



FOR MORE INFORMATION PLEASE VISIT OUR WEBSITE

www.kvsengineer.com

(click the link to direct to the site)

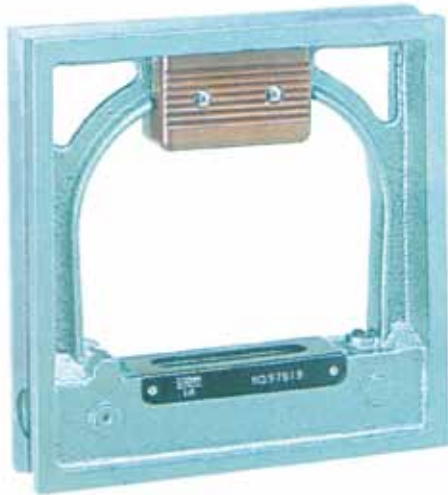
02-214-0101

ระดับน้ำตั้งเครื่องแบบสี่เหลี่ยม

■ Precision Square Level

- * Made of high quality cast iron, measuring surfaces are lapped finish.
- * All levels are packed in wooden cases.

Unit : mm



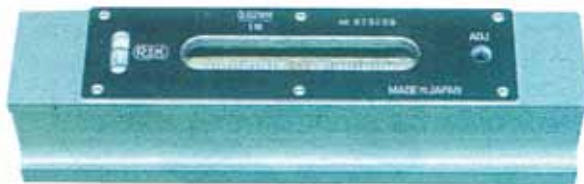
Code No.	Size	Sensitivity (Per 1 ^m)	Parallelness and Squaareness
541-1002	100	0.02 ^{mm} /4Sec	0.01
541-1005	100	0.05 ^{mm} /10Sec	0.01
541-1001	100	0.1 ^{mm} /20Sec	0.01
541-1502	150	0.02 ^{mm} /4Sec	0.01
541-1505	150	0.05 ^{mm} /10Sec	0.01
541-1501	150	0.1 ^{mm} /20Sec	0.01
541-2002	200	0.02 ^{mm} /4Sec	0.01
541-2005	200	0.05 ^{mm} /10Sec	0.01
541-2001	200	0.1 ^{mm} /20Sec	0.01
541-2502	250	0.02 ^{mm} /4Sec	0.01
541-2505	250	0.05 ^{mm} /10Sec	0.01
541-2501	250	0.1 ^{mm} /20Sec	0.01
541-3002	300	0.02 ^{mm} /4Sec	0.01
541-3005	300	0.05 ^{mm} /10Sec	0.01
541-3001	300	0.1 ^{mm} /20Sec	0.01

ระดับน้ำตั้งเครื่องแบบยาว

■ Precision Flat Level

- * Made of high quality cast iron, measuring surfaces are lapped finish.
- * All levels are packed in wooden cases.

Unit : mm



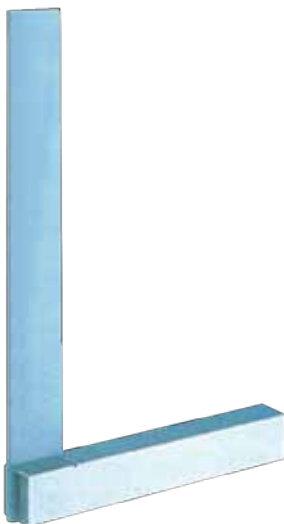
Code No.	Size	Sensitivity (Per 1 ^m)	V-Groove: Flate Face
542-1502	150	0.02 ^{mm} /4Sec	0.01
542-1505	150	0.05 ^{mm} /10Sec	0.01
542-1501	150	0.1 ^{mm} /20Sec	0.01
542-2002	200	0.02 ^{mm} /4Sec	0.01
542-2005	200	0.05 ^{mm} /10Sec	0.01
542-2001	200	0.1 ^{mm} /20Sec	0.01
542-2502	250	0.02 ^{mm} /4Sec	0.01
542-2505	250	0.05 ^{mm} /10Sec	0.01
542-2501	250	0.1 ^{mm} /20Sec	0.01
542-3002	300	0.02 ^{mm} /4Sec	0.01
542-3005	300	0.05 ^{mm} /10Sec	0.01
542-3001	300	0.1 ^{mm} /20Sec	0.01

