

I Beam Type Highest Grade Straight Edge

Stock No.553

Traceability



- This is essential to measure flatness, parallelism and squareness.
- They are either hardened or unhardened.
- This is classified into either class A or B.

Unit = mm

	Code #	Nominal Size	Length	Width	Thickness	Straightness (µm)	Net Weight (kg)
Class A (Hardened)	553-0500Q	500	500	50	10	7.0	1.5
	553-0750Q	750	750	50	10	9.5	3.2
	553-1000Q	1,000	1,000	60	12	12.0	5.0
	553-1500Q	1,500	1,500	70	15	17.0	8.5
	553-2000Q	2,000	2,000	90	18	22.0	18.5
	553-2500Q	2,500	2,500	100	18	27.0	25.0
	553-3000Q	3,000	3,000	120	22	32.0	44.0
	553-3500Q	3,500	3,500	130	22	37.0	55.0
	553-4000Q	4,000	4,000	140	25	42.0	75.0
Class A (Not Hardened)	553-0500A	500	500	50	10	7.0	1.5
	553-0750A	750	750	50	10	9.5	3.2
	553-1000A	1,000	1,000	60	12	12.0	5.0
	553-1500A	1,500	2,500	70	15	17.0	8.5
	553-2000A	2,000	2,000	90	18	22.0	18.5
	553-2500A	2,500	2,500	100	18	27.0	25.0
	553-3000A	3,000	3,000	120	22	32.0	44.0
	553-3500A	3,500	3500	130	22	37.0	55.0
	553-4000A	4,000	4,000	140	25	42.0	75.0
Class B (Not Hardened)	553-0500B	500	500	50	10	20.0	1.5
	553-0750B	750	750	50	10	25.0	3.2
	553-1000B	1,000	1,000	60	12	30.0	5.0
	553-1500B	1,500	1,500	70	15	40.0	8.5
	553-2000B	2,000	2,000	90	18	50.0	18.5
	553-2500B	2,500	2,500	100	18	60.0	25.0
	553-3000B	3,000	3,000	120	22	70.0	44.0
	553-3500B	3,500	3,500	130	22	80.0	55.0
	553-4000B	4,000	4,000	140	25	90.0	45.0

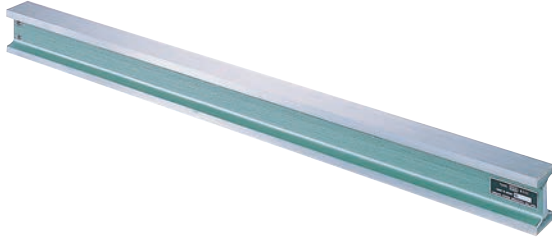


STRAIGHT EDGE

Wide-Type Highest Grade Straight Edge

Stock No.554A, 554B

Traceability



- This is good for checking parallelism tolerance and installing machines.
- They are either hardened or unhardened.
- This is classified into either class A or B.

Unit = mm

	Code #	Nominal Size	Length	Width	Thickness	Straightness (µm)	Net Weight (kg)
Class A (Hardened)	554-1000AQ	1,000	1,000	75	50	6.0	20
	554-1500AQ	1,500	1,500	90	50	8.0	37
	554-2000AQ	2,000	2,000	120	50	10.0	54
	554-2500AQ	2,500	2,500	140	50	12.0	78
	554-3000AQ	3,000	3,000	180	50	14.0	105
	554-4000AQ	4,000	4,000	200	50	18.0	165
Class A (Not Hardened)	554-1000A	1,000	1,000	75	50	6.0	20
	554-1500A	1,500	1,500	90	50	8.0	37
	554-2000A	2,000	2,000	120	50	10.0	54
	554-2500A	2,500	2,500	140	50	12.0	78
	554-3000A	3,000	3,000	180	50	14.0	105
	554-4000A	4,000	4,000	200	50	18.0	165
Class B (Hardened)	554-1000BQ	1,000	1,000	75	50	24.0	20
	554-1500BQ	1,500	1,500	90	50	34.0	37
	554-2000BQ	2,000	2,000	120	50	44.0	54
	554-2500BQ	2,500	2,500	140	50	54.0	78
	554-3000BQ	3,000	3,000	180	50	64.0	105
	554-4000BQ	4,000	4,000	200	50	84.0	165
Class B (Not Hardened)	554-1000B	1,000	1,000	75	50	24.0	20
	554-1500B	1,500	1,500	90	50	34.0	37
	554-2000B	2,000	2,000	120	50	44.0	54
	554-2500B	2,500	2,500	140	50	54.0	78
	554-3000B	3,000	3,000	180	50	64.0	105
	554-4000B	4,000	4,000	200	50	84.0	165



