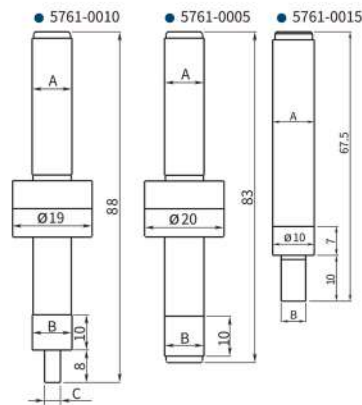


TOOL SETTING MEASURING GAUGES

BORN IN ITALY, RAISED BY THE WORLD

EDGE FINDER

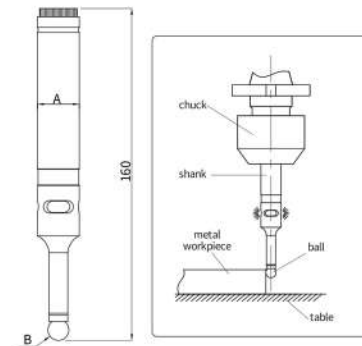


- Body and contact are made of tool steel, hardened and ground and lapped to close tolerances for diameter and concentricity
- For adjusting basic surfaces or edges
- Ideal for locating work surfaces easily, quickly and accurately
- Useful for identifying center line on jig boring, milling and engraving machines
- Rotational speed of spindle approx 400 - 600 rpm

Unit:mm

Code	Shank Diameter(A)	Contact Point(B&C)	Accuracy
5761-0005	φ10	φ10	0.005
5761-0010	φ10	φ10&φ4	0.005
5761-0015	φ10	φ6	0.008

ELECTRIC EDGE FINDER



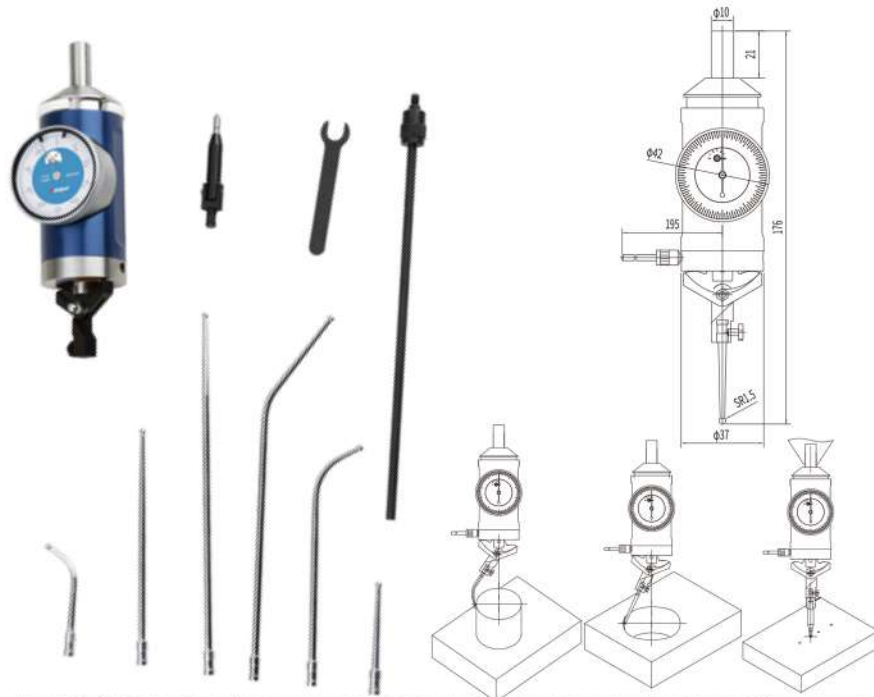
- Edge finder lights and beeps instantly when probe touches workpiece
- High sensitivity probe for accurate positioning relative to workpiece
- Read off any electrically conductive metal
- Used to precisely determine the edge of a workpiece (zero setting)
- Hardened shank and contact ball

Unit:mm

Code	Shank(A)	Contact ball(B)	Beeper	Accuracy
5760-1005	φ20	Sφ10	with	0.005



CENTERING INDICATOR GAUGE

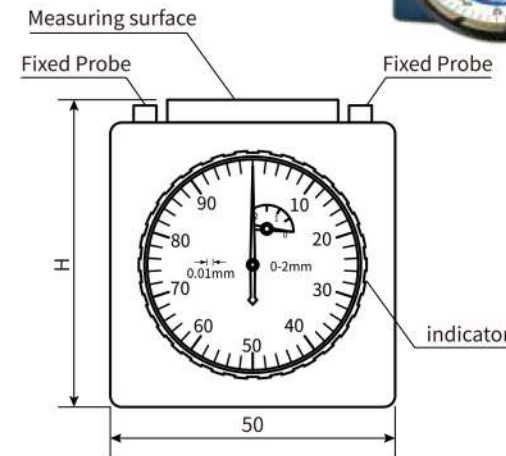


- ⚙️ • Use this indicator to quickly center work pieces or fixtures on your bore and milling set-ups
- Determining the centres of bores and shafts
- ✂️ • Sturdy metal housing suitable for workshop
- Internal or external centering
- 🏆 • Operates at any angle from vertical to horizontal without a change
- 3 internal and 3 external feelers restraining arm
- Center point feeler
- The shank is 10mm diameter and 20 mm long
- The indicator is 180mm long with 45 mm straight feeler
- Internal diameter is from 4mm to 300 mm
- External diameter is from 0mm to 300 mm
- Straight feeler length:45 mm /100mm/154 mm
- Curved feeler length:46 mm /100 mm /154 mm
- Center point feeler length:52.5 mm

