Made of stainless steel
- Satin chrome plated scale
- With clamping screw



4780-85

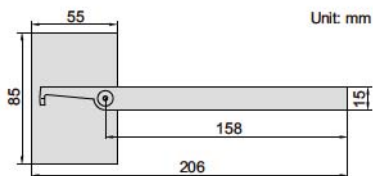


| Code    | Size     | Range  | Graduation | Accuracy |
|---------|----------|--------|------------|----------|
| 4780-85 | 85x150mm | 0-180° | 1°         | ±0.3°    |

4 working edges



- Made of stainless steel
- Satin chrome plated scale
- With clamping screw



### PROTRACTOR



4781-85

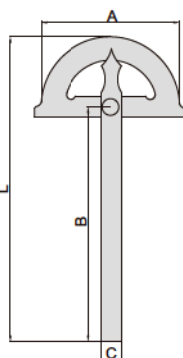
| Code    | Size     | Range  | Graduation | Accuracy |
|---------|----------|--------|------------|----------|
| 4781-85 | 85x158mm | 0-180° | 1°         | ±0.3°    |

### PROTRACTORS

- Graduation: 1°
- Made of stainless steel  
(4799-1300 is made of carbon steel)
- Satin chrome plated scale
- With clamping screw

| Code      | Size (AxB) | Range  | Accuracy | L   | C  |
|-----------|------------|--------|----------|-----|----|
| 4799-180  | 80x120mm   | 0-180° | ±0.3°    | 168 | 11 |
| 4799-1120 | 120x150mm  | 0-180° | ±0.3°    | 220 | 14 |
| 4799-1150 | 150x200mm  | 0-180° | ±0.3°    | 285 | 16 |
| 4799-1200 | 200x300mm  | 0-180° | ±0.3°    | 413 | 20 |
| 4799-1300 | 300x500mm  | 0-180° | ±0.3°    | 675 | 30 |

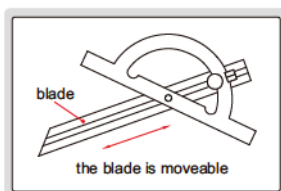
(mm)



4799-180

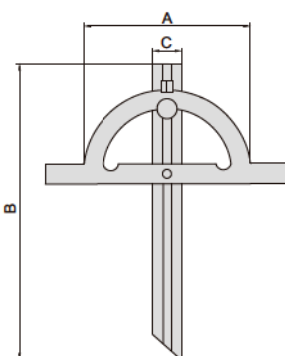
### PROTRACTORS

- Graduation: 1°
- Made of carbon steel
- Satin chrome plated
- With clamping screw
- The blade is moveable



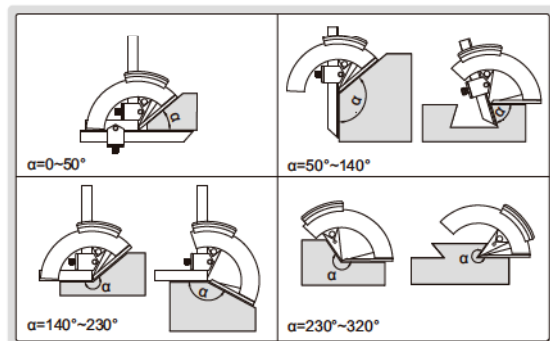
| Code     | Size (AxB) | Range   | Accuracy | C  |
|----------|------------|---------|----------|----|
| 4797-100 | 100x150mm  | 10-170° | ±0.3°    | 18 |
| 4797-150 | 150x300mm  | 10-170° | ±0.3°    | 22 |
| 4797-200 | 200x400mm  | 10-170° | ±0.3°    | 24 |
| 4797-250 | 250x500mm  | 10-170° | ±0.3°    | 28 |
| 4797-300 | 300x600mm  | 10-170° | ±0.3°    | 32 |

(mm)



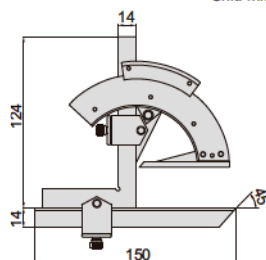
4797-100

### PROTRACTOR



| Code     | Range  | Graduation | Accuracy |
|----------|--------|------------|----------|
| 2374-320 | 0-320° | 2'         | ±2'      |

Unit: mm



- Made of stainless steel
- Satin chrome plated scale

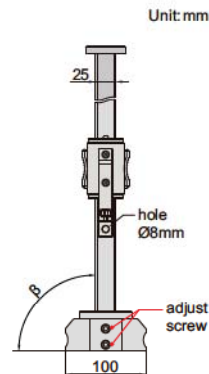
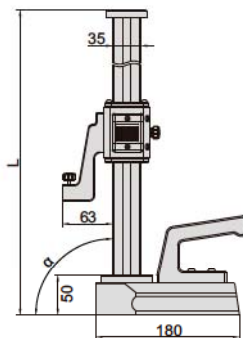