ฉากช่างกลึงแบบมีฐาน

■ Precision Square With Base

- * Made of special carbon tool steel and measuring surfaces are lapped finish.
- * Un-Hardened

Unit : mm



Code No.	Nominal Dimension	Overall Length of Long piece	Overall Length of Base Plate	Width of Long piece	Thickness of Long piece	Width of Base plate	Thickness of Base plate	Squareness (±)
546-0050C2	50	50	40	14	2	13	10	0.026
546-0075C2	75	75	50	16	2	15	13	0.028
546-0100C2	100	100	70	20	2.5	18	15	0.03
546-0150C2	150	150	100	24	3	22	18	0.036
546-0200C2	200	200	130	29	3.5	26	22	0.04
546-0250C2	250	250	165	30	4	26	22	0.044
546-0300C2	300	300	200	35	4	32	27	0.05
546-0400C2	400	400	204	40	5	40	30	0.06
546-0450C2	450	450	280	45	5	40	30	0.066
546-0500C2	500	500	300	46	5	45	35	0.07
546-0600C2	600	600	325	50	6	55	35	0.08

ฉากข้างกลึงแบบเรียบ

■ Flat-Type Square

* Made of special carbon tool steel and measuring surface are lapped finish.

* Un-Hardened

Unit : mm



Code No.	Nominal Dimension	Overall Length of Long piece	Overall Length of Base Plate	Width	Thickness	Squereness (±)
547-00502	50	50	40	15	3	0.026
547-00752	75	75	50	18	3	0.028
547-01002	100	100	70	20	4	0.03
547-01502	150	150	100	25	5	0.036
547-02002	200	200	130	25	6	0.04
547-02502	250	250	165	30	6	0.044
547-03002	300	300	200	30	6	0.05
547-04002	400	400	204	40	8	0.06
547-04502	450	450	280	40	8	0.066
547-05002	500	500	300	40	8	0.07
547-06002	600	600	325	50	10	0.08

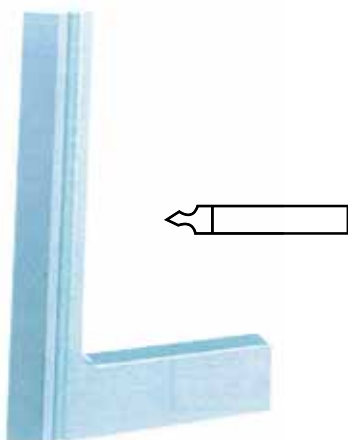
ฉากข้างกลึงแบบคมมีด

■ Knife Edged Standard Square

* Made of special carbon tool steel and measuring surface are lapped finish.

* Hardened to HS65 or more.

Unit : mm



Code No.	Nominal Dimension	Overall Length of Long piece	Overall Length of Base Plate	Width	Thickness	Squereness (±)
550-050	50	50	40	12	8	0.0025
550-075	75	75	50	16	10	0.0028
550-100	100	100	70	20	12	0.003
550-150	150	150	100	24	14	0.0035
550-200	200	200	130	29	16	0.004
550-250	250	250	165	32	16	0.0045
550-300	300	300	200	35	20	0.005

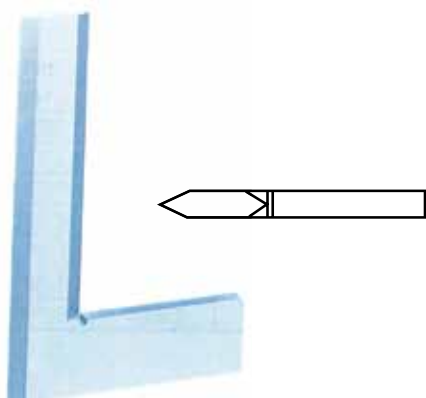
ฉากข้างกลึงแบบคมมีด

■ Both Knife Type Square

* Made of special carbon tool steel and measuring surfaces are lapped finish.

* Hardened to HS65 or more.