Unit:mm

Code	Range	Graduation	Accuracy
5711-6100	0-0.15"	0.0005"	0.001"
5712-1100	0-3	0.01	0.02

ZERO SETTING DEVICE



- ⚙️ • With magnetic base
- To adjust the tools to the 0-position to determine the reference point of the machine spindle
- ✂️ • No feeler gauge or starting contact is needed
- 🏆 • Spring loaded setting face
- Mechanical zero-setting instrument for CNC machine centers
- Low spring force to prevent cutting tool from damage

Unit:mm

Code	Range	Graduation	Height	Remark
1122-9001	0-2	0.01	50	Magnetic base
1122-9002	0-2	0.01	100	Magnetic base with switch

DIGITAL ZERO SETTING DEVICE

WITH 0.001MM RESOLUTION



- **Used to help tool setting**

Can be used in IP65 working environment (with inductive measurement against splash water) and will not damage the tool edge



- **Resolution reaches 0.001mm**

Higher than other zero setting devices

- **Lighting indicating at "0"**

More obvious and accurate compared with mechanic zero setting device



- Accuracy (tolerance range): $\pm 0.002\text{mm}/0.0001''$,
Repeatability: $0.003\text{mm}/0.0001''$
- 3V Lithium battery CR2032

Unit: mm

Code	Height	Resolution
1801-1005	50	0.001/0.00005"
1801-1010	100	0.001/0.00005"



• Provided in fitted aluminum case

• Height of 100mm optional



- **With magnetic base**

Fixed on machine steadily and shorten tool setting time and improve work efficiency greatly

PREMIUM MAGNETIC PARALLEL SET WITH HANDLE



Patented design for easy installation and disassemble

Unit:mm

Code	Amount(Pairs)	Length	Width	Thickness
1801-0105-A	5	100	15,22,25,30,32	2.5
1801-0110-A	5	125	15,30,35,37,39	2.5
1801-0115-A	5	150	25,35,40,45,47	2.5



BEFORE USE

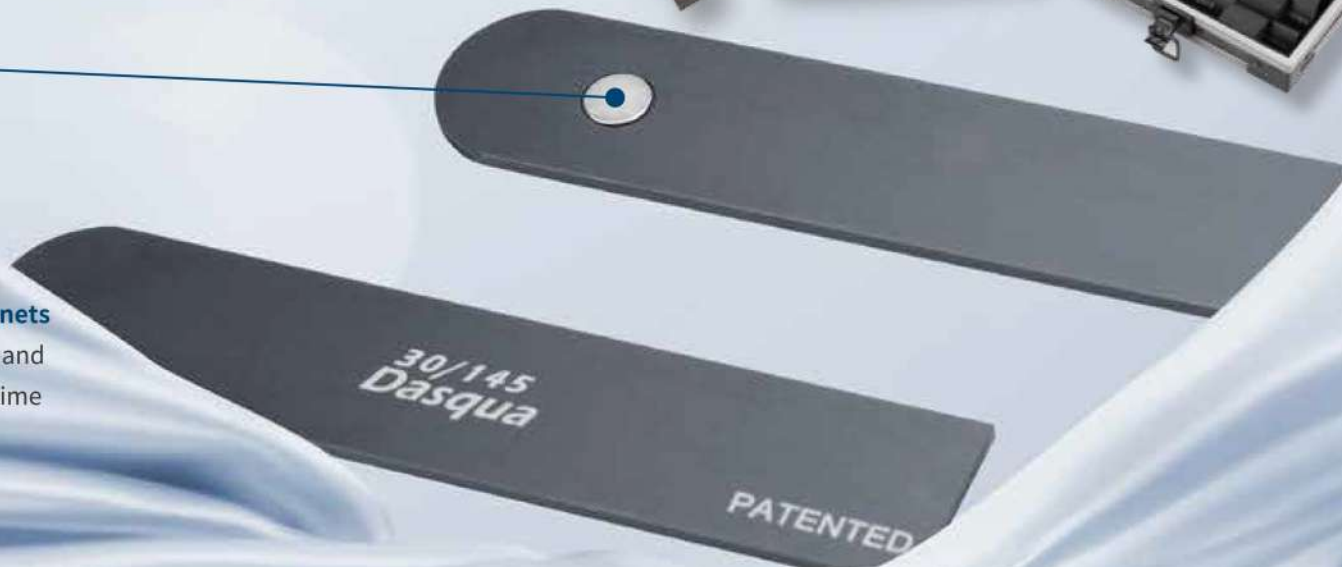


IN USE

- Higher Accuracy from Dasqua
- Height tolerance: $\pm 0.005\text{mm}$ Width tolerance: 0.01mm
- Hardness: 55-60HRC