2374-320





## PERPENDICULARITY TESTERS



Unit: mm

dial test indicator  
is not included



- Optional accessory:  
dial test indicators (graduation: 1μm or 2μm),  
cylinder square (code 4710, for calibration),  
granite square (code 4141, for calibration)

| Code     | Range (H) | Perpendicularity (α) | Side perpendicularity (β) | L     |
|----------|-----------|----------------------|---------------------------|-------|
| 4770-300 | 0-300mm   | 3μm                  | 10μm                      | 460mm |
| 4770-600 | 0-600mm   | 5μm                  | 20μm                      | 760mm |

## CYLINDER SQUARES



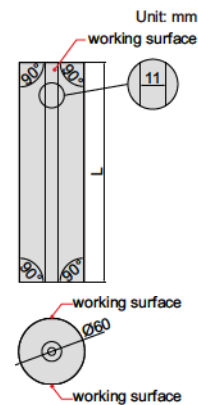
- Made of special alloy steel, hardness HRC58-60
- The handle can be removed

| Code      | Length (L) | Squareness |
|-----------|------------|------------|
| 4710-200* | 200mm      | 1μm        |
| 4710-300* | 300mm      | 2μm        |

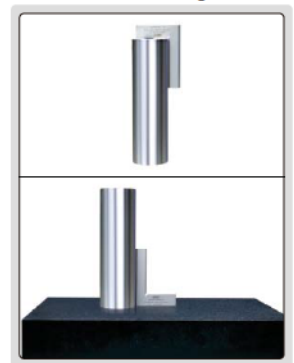
\* Supplied with manufacturer inspection certificate



4710-200



inspect 90° internal  
and external angles

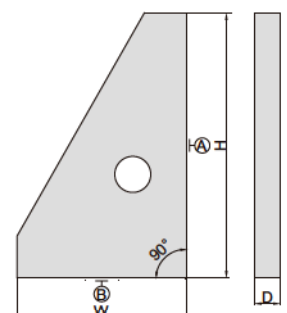


## GRANITE SQUARES

CUSTOM-MADE  
SUPPLY SPECIAL SIZES ACCORDING  
TO CUSTOMER'S REQUEST

| Code     | Size (HxW) | Flatness<br>of A | Flatness<br>of B | Squareness<br>of A to B | D    |
|----------|------------|------------------|------------------|-------------------------|------|
| 4141-250 | 250x160mm  | 1μm              | 1μm              | 2μm                     | 25mm |
| 4141-400 | 400x250mm  | 1.5μm            | 1μm              | 3μm                     | 40mm |
| 4141-630 | 630x400mm  | 2μm              | 1.5μm            | 4μm                     | 63mm |

4141-250



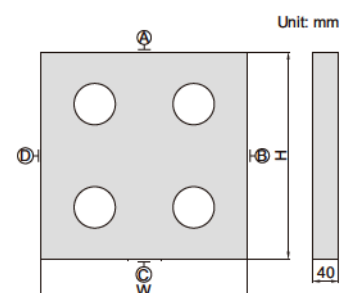
## GRANITE SQUARE

CUSTOM-MADE  
SUPPLY SPECIAL SIZES ACCORDING  
TO CUSTOMER'S REQUEST

| Code     | Size (HxW) | Flatness of<br>A, B, C and D | Squareness and<br>parallelism between<br>A, B, C and D |
|----------|------------|------------------------------|--------------------------------------------------------|
| 4144-315 | 315x315mm  | 1.1μm                        | 2.6μm                                                  |



4144-315

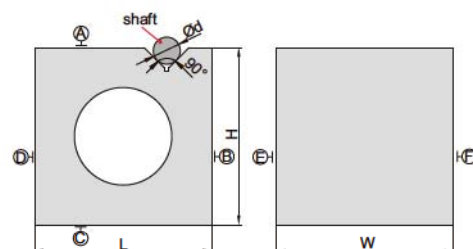


## GRANITE SQUARE WITH V GROOVE

- Parallelism and squareness of A, B, C, D, E and F:  $6\mu\text{m}$
- Parallelism and squareness of V groove to A, B, C, D, E and F:  $6\mu\text{m}$



4142-200



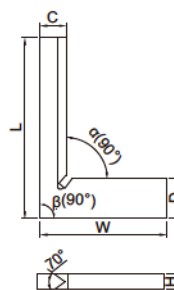
| Code     | Size (LxWxH)  | Range of shaft (Ød) |
|----------|---------------|---------------------|
| 4142-200 | 200x200x200mm | 9~70mm              |