STRAIGHT EDGE

Precision Straight Edge I Type (JIS B7514)

Stock No.594 Traceability



Precision Straight Edge (JIS B7514)

Stock No.595 Traceability



Unit = mm

	Code #	Nominal Size (plain scale is plus 40mm)	Length	Width	Straightness (μm)	Squareness (μm)	Net Weight (kg)
Class A (Hardened)	594-0300AQ	300	50	10	3.0	30.0	20
	594-0500AQ	500	50	10	4.0	30.0	37
	594-1000AQ	1,000	60	12	6.0	40.0	54
	594-1500AQ	1,500	70	15	8.0	50.0	78
	594-2000AQ	2,000	90	20	10.0	60.0	105
	594-3000AQ	3,000	120	22	14.0	70.0	165
Class A (Not Hardened)	594-0300A	300	50	10	3.0	30.0	20
	594-0500A	500	50	10	4.0	30.0	37
	594-1000A	1,000	60	12	6.0	40.0	54
	594-1500A	1,500	70	15	8.0	50.0	78
	594-2000A	2,000	90	20	10.0	60.0	105
	594-3000A	3,000	120	22	14.0	70.0	165
Class B (Hardened)	594-0300BQ	300	50	10	10.0	100.0	20
	594-0500BQ	500	50	10	14.0	100.0	37
	594-1000BQ	1,000	60	12	24.0	150.0	54
	594-1500BQ	1,500	120	15	34.0	200.0	78
	594-2000BQ	2,000	90	20	44.0	250.0	105
	594-3000BQ	3,000	120	22	64.0	300.0	165
Class B (Not Hardened)	594-0300B	300	50	10	10.0	100.0	20
	594-0500B	500	50	10	14.0	100.0	37
	594-1000B	1,000	60	12	24.0	150.0	54
	594-1500B	1,500	70	15	34.0	200.0	78
	594-2000B	2,000	90	20	44.0	250.0	105
	594-3000B	3,000	120	22	64.0	300.0	165

- These are essential to measure flatness, parallelism and squareness.
- They are classified into either class A or B.
- They are either hardened or unhardened.
- This type of straight edge has added 40mm extra length.

Steel Straight Edge

Stock No.555B, 555S

Traceability

Bevel Type



Normal Type



- Good for marking.
- Accuracy on one of the measuring surface is guaranteed. (For bevel type, it is blade surface. For normal type it is A side.)
- They are either hardened or unhardened.

Bevel Type Straight Edge

Unit = mm

Code #	Norminal Size	Length	Width	Thickness	Bevel edge thickness	Net Weight (kg)	Straightness (μm)
555-0150B	150	150	25	3	1.0	0.08	13.0
555-0200B	200	200	25	3	1.0	0.1	14.0
555-0250B	250	250	30	4	2.0	0.3	15.0
555-0300B	300	300	35	5	2.0	0.4	16.0
555-0450B	450	450	40	5	2.0	0.7	19.0
555-0500B	500	500	40	5	2.0	0.8	20.0
555-0600B	600	600	40	5	2.0	0.9	22.0
555-0750B	750	750	50	6	2.0	1.6	25.0
555-1000B	1,000	1,000	50	6	2.0	2.5	30.0
555-1500B	1,500	1,500	75	6	2.0	5.5	40.0
555-2000B	2,000	2,000	85	8	2.5	10.5	50.0
555-2500B	2,500	2,500	90	10	2.5	18.0	60.0
555-3000B	3,000	3,000	100	10	3.0	23.5	70.0

Normal Type Straight Edge

Unit = mm

Code #	Nominal Size	Length	Width	Thickness	Net Weight (kg)	Straightness (μm)
555-0150	150	150	25	3.0	0.08	13.0
555-0200	200	200	25	3.0	0.11	14.0
555-0250	250	250	30	4.0	0.3	15.0
555-0300	300	300	35	5.0	0.4	16.0
555-0450	450	450	40	5.0	0.7	19.0
555-0500	500	500	40	5.0	0.8	20.0
555-0600	600	600	40	5.0	0.9	22.0
555-0750	750	750	50	6.0	1.7	25.0
555-1000	1,000	1,000	50	6.0	2.6	30.0
555-1500	1,500	1,500	75	6.0	5.8	40.0
555-2000	2,000	2,000	85	8.0	11.0	50.0
555-2500	2,500	2,500	90	10.0	19.0	60.0
555-3000	3,000	3,000	100	10.0	24.0	70.0

Standard Steel Straight Edge

Stock No.556

Traceability



- It suits for marking.
- They are either hardened or unhardened.