Unit : mm



Code No.	Nominal Dimension	Overall Length of Long piece	Overall Length of Base Plate	Width	Thickness	Squereness (±)
550-0503	50	50	40	15	4	0.0025
550-0753	75	75	50	20	5	0.0028
550-1003	100	100	70	25	6	0.003
550-1503	150	150	100	30	8	0.0035
550-2003	200	200	130	35	10	0.004
550-2503	250	250	165	35	10	0.0045
550-3003	300	300	200	40	15	0.005

บรรทัดขนาน

■ Steel Straight Edge



STANDARD TYPE

- * Made of steel.
- * Also used in the inspection of the straightness of simple flat plates.
- * Un-Hardened



B-TYPE

Unit : mm

Code No.	Nominal Dimension	Length	Width	Thickness	Bevel edge Thickness	Straightness
555-0150	150	150	24	3		0.013
555-0200	200	200	24	3		0.014
555-0250	250	250	30	4		0.015
555-0300	300	300	35	5		0.016
555-0450	450	450	40	5		0.019
555-0500	500	500	40	5		0.020
555-0600	600	600	40	5		0.022
555-0750	750	750	50	6		0.025
555-1000	1000	1000	50	6		0.030
555-1500	1500	1500	75	6		0.040
555-2000	2000	2000	85	8		0.050
555-0150B	150	150	24	3	1	0.013
555-0200B	200	200	24	3	1	0.014
555-0250B	250	250	30	4	2	0.015
555-0300B	300	300	35	5	2	0.016
555-0450B	450	450	40	5	2	0.019
555-0500B	500	500	40	5	2	0.020
555-0600B	600	600	40	5	2	0.022
555-0750B	750	750	50	6	2	0.025
555-1000B	1000	1000	50	6	2	0.030
555-1500B	1500	1500	75	6	2	0.040
555-2000B	2000	2000	85	8	2.5	0.050

บรรทัดขนานแบบคมมีด

■ Knife-Type Straight Edge

- * Made of finely seasoned carbon tool steel and ground finish.
- * These straight edge are used for testing flat surfaces, where great accuracy is required.



Hardened to HS65 or more

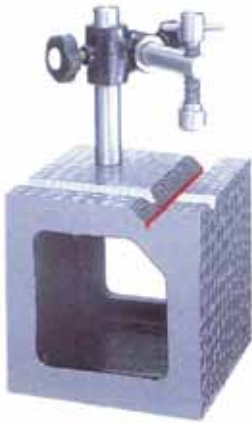
Unit : mm

Code No.	Nominal Size	Length	Width	Straightness
552-080	80	80	24	0.0013
552-100	100	100	24	0.0014
552-125	125	125	24	0.0015
552-150	150	150	24	0.0016
552-200	200	200	30	0.0018
552-250	250	250	30	0.0020
552-300	300	300	32	0.0022
552-400	400	400	35	0.0026
552-500	500	500	40	0.0030

* ยกเลิกการผลิต Discontinued Item

■ Open Box V-Groove with Clamp

Unit : mm

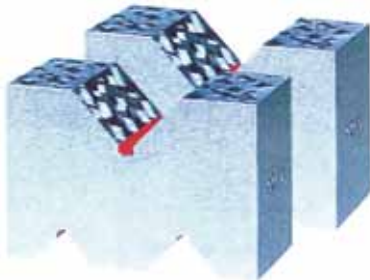


- * Made of high quality cast iron.
- * Also available is a fit finished product.
- * Un-Hardened
- * A : Class-A
- * B : Class-B

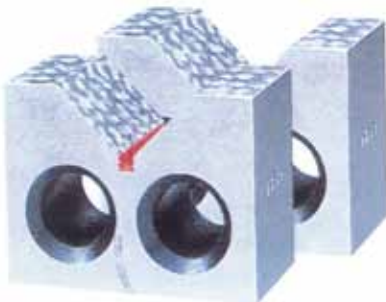
Code No.	Nominal Size	Length	Width	Squareness Parallelness
559-100A	100	100	13	0.007
559-125A	125	125	16	0.0075
559-150A	150	150	18	0.008
559-200A	200	200	25	0.009
559-250A	250	250	32	0.010
559-300A	300	300	38	0.011
559-100B	100	100	13	0.014
559-125B	125	125	16	0.015
559-150B	150	150	18	0.016
559-200B	200	200	25	0.018
559-250B	250	250	32	0.020
559-300B	300	300	38	0.022