## 90° TOOL MAKER SQUARES

- DIN875 grade 00
- Beveled edge for inside measurement
- Made of hardened stainless steel

| Code     | Size (LxW) | Squareness          |                     | C   | D   | H   |
|----------|------------|---------------------|---------------------|-----|-----|-----|
|          |            | Inside ( $\alpha$ ) | Outside ( $\beta$ ) |     |     |     |
| 4794-025 | 25x20mm    | $2.2\mu\text{m}$    | $2.3\mu\text{m}$    | 4   | 6.5 | 3.5 |
| 4794-040 | 40x28mm    | $2.3\mu\text{m}$    | $2.4\mu\text{m}$    | 5.5 | 8.5 | 3.5 |

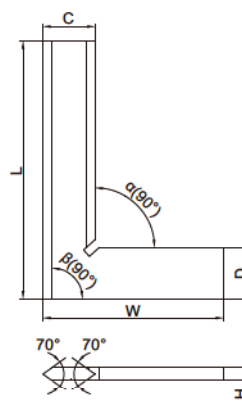
(mm)



4794-040

## 90° BEVELED EDGE SQUARES

- Satin chrome plating
- Beveled edges for inside and outside measurement
- Made of hardened stainless steel



4790-0100

DIN875 grade 00

(mm)

| Code      | Size (LxW) | Squareness          |                     | C  | D  | H |
|-----------|------------|---------------------|---------------------|----|----|---|
|           |            | Inside ( $\alpha$ ) | Outside ( $\beta$ ) |    |    |   |
| 4790-050  | 50x40mm    | $2.4\mu\text{m}$    | $2.5\mu\text{m}$    | 13 | 13 | 4 |
| 4790-075  | 75x50mm    | $2.6\mu\text{m}$    | $2.8\mu\text{m}$    | 15 | 15 | 4 |
| 4790-0100 | 100x70mm   | $2.8\mu\text{m}$    | $3.0\mu\text{m}$    | 20 | 20 | 5 |
| 4790-0150 | 150x100mm  | $3.2\mu\text{m}$    | $3.5\mu\text{m}$    | 30 | 30 | 6 |
| 4790-0200 | 200x130mm  | $3.7\mu\text{m}$    | $4.0\mu\text{m}$    | 34 | 34 | 7 |
| 4790-0250 | 250x165mm  | $4.2\mu\text{m}$    | $4.5\mu\text{m}$    | 35 | 35 | 7 |
| 4790-0300 | 300x200mm  | $4.6\mu\text{m}$    | $5.0\mu\text{m}$    | 40 | 40 | 8 |

DIN875 grade 0

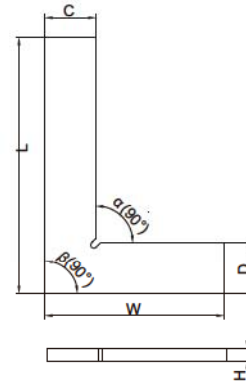
(mm)

| Code      | Size (LxW) | Squareness          |                     | C  | D  | H |
|-----------|------------|---------------------|---------------------|----|----|---|
|           |            | Inside ( $\alpha$ ) | Outside ( $\beta$ ) |    |    |   |
| 4790-500  | 50x40mm    | $6\mu\text{m}$      | $6\mu\text{m}$      | 13 | 13 | 4 |
| 4790-750  | 75x50mm    | $6\mu\text{m}$      | $7\mu\text{m}$      | 15 | 15 | 4 |
| 4790-1000 | 100x70mm   | $7\mu\text{m}$      | $7\mu\text{m}$      | 20 | 20 | 5 |
| 4790-1500 | 150x100mm  | $7\mu\text{m}$      | $8\mu\text{m}$      | 30 | 30 | 6 |
| 4790-2000 | 200x130mm  | $8\mu\text{m}$      | $9\mu\text{m}$      | 34 | 34 | 7 |
| 4790-2500 | 250x165mm  | $9\mu\text{m}$      | $10\mu\text{m}$     | 35 | 35 | 7 |
| 4790-3000 | 300x200mm  | $10\mu\text{m}$     | $11\mu\text{m}$     | 40 | 40 | 8 |

### 90° FLAT EDGE SQUARES

- DIN875 grade 0
- Made of hardened stainless steel

| Code     | Size (LxW) | Squareness          |                     | C  | D  | H |
|----------|------------|---------------------|---------------------|----|----|---|
|          |            | Inside ( $\alpha$ ) | Outside ( $\beta$ ) |    |    |   |
| 4791-50  | 50x40mm    | 6 $\mu$ m           | 6 $\mu$ m           | 15 | 15 | 4 |
| 4791-75  | 75x50mm    | 6 $\mu$ m           | 7 $\mu$ m           | 15 | 15 | 4 |
| 4791-100 | 100x70mm   | 7 $\mu$ m           | 7 $\mu$ m           | 20 | 20 | 5 |
| 4791-150 | 150x100mm  | 7 $\mu$ m           | 8 $\mu$ m           | 30 | 30 | 6 |
| 4791-200 | 200x130mm  | 8 $\mu$ m           | 9 $\mu$ m           | 30 | 30 | 7 |
| 4791-250 | 250x165mm  | 9 $\mu$ m           | 10 $\mu$ m          | 35 | 35 | 7 |
| 4791-300 | 300x200mm  | 10 $\mu$ m          | 11 $\mu$ m          | 40 | 40 | 8 |