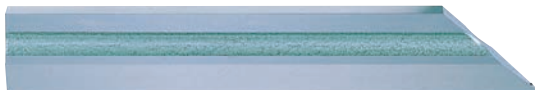
Unit = mm

Code #	Nominal Size	Length	Width	Thickness	Straightness (µm)	Net Weight (kg)
556-0500	500	500	50	10	7.0	2.0
556-0750	750	750	50	10	9.5	2.9
556-1000	1,000	1,000	60	12	12.0	5.7
556-1500	1,500	1,500	70	15	17.0	12.4
556-2000	2,000	2,000	80	18	22.0	22.6
556-2500	2,500	2,500	100	18	27.0	35.3
556-3000	3,000	3,000	120	22	32.0	62.2
556-0500Q	500	500	50	10	7.0	2.0
556-0750Q	750	750	50	10	9.5	2.9
556-1000Q	1,000	1,000	60	12	12.0	5.7
556-1500Q	1,500	1,500	70	15	17.0	12.4
556-2000Q	2,000	2,000	80	18	22.0	22.6
556-2500Q	2,500	2,500	100	18	27.0	35.3
556-3000Q	3,000	3,000	120	22	32.0	62.2

Knife-Type Straight Edge

Stock No.552

Traceability



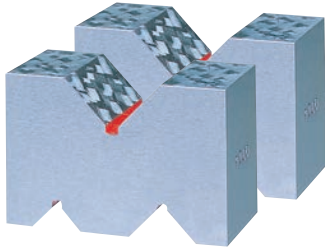
- Measuring surface is sharpened like a knife.
- This is for testing flat surface, when good accuracy is required.
- All size is hardened.

Unit = mm

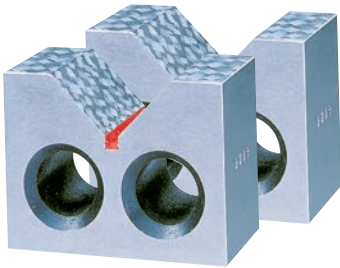
Code #	Nominal Size	Length	Width	Straightness (µm)	Net Weight (kg)
552-080	80	80	23	1.3	0.14
552-100	100	100	24	1.4	0.16
552-125	125	125	25	1.5	0.19
552-150	150	150	25	1.6	0.24
552-200	200	200	30	1.8	0.4
552-250	250	250	30	2.0	0.45
552-300	300	300	32	2.2	0.65
552-400	400	400	35	2.6	0.9
552-500	500	500	40	3.0	1.5
552-600	600	600	40	3.4	1.8

Cast Iron V Block

A-type Stock No. 557AA, 557A Traceability



B-type Stock No. 557BA, 557B Traceability



- Good for marking and fixture 1 set has 2 pieces.
- A-type: There are three V grooves.
- B-type: Thicker than A type but designed for weight saving.
- This is classified into either Normal class or A class.

Normal class :

Paralellness between base and V grooves 0.01mm

Squareness of each surface ± 0.01 mm

A class :

Paralellness between base and V grooves 0.005mm

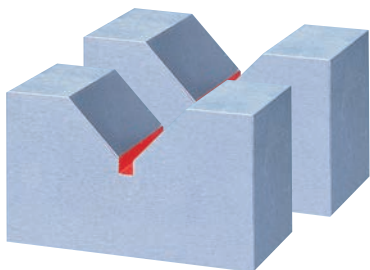
Squareness of each surface ± 0.005 mm

Unit = mm

	Code #	Nominal Size	Length	Height	Thickness	Net Weight (kg)
A-Type	557-050A	50	50	24	19	0.2
	557-075A	75	75	35	24	0.6
	557-100A	100	100	52	33	2.0
	557-125A	125	125	69	44	4.5
	557-150A	150	150	80	50	7.0
	557-200A	200	200	110	70	18.0
B-Type	557-050B	50	50	32	24	0.4
	557-075B	75	75	60	32	1.5
	557-100B	100	100	67	41	2.5
	557-125B	125	125	79	51	3.4
	557-150B	150	150	89	63	8.1
	557-200B	200	200	140	102	22.2

Precision Steel V Block

Stock No. 558AA, 558A Traceability



- Good for marking and fixture 1 set has 2 pieces.
- They are either hardened or unhardened.
- Paralellness between base and V grooves 0.005mm.
- Squareness of each surface ± 0.005 mm.