วี-บล็อก

■ Cast Iron V Block



A-Type



B-Type

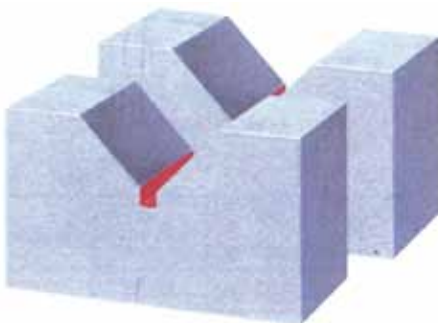
- * Made of high quality cast iron.
- * Also available is a fit finished product 2pcs./1 set
- * A-type: The one having three 90° V-flutes of different size.
- * B-type: The one having one 90° V-flute.
- * Flatness of the base and V-surface : 0.01^{mm}
- * Parallelness of the base plate and V-tap line : 0.01^{mm}
- * Un-Hardened

Unit : mm

Code No.	Nominal Size	Length	hight	Thickness
557-050A	50	50	32	22
557-075A	75	75	38	25
557-100A	100	100	58	35
557-125A	125	125	80	50
557-150A	150	150	90	60
557-200A	200	200	140	90
557-050B	50	50	38	24
557-075B	75	75	60	32
557-100B	100	100	68	40
557-125B	125	125	80	50
557-150B	150	150	90	65
557-200B	200	200	140	100

วี-บล็อก

■ Precision Steel V Block



- * Made of finely seasoned carbon tool steel and ground finish.
- * Also available is a ground finished product 2pcs./1 set
- * The one having one 90° V-flutes.
- * Flatness of the base and V-surfaced : 0.005^{mm}
- * Parallelness of the base plate and V-tap line : 0.005^{mm}
- * Un-Hardened

Unit : mm

Code No.	Nominal Size	Length	hight	Thickness
558-038	38	38	24	19
558-050	50	50	28	22
558-065	65	65	40	25
558-075	75	75	50	35
558-100	100	100	60	38
558-125	125	125	70	45
558-150	150	150	90	60

■ Bench Center



- * Made of high quality cast iron and ground finished.
 - * This inspection instrument has a wide range of applications, including for example measuring deflection of machine tools, arbors, gears, etc., and checking roundness of different parts.
- Note : Dial Gauge is not included.

Unit : mm

Code No.	Model	Bed Length	Bed Width	Bed Height	Center Distance	Swing	Parallelness Flatness
562-1	N 0-1	750	115	130	400	150	0.005
562-2	N 0-2	1200	160	230	800	240	0.008
562-3	N 0-3	1800	200	300	1200	300	0.01

(ราคาไม่รวมไดอัลเกจ This Price without dial gauge)

■ Bench Center



- * Made of high quality cast iron and ground finished.
 - * This inspection instrument has a wide range of applications, including for example measuring deflection of machine tools, arbors, gears, etc., and checking roundness of different parts.
- Note : Dial Gauge is not included.

Unit : mm

Code No.	Model	Bed Length	Bed Width	Bed Height	Center Distance	Swing	Parallelness Flatness
563-P 1	P-1	380	82	64	150	110	0.005
563-P 2	P-2	420	82	75	200	110	0.005
563-P 3	P-3	530	82	90	300	110	0.005

(ราคาไม่รวมไดอัลเกจ This Price without dial gauge)

ฉากองศาวัดระดับ

■ Universal Bevel Protractor



495D Model

- * A precision protractor variable to fit all angle, its scale can be read to the minimum of 5mm by use of a vernier, and is magnified by an attached magnifying lens to become more surely to read.
- * Blade : 150mm, 300mm



496G Model

- * This type is also attached with a magnifying lens in the similar way to No. 495 Model one.
- * Its minimum reading is 5mm, and it is attached with an attachment for reading an actual angle.
- * Blade : 150mm, 300mm

ฉากผสม

■ Combination Set



- * Set of protractor (0-180°), square head, center head, and rule.

Unit : mm

Code No.	Scale Length	Scale Graduations	Protractor
589-300IN	300mm x 12 inch	1mm x 1/32 inch	0-180°