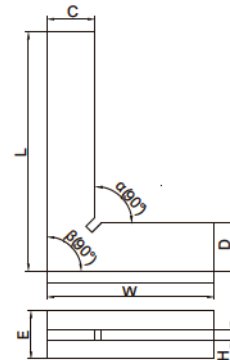


4791-100

### 90° FLAT EDGE SQUARES WITH WIDE BASE

- DIN875 grade 0
- Made of hardened stainless steel

| Code     | Size (LxW) | Squareness          |                     | C  | D  | H | E  |
|----------|------------|---------------------|---------------------|----|----|---|----|
|          |            | Inside ( $\alpha$ ) | Outside ( $\beta$ ) |    |    |   |    |
| 4793-50  | 50x40mm    | 6 $\mu$ m           | 6 $\mu$ m           | 13 | 13 | 4 | 13 |
| 4793-75  | 75x50mm    | 6 $\mu$ m           | 7 $\mu$ m           | 15 | 15 | 4 | 15 |
| 4793-100 | 100x70mm   | 7 $\mu$ m           | 7 $\mu$ m           | 20 | 20 | 5 | 20 |
| 4793-150 | 150x100mm  | 7 $\mu$ m           | 8 $\mu$ m           | 30 | 30 | 6 | 30 |
| 4793-200 | 200x130mm  | 8 $\mu$ m           | 9 $\mu$ m           | 30 | 30 | 7 | 30 |
| 4793-250 | 250x165mm  | 9 $\mu$ m           | 10 $\mu$ m          | 35 | 35 | 7 | 35 |
| 4793-300 | 300x200mm  | 10 $\mu$ m          | 11 $\mu$ m          | 40 | 40 | 8 | 40 |

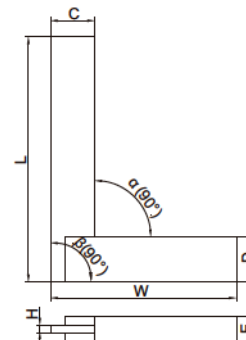


4793-100

### 90° FLAT EDGE SQUARES WITH WIDE BASE

- DIN875 grade 0
- Made of hardened stainless steel

| Code     | Size (LxW) | Squareness          |                     | C  | D  | H | E  |
|----------|------------|---------------------|---------------------|----|----|---|----|
|          |            | Inside ( $\alpha$ ) | Outside ( $\beta$ ) |    |    |   |    |
| 4792-50  | 50x40mm    | 6 $\mu$ m           | 6 $\mu$ m           | 12 | 12 | 3 | 10 |
| 4792-75  | 75x50mm    | 6 $\mu$ m           | 7 $\mu$ m           | 14 | 14 | 3 | 10 |
| 4792-100 | 100x70mm   | 7 $\mu$ m           | 7 $\mu$ m           | 18 | 18 | 3 | 10 |
| 4792-150 | 150x100mm  | 8 $\mu$ m           | 8 $\mu$ m           | 22 | 22 | 4 | 12 |
| 4792-200 | 200x130mm  | 9 $\mu$ m           | 9 $\mu$ m           | 25 | 25 | 4 | 12 |

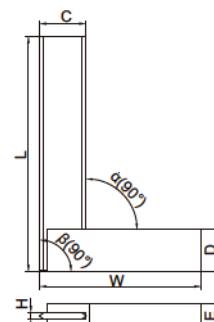


4792-100

### 90° BEVELED EDGE SQUARES WITH WIDE BASE

- DIN875 grade 0
- Beveled edges for inside and outside measurement
- Made of hardened stainless steel

| Code     | Size (LxW) | Squareness          |                     | C  | D  | H | E  |
|----------|------------|---------------------|---------------------|----|----|---|----|
|          |            | Inside ( $\alpha$ ) | Outside ( $\beta$ ) |    |    |   |    |
| 4795-50  | 50x40mm    | 6 $\mu$ m           | 6 $\mu$ m           | 12 | 12 | 3 | 10 |
| 4795-75  | 75x50mm    | 6 $\mu$ m           | 7 $\mu$ m           | 14 | 14 | 3 | 10 |
| 4795-100 | 100x70mm   | 7 $\mu$ m           | 7 $\mu$ m           | 18 | 18 | 3 | 10 |
| 4795-150 | 150x100mm  | 8 $\mu$ m           | 8 $\mu$ m           | 22 | 22 | 4 | 12 |
| 4795-200 | 200x130mm  | 9 $\mu$ m           | 9 $\mu$ m           | 25 | 25 | 4 | 12 |