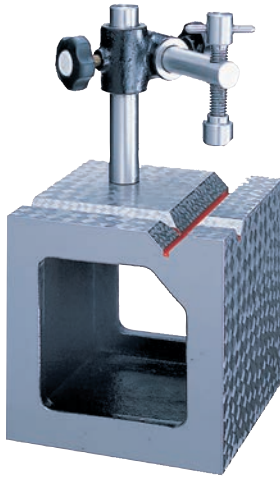
Unit = mm

	Code #	Nominal Size	Length	Height	Thickness	Net Weight (kg)
Not hardened	558-038	38	38	24	19	0.3
	558-050	50	50	28	22	0.53
	558-065	65	65	40	25	1.0
	558-075	75	75	50	35	1.9
	558-100	100	100	60	38	3.3
	558-125	125	125	70	45	6.0
	558-150	150	150	90	60	11.9
Hardened	558-038Q	38	38	24	19	0.3
	558-050Q	50	50	28	22	0.53
	558-065Q	65	65	40	25	1.0
	558-075Q	75	75	50	35	1.9
	558-100Q	100	100	60	38	3.3
	558-125Q	125	125	70	45	6.0
	558-150Q	150	150	90	60	11.9

Box V Block With Clamp

Stock No.559A, 559B

[Traceability](#)



- High accuracy of parallelism and squareness, due to the scraping surfaces.
- Put on cylinder on V groove and compress clamp.
- They are classified into either class A or B.

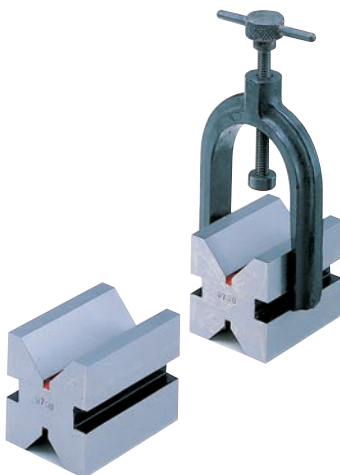
Unit = mm

	Code #	Nominal Size	Length	Thickness	Squareness Parallelness (μm)	Net Weight (kg)
Class A	559-100A	100	100	13	7	3.7
	559-125A	125	125	16	7.5	6.0
	559-150A	150	150	18	8	10.3
	559-200A	200	200	25	9	21.0
	559-250A	250	250	32	10	48.0
	559-300A	300	300	38	11	61.0
Class B	559-100B	100	100	13	14	3.7
	559-125B	125	125	16	15	6.0
	559-150B	150	150	18	16	10.3
	559-200B	200	200	25	18	21.0
	559-250B	250	250	32	20	48.0
	559-300B	300	300	38	± 30	61.0

Steel V Block With Clamp

Stock No.586

[Traceability](#)



- Good for fixture for centering, drilling and milling.
- Parallelness of the V groove is 0.01mm.
- Clamp is attached.
- All size is hardened.

Unit = mm

Code #	Nominal Size	Height	Width	Length	Net Weight (kg)
586-30	30	30	30	40	0.8
586-40	40	40	40	50	1.5
586-50	50	50	50	60	3.0
586-60	60	60	60	70	4.5



DIAL COMPARETOR

Dial Comparator

Stock No.561

Traceability



561-PH3



561-PH2



561-U



561-US



561-PH3G



561-PH2G



561-UG

- PH3 is best for measuring thickness. (table hardened.)
- PH2 has intermediate bearing. It measures the thickness of rings, pipes, and other bent parts.
- 561-U, 561-US, 561-UG, are good for comparison testing of outside diameter.
- 561-PH3G, 561-PH2G and 561-UG has granite base.
- NOTE : Dial Gauge is not included.

Unit = mm

Code #	Base Length	Base Width	Base Height	Main Spindle Length	Net Weight (kg)
561-PH3	200	120	50	200	6
561-PH2	175	210	50	200	12
561-U	180	200	50	245	16
561-US	175	138	40	200	6
561-PH3G	210	110	40	200	4.6
561-PH2G	230	210	50	220	12
561-UG	230	210	50	245	16



DIAL COMPARETOR

Dial Stand

Stock No.610

Traceability



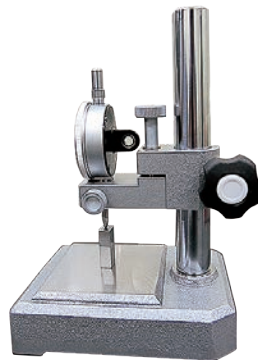
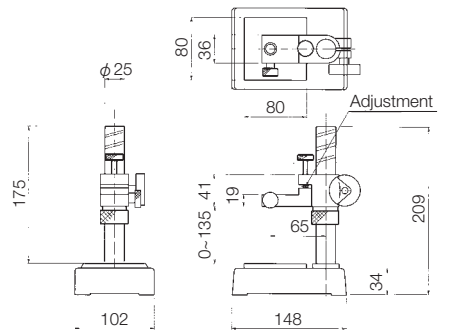
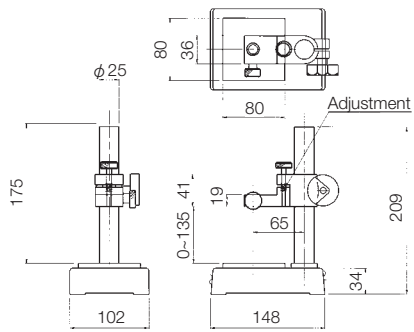
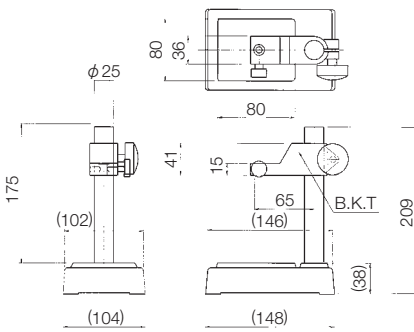
RS-1
Standard Model