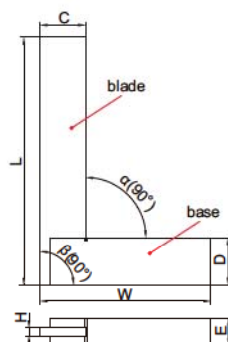


4795-100

## MACHINIST SQUARES WITH WIDE BASE

ATTENTION:  
LOW ACCURACY

4707-100



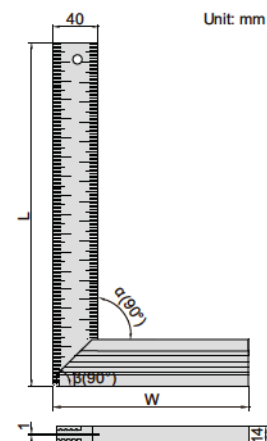
- Economic model
- DIN875 grade 2
- Made of carbon steel, no anti-rust treatment, not hardened

| Code      | Size (LxW) | Squareness |             | (mm) |    |   |    |
|-----------|------------|------------|-------------|------|----|---|----|
|           |            | Inside (α) | Outside (β) | C    | D  | H | E  |
| 4707-50   | 50x40mm    | 24μm       | 25μm        | 16   | 12 | 3 | 9  |
| 4707-75   | 75x50mm    | 26μm       | 28μm        | 16   | 16 | 3 | 9  |
| 4707-100  | 100x70mm   | 28μm       | 30μm        | 19   | 19 | 3 | 12 |
| 4707-150  | 150x100mm  | 33μm       | 35μm        | 25   | 25 | 3 | 16 |
| 4707-200  | 200x130mm  | 37μm       | 40μm        | 30   | 32 | 4 | 16 |
| 4707-250  | 250x165mm  | 42μm       | 45μm        | 30   | 32 | 4 | 19 |
| 4707-300  | 300x200mm  | 47μm       | 50μm        | 32   | 32 | 4 | 19 |
| 4707-400  | 400x250mm  | 56μm       | 60μm        | 38   | 38 | 5 | 22 |
| 4707-500  | 500x300mm  | 65μm       | 70μm        | 45   | 50 | 6 | 25 |
| 4707-600  | 600x350mm  | 75μm       | 80μm        | 50   | 50 | 6 | 30 |
| 4707-750  | 750x400mm  | 90μm       | 95μm        | 55   | 55 | 6 | 50 |
| 4707-900  | 900x500mm  | 103μm      | 110μm       | 65   | 75 | 9 | 50 |
| 4707-1000 | 1000x550mm | 113μm      | 120μm       | 65   | 75 | 9 | 50 |

## TRY SQUARE

- Graduation: 1mm
- Stainless steel blade, aluminum base

2275-300

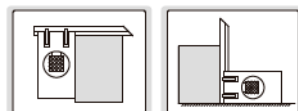


| Code     | Size (LxW) | Squareness |             |
|----------|------------|------------|-------------|
|          |            | Inside (α) | Outside (β) |
| 2275-300 | 300x170mm  | 0.5mm      | 0.5mm       |

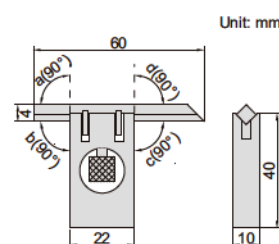
## ADJUSTABLE SQUARE

- The straight edge can move and can be locked by the clamping screw
- Made of hardened stainless steel

| Code   | Squareness (a, b, c, d) |
|--------|-------------------------|
| 4701-1 | 7μm                     |



4701-1



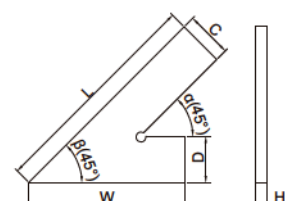
## 45° SQUARES

- Made of hardened stainless steel

| Code      | Size (LxW) | Accuracy   |             | (mm) |    |   |
|-----------|------------|------------|-------------|------|----|---|
|           |            | Inside (α) | Outside (β) | C    | D  | H |
| 4745-1100 | 100x70mm   | 27μm       | 30μm        | 20   | 20 | 5 |
| 4745-1120 | 120x80mm   | 29μm       | 32μm        | 20   | 20 | 5 |
| 4745-1150 | 150x100mm  | 32μm       | 35μm        | 20   | 20 | 5 |
| 4745-1200 | 200x130mm  | 36μm       | 40μm        | 25   | 25 | 5 |



4745-1100

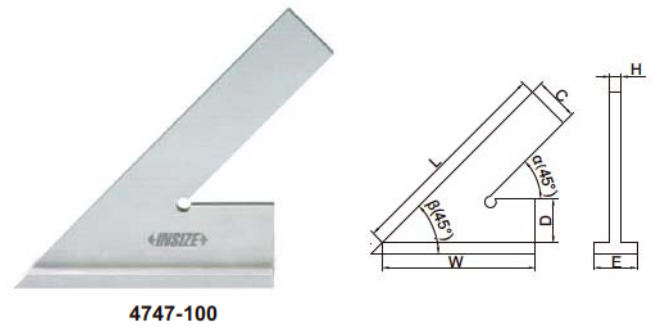




### 45° SQUARES WITH WIDE BASE

- Made of hardened stainless steel

| Code     | Size (LxW) | Accuracy            |                     | C  | D  | H | E  |
|----------|------------|---------------------|---------------------|----|----|---|----|
|          |            | Inside ( $\alpha$ ) | Outside ( $\beta$ ) |    |    |   |    |
| 4747-100 | 100x70mm   | 27 $\mu$ m          | 31 $\mu$ m          | 20 | 20 | 5 | 20 |
| 4747-120 | 120x80mm   | 29 $\mu$ m          | 33 $\mu$ m          | 20 | 20 | 5 | 20 |
| 4747-150 | 150x100mm  | 32 $\mu$ m          | 36 $\mu$ m          | 20 | 20 | 5 | 20 |
| 4747-200 | 200x130mm  | 36 $\mu$ m          | 41 $\mu$ m          | 25 | 25 | 5 | 25 |

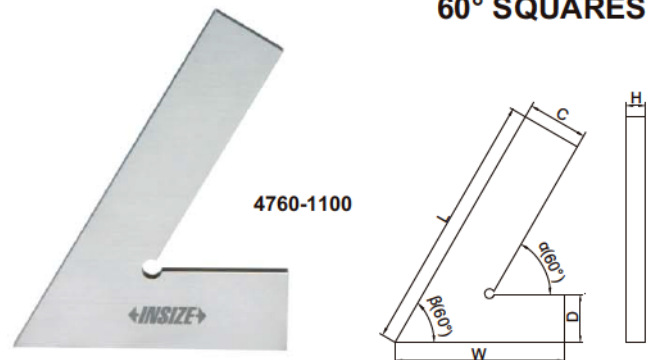


4747-100

### 60° SQUARES

- Made of hardened stainless steel

| Code      | Size (LxW) | Accuracy            |                     | C  | D  | H |
|-----------|------------|---------------------|---------------------|----|----|---|
|           |            | Inside ( $\alpha$ ) | Outside ( $\beta$ ) |    |    |   |
| 4760-1100 | 100x70mm   | 28 $\mu$ m          | 30 $\mu$ m          | 20 | 20 | 5 |
| 4760-1120 | 120x80mm   | 30 $\mu$ m          | 32 $\mu$ m          | 20 | 20 | 5 |
| 4760-1150 | 150x100mm  | 32 $\mu$ m          | 35 $\mu$ m          | 20 | 20 | 5 |
| 4760-1200 | 200x130mm  | 37 $\mu$ m          | 40 $\mu$ m          | 25 | 25 | 5 |