RS-2
(With Adjustment)



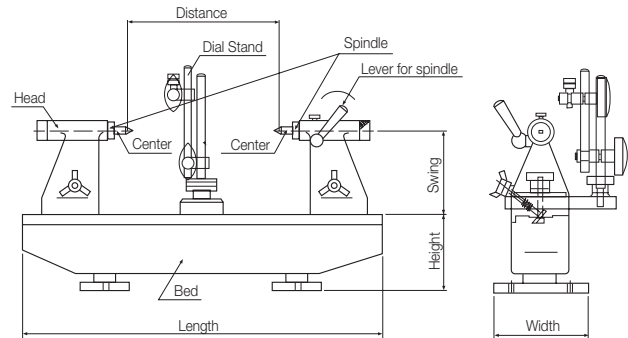
RS-3
(With Adjustment)



- For relative measurement of thickness.
- It is possible to regrind the surface.
- NOTE : Dial Gauge is not included.

Unit = mm

Code #	Model	Measurable Height	Table Area	Adjustment Stroke	Net Weight (kg)
610-RS1	RS-1	0 ~ 135	80x80	-	3.4
610-RS2	RS-2	0 ~ 135		3	3.4
610-RS3	RS-3	20 ~ 135		3	3.4


No.1

- This instrument has wide range of application, such as measuring deflection of machine tools, arbors, gears and checking roundness of different parts.

NOTE : Dial Gauge is not included.

Each model has maximum allowable size and withstand load as follows.

No. 1	ϕ 300× 400mm	46kg or less,
No. 2	ϕ 480× 800mm	120Kg or less,
No. 3	ϕ 600×1,200mm	250Kg or less

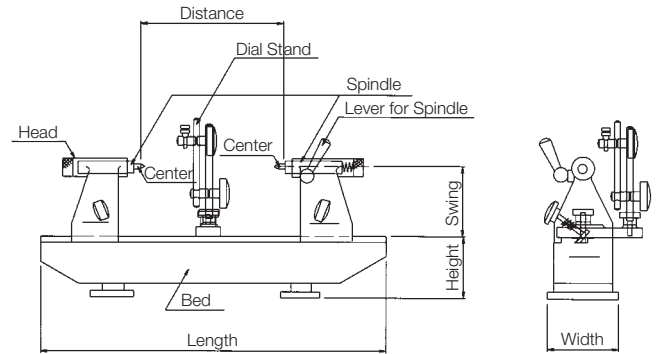
Unit = mm

Code #	Model	Bed Length	Bed Width	Bed Height	Center Distance	Swing	Flatness	Paralellness	Apply Center	Net Weight (kg)
562-1	No.1	750	115	130	400	150	6	5	MT-2	46
562-2	No.2	1,200	160	230	800	240	8	8	MT-2	120
562-3	No.3	1,700	200	300	1,200	300	10	10	MT-3	250

Bench Center (P Type)

Stock No.563

Traceability



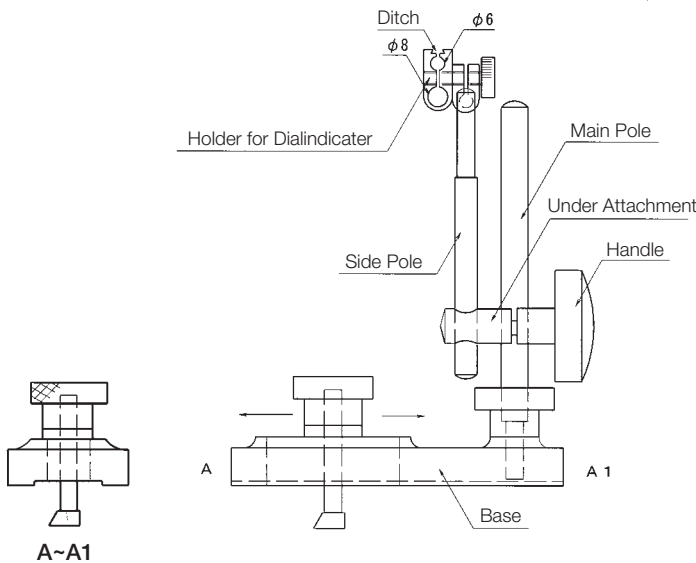
- Small type of bench center.
- As the swing is set lower, small measuring object can be measured easier.