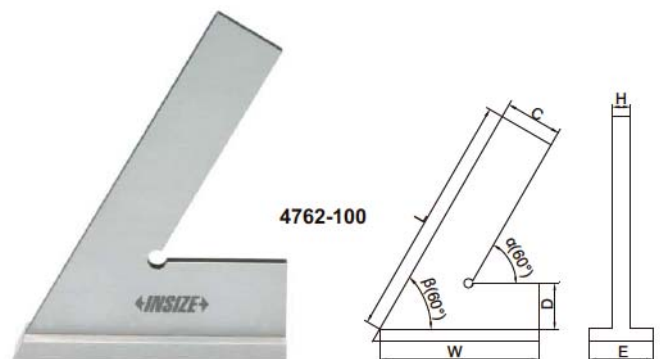


4760-1100

### 60° SQUARES WITH WIDE BASE

- Made of hardened stainless steel

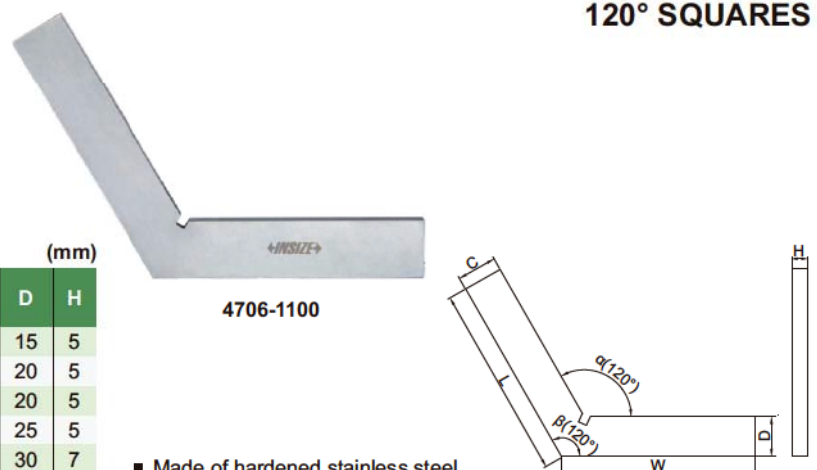
| Code     | Size (LxW) | Accuracy            |                     | C  | D  | H | E  |
|----------|------------|---------------------|---------------------|----|----|---|----|
|          |            | Inside ( $\alpha$ ) | Outside ( $\beta$ ) |    |    |   |    |
| 4762-100 | 100x70mm   | 28 $\mu$ m          | 31 $\mu$ m          | 20 | 20 | 5 | 20 |
| 4762-120 | 120x80mm   | 30 $\mu$ m          | 33 $\mu$ m          | 20 | 20 | 5 | 20 |
| 4762-150 | 150x100mm  | 33 $\mu$ m          | 36 $\mu$ m          | 20 | 20 | 5 | 20 |
| 4762-200 | 200x130mm  | 37 $\mu$ m          | 41 $\mu$ m          | 25 | 25 | 5 | 25 |



4762-100

### 120° SQUARES

| Code      | Size (LxW) | Accuracy            |                     | C  | D  | H |
|-----------|------------|---------------------|---------------------|----|----|---|
|           |            | Inside ( $\alpha$ ) | Outside ( $\beta$ ) |    |    |   |
| 4706-150  | 50x50mm    | 24 $\mu$ m          | 25 $\mu$ m          | 15 | 15 | 5 |
| 4706-175  | 75x75mm    | 26 $\mu$ m          | 28 $\mu$ m          | 20 | 20 | 5 |
| 4706-1100 | 100x100mm  | 29 $\mu$ m          | 30 $\mu$ m          | 20 | 20 | 5 |
| 4706-1150 | 150x150mm  | 34 $\mu$ m          | 35 $\mu$ m          | 25 | 25 | 5 |
| 4706-1200 | 200x200mm  | 38 $\mu$ m          | 40 $\mu$ m          | 30 | 30 | 7 |

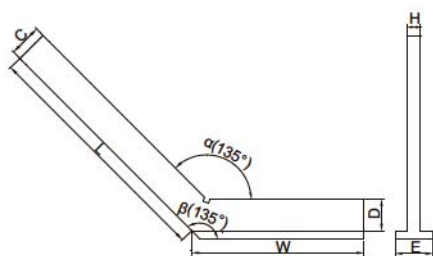


4706-1100

- Made of hardened stainless steel



## 135° SQUARES WITH WIDE BASE



(mm)

| Code      | Size (LxW) | Accuracy   |             | C  | D  | H | E  |
|-----------|------------|------------|-------------|----|----|---|----|
|           |            | Inside (α) | Outside (β) |    |    |   |    |
| 4754-3100 | 100x70mm   | 29μm       | 31μm        | 20 | 20 | 5 | 20 |
| 4754-3120 | 120x80mm   | 31μm       | 33μm        | 20 | 20 | 5 | 20 |
| 4754-3150 | 150x100mm  | 34μm       | 36μm        | 20 | 20 | 5 | 20 |
| 4754-3200 | 200x130mm  | 39μm       | 41μm        | 30 | 30 | 7 | 30 |
| 4754-3250 | 250x165mm  | 44μm       | 46μm        | 30 | 30 | 7 | 30 |
| 4754-3300 | 300x175mm  | 49μm       | 51μm        | 35 | 35 | 7 | 35 |



4754-3120

■ Made of hardened stainless steel

## STRAIGHT EDGES



4700-100

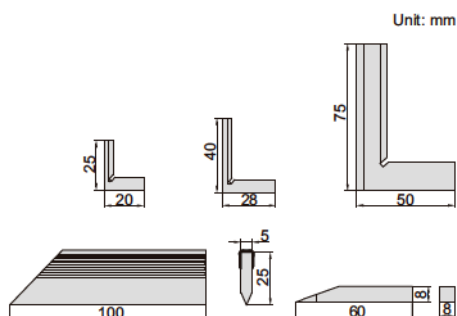
- DIN874
- Beveled edge
- Made of hardened stainless steel
- Satin chrome plating

| Code     | Size (L) | Straightness | W  | H  |
|----------|----------|--------------|----|----|
| 4700-50  | 50mm     | 2.2μm        | 5  | 20 |
| 4700-75  | 75mm     | 2.3μm        | 5  | 25 |
| 4700-100 | 100mm    | 2.4μm        | 5  | 25 |
| 4700-125 | 125mm    | 2.5μm        | 6  | 30 |
| 4700-150 | 150mm    | 2.6μm        | 6  | 30 |
| 4700-200 | 200mm    | 2.8μm        | 6  | 30 |
| 4700-250 | 250mm    | 3.0μm        | 8  | 40 |
| 4700-300 | 300mm    | 3.2μm        | 8  | 40 |
| 4700-400 | 400mm    | 3.6μm        | 10 | 50 |
| 4700-500 | 500mm    | 4.0μm        | 10 | 50 |