NOTE : Dial gauge is not included.

Unit = mm

Code #	Model	Bed Length	Bed Width	Bed Height	Center Distance	Swing	Flatness (μm)	Paralellness (μm)	Apply Center	Net Weight (kg)
563-P1L	P-1	380	81	65	150	110	5	5	MT- 1	14
563-P2L	P-2	420	81	72	200	110	5	5	MT- 1	16
563-P3L	P-3	530	83	90	300	110	5	5	MT- 1	20

Dial Stand For Dial indicator



RSK produces dial stand for dial indicator.
It is applied for bench center (included P type)

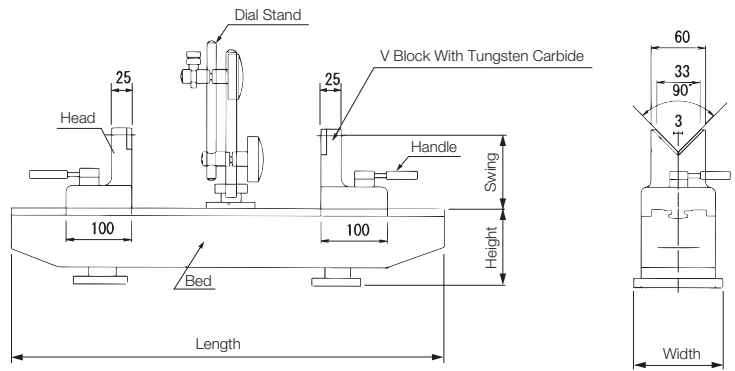
These 3 types can be chosen.

- φ 6, φ 8 With Ditch
- φ 6, φ 9.52 With Ditch
- φ 6, φ 9.52 Without Ditch

RV-Type Bench Center With V Block Carbide

Stock No.591

Traceability



- Using its V groove, this measures object without center hole.
- A piece of carbide is attached to V groove in order to add more abrasion resistance.

NOTE : Dial gauge is not included.

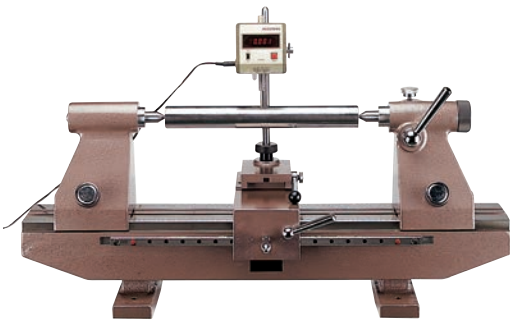
Unit = mm

Codee #	Model	Bed Length	Bed Width	Swing	Maximum Length between Head and Head	Paralellness of V grooves	Maximum allowable size	Net Weight (kg)
591-RV1	RV-1	380	82	73	180	5 μm	φ 5 ~ φ 40	11
591-RV2	RV-2	420	82	73	230	5 μm	φ 5 ~ φ 40	13
591-RV3	RV-3	530	82	73	330	5 μm	φ 5 ~ φ 40	15

Slide Guides Type Bench Center

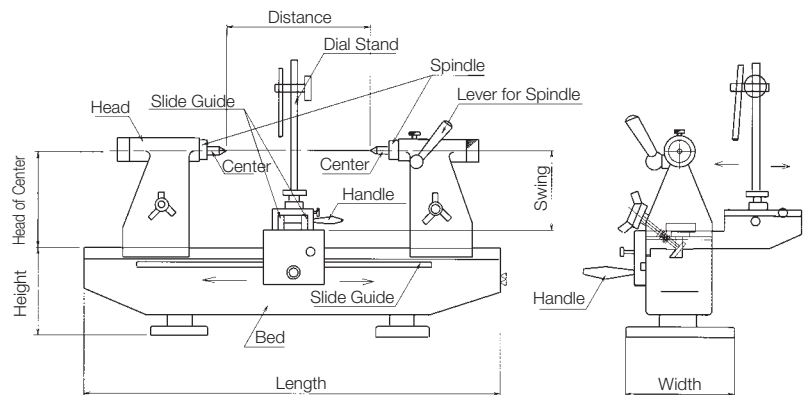
Stock No.562S

Traceability



- Dial gauge is designed to move not only back and forth but right to left.
- Besides, it measures eccentricity, deflection of roller shaft and flange and so on.

NOTE : Dial gauge is not included.



Unit = mm

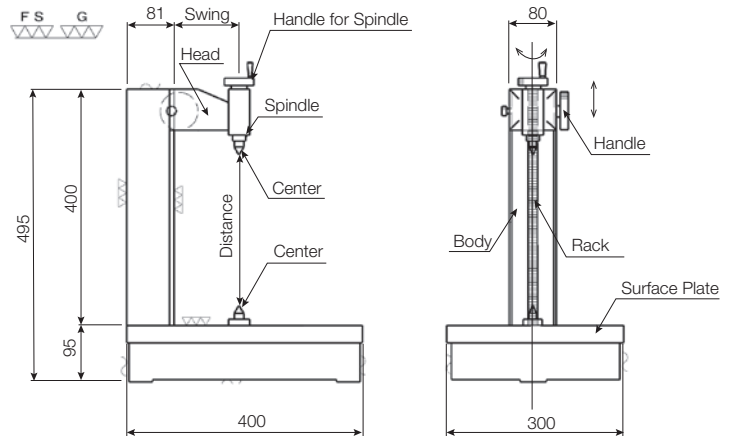
Code #	Model	Bed Length	Bed Width	Center Distance	Height of Center	Swing	Paralellness	Apply Center	Net Weight (kg)
562-SG1	RV-1	750	115	400	150	110	5 μm	MT-2	60



Bench Center (VB Type)

Stock No.592

Traceability



- For measuring vertical deflection.
- Put cylindrical work on its supporting point and measuring end face.
- Surface plate is as accurate as JIS First class.

NOTE : Dial gauge and Test bar are not included.

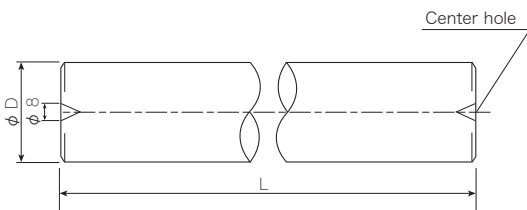
Unit = mm

Code #	Model	Size	Center Distance	Swing	Squareness of center (μm)	Apply Center	Net Weight (kg)
592-VB1	VB-1	400 × 300	265	110	5	MT-1	55

Test Bar

Stock No.600

Traceability



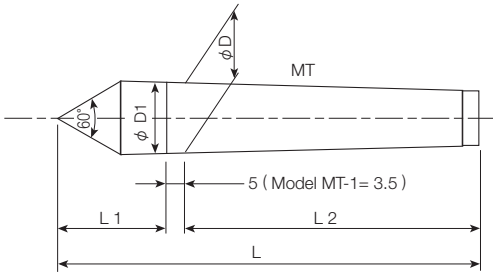
- Use it as a standard of deflection.
- This is for measuring deflection on bench center as a standard.
- All size is hardened.

Unit = mm

Code #	Size ($\phi D \times L$ mm)	Cylindricity (μm)	Compatible models
600-P1	20 × 150	2	P-1
600-P2	20 × 200	2	P-2
600-P3	25 × 300	3	P-3
600-NO1	30 × 400	3	No-1
600-NO2	50 × 800	3	No-2

Center

Stock No.601



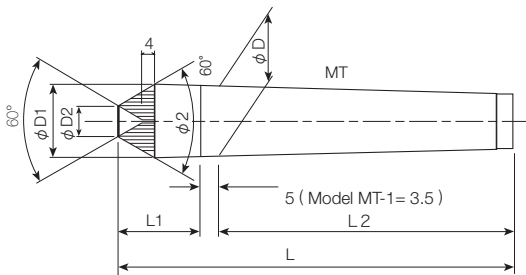
- This is applied to bench center.
- All size is hardened.
- Other sizes and carbide model are also available. Please ask.

Unit = mm

Code #	Model	ϕ D	ϕ D1	L	L1	L2	Compatible models
601-MT1	MT-1	12.065	12.2	82	25	53.5	P1 ~ P3
601-MT2	MT-2	17.780	18.0	100	31	64.0	No-1, No-2
601-MT3	MT-3	23.825	24.1	125	39	81.0	No-3

Reversed Form Center

Stock No.602

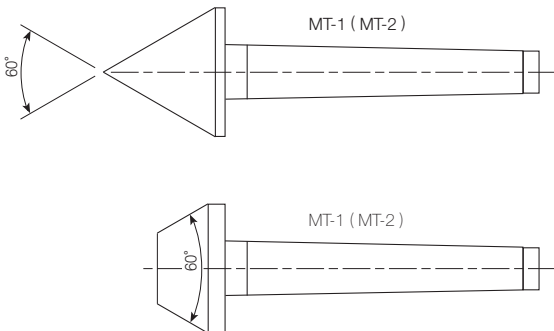


- For small diameters without center hole.
- Other sizes and carbide model are also available. Please ask.