## SQUARE SET

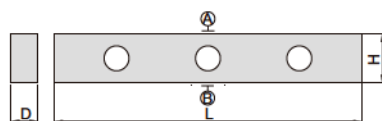
- Includes:
  - 90° tool maker square 25x20mm DIN875 grade 00 (code 4794-025)
  - 90° tool maker square 40x28mm DIN875 grade 00 (code 4794-040)
  - 90° beveled edge square 75x50mm DIN875 grade 00 (code 4790-075)
  - straight edge 100mm DIN874 (code 4700-100)
  - scraper

- Made of hardened stainless steel



4702-1

## GRANITE STRAIGHT EDGES



(mm)

| Code       | Length (L) | Flatness of A and B | Parallelism between A and B | D  | H   |
|------------|------------|---------------------|-----------------------------|----|-----|
| 4147-500A  | 500mm      | 2.1μm               | 3.2μm                       | 50 | 80  |
| 4147-1000A | 1000mm     | 3μm                 | 4.5μm                       | 60 | 120 |



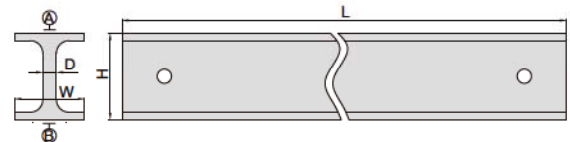
4147-500A

## MAGNALIUM STRAIGHT EDGES



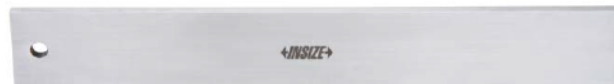
4180-500

- Made of magnalium, light weight, non-deform, no rusty



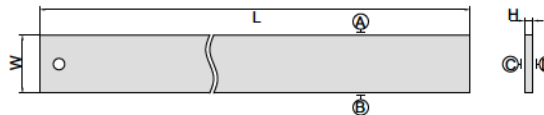
| Code      | Length (L) | Flatness of A and B | Parallelism between A and B | H     | W    | D   |
|-----------|------------|---------------------|-----------------------------|-------|------|-----|
| 4180-500  | 500mm      | 3μm                 | 4μm                         | 60mm  | 30mm | 5mm |
| 4180-1000 | 1000mm     | 5μm                 | 8μm                         | 60mm  | 30mm | 5mm |
| 4180-1500 | 1500mm     | 15μm                | 22μm                        | 100mm | 40mm | 5mm |
| 4180-2000 | 2000mm     | 18μm                | 27μm                        | 100mm | 40mm | 8mm |

## PRECISION STRAIGHT EDGES



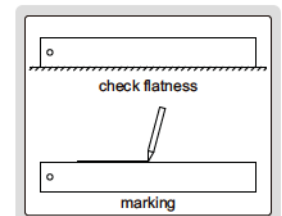
7117-300

- Check flatness, straightness and for marking
- Made of tool steel



(mm)

| Code     | Range (L) | Straightness of A and B | Straightness of C and D | W  | H   |
|----------|-----------|-------------------------|-------------------------|----|-----|
| 7117-300 | 305       | 0.005                   | 0.05                    | 41 | 6.3 |
| 7117-600 | 610       | 0.006                   | 0.06                    | 51 | 7.9 |
| 7117-900 | 914       | 0.007                   | 0.06                    | 64 | 9.5 |

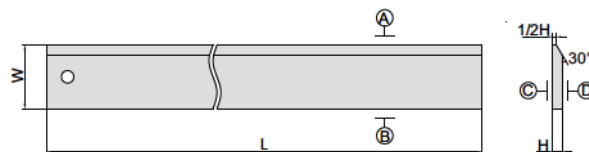


## PRECISION STRAIGHT EDGES WITH BEVELED EDGE



7118-300

- Check flatness, straightness and for marking
- Made of tool steel



(mm)

| Code     | Range (L) | Straightness of A and B | Straightness of C and D | W  | H   |
|----------|-----------|-------------------------|-------------------------|----|-----|
| 7118-300 | 305       | 0.005                   | 0.05                    | 41 | 6.3 |
| 7118-600 | 610       | 0.006                   | 0.06                    | 51 | 7.9 |
| 7118-900 | 914       | 0.007                   | 0.06                    | 64 | 9.5 |