Unit = mm

Code #	Model	ϕ D	ϕ D1	ϕ D2	L	L1	L2
602-MT1	MT-1	12.065	12.2	7	77	20	53.5
602-MT2	MT-2	17.780	18.0	8	94	25	64.0
602-MT3	MT-3	23.825	24.1	10	119	33	81.0

Custom-Made Center



- Custom made center can materialize your need precisely. Please ask us for further information.

Steel Beam Trammel Graduation

Stock No.581



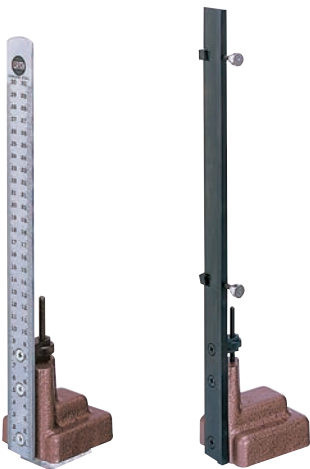
- This is for marking-off round shape, semicircle.
- The ruler has a scale marked in every 1mm.
- The point is hardened and dismountable.

Unit = mm

Code #	Size	Width	Thickness	Size of Point
581-0300	300	19	6	φ 6 × 39
581-0500	500	25	6	φ 10 × 50
581-1000	1,000	32	6	φ 10 × 50
581-1500	1,500	32	6	φ 10 × 50
581-2000	2,000	44	9	φ 12 × 68
581-3000	3,000	50	10	φ 12 × 68

Scale Holder

Stock No.560



B-1

B-2

This is designed to be used as a height gauge.

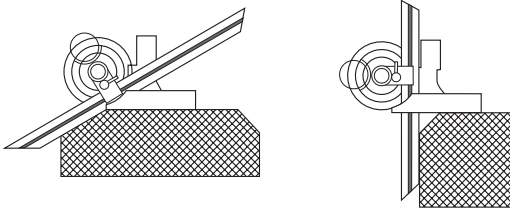
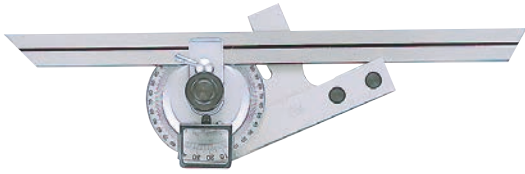
Unit = mm

Code #	Size	Height	Base Size	Net Weight (kg)
			Height × Width × Depth	
560-B1	B-1	300	70 × 60 × 70	1.2
560-B2	B-2	480	100 × 100 × 120	2.8
560-B3	B-3	700	100 × 100 × 120	4.5

Universal Bevel Protractor

Stock No.495

- 495-DQ Traceability
- 495-DA Traceability

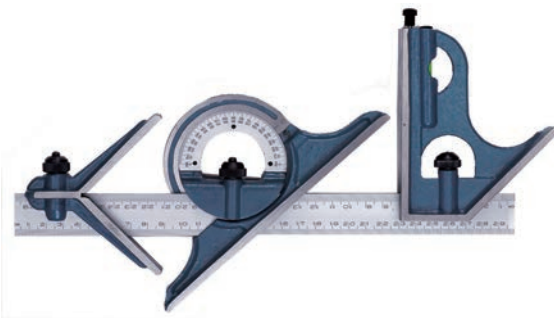


- Minimum scale of vernier is 5' (=1/12°)
- To read scale easily, a magnifying glass is attached.
- Two sizes of blades are attached. 150mm and 300mm.

Code #	Model	Squareness of Blade (μm)	Parallellness of Blade (μm)	Net Weight (kg)
495-DQ	495-D (Hardened)	10	10	0.62
495-DA	495-D (ClassA)	10	10	
495-DB	495-D (ClassB)	30	30	

Combination Set

Stock No.589



- This enables marking-off, measuring angle, and square at once.
- The ruler has a scale marked in every 0.5mm and 1mm.

Code #	Size (mm)	Net Weight (kg)
589-300	300	1.0

Micrometer Stand

Stock No.565

- Type-S and Type-Y can fasten in 0~25mm.
- Type-R can fasten in 200mm.



565-R



565-Y



565-S

Code #	Model	Net Weight (kg)
565-R	R	0.9

Code #	Model	Net Weight (kg)
565-Y	Y	0.8

Code #	Model	Net Weight (kg)
565-S	S	0.6