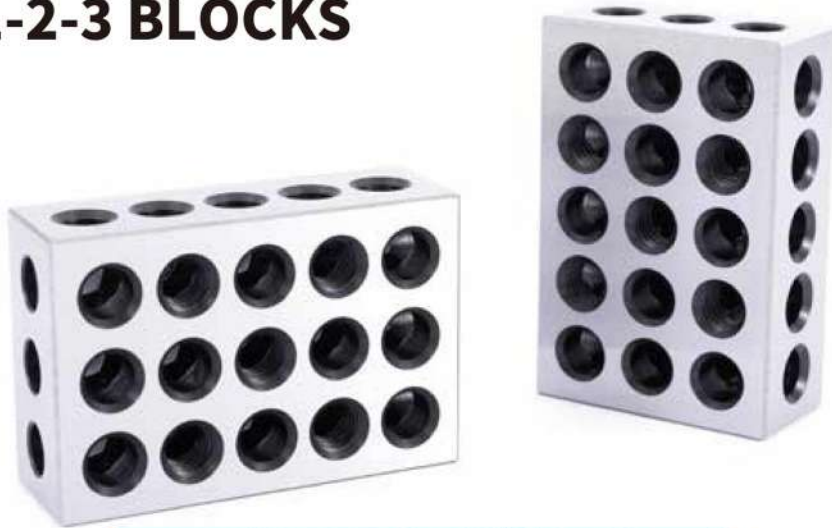


- Newly designed embeded magnets leaving your hands for clamping and setting up reduce the clamping time significantly





1-2-3 BLOCKS



- Product Dimensions: 1" x 2" x 3"
- Heat treated and case hardened to HRC 58-62
- Hardened and precision Ground on all 6 sides of each block
- 23 holes consists of 5 tapped holes that are 3/8-16 for clamping and 18 untapped holes
- tolerance of size ± 0.0002 ", Parallelism 0.0002", Height of pair 0.0002"
- Cross drilling design gives minimum weight and maximum strength

Unit:mm

Code	Size	Squareness
8407-0005	1"-2"-3"	0.0001"/1"
8407-0010	1"-2"-3"	0.0003"/1"

EXTRA THIN PREMIUM PARALLEL SET



- Come with 10 Pairs Precision Ultra Thin Parallel Set
- Made of premium alloy steel, hardened, stress-relieved, precision ground, used in pairs
- With high perpendicularity, parallelism, dimension accuracy, convenient to use and maintain
- Easy to operate during the drilling, milling, assembling work, convenient to clamp workpiece, and provide the reliable and accurate position for workpiece
- Accuracy: Height ± 0.01 mm, thickness ± 0.01 mm, use in pairs: ± 0.01 mm (height/thickness)
- Edges are slightly beveled
- Superior surface finish: Ra0.4um, high hardness: 56-61HRC, long service life

Unit:mm

Code	Amount(Pairs)	Thickness x Length	Height
8201-0005	10	0.8 x 150	12,14,16,18,20,22,24,26,28,30
8202-0005	10	1/32" x 6"	1/2", 5/8", 3/4", 7/8", 1", 1-1/8", 1-1/4", 1-3/8", 1-1/2" & 1-5/8"

PREMIUM PARALLEL SET

WITH ALU.CASE

- Premium alloy steel, hardened and quenched, hardness of 58-63HRC, long service life
- Edges are slightly lapped for anti-collision.
- Fitted black aluminium case

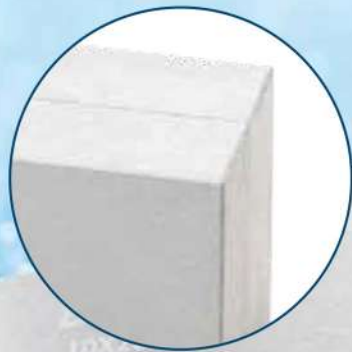
CERTIFICATE		Dasqua®	
Product name :	Parallel Set	Size:Wide x Height x Length	
Type :	4 Pairs	4.76 x 31.75 x 152.4mm	
Material :	20CrMnTi	4.76x:44:45 x 152.4mm	
Hardness :	60HRC	4.76 x 38.1 x 152.4mm	
		4.76 x 25.4 x 152.4mm	
Conclusion :	Passed	Height Tolerance :	- 0.01mm
		Width Tolerance :	0.008mm
		Parallelism :	0.005mm
		Paired in Height :	0.007mm
Inspector :	David	Roughness of Working Surface :	Ra0.4
		Roughness of Non-Working Surface :	Ra0.4



Code	Quantity(Pairs)	Thickness x Length	Height
8203-0010	14	10 x 150	14,16,18,20,22,24,26,28,30,32,35,40,45,50
8203-0025	14	4 x 150	14,16,18,20,22,24,26,28,30,32,35,40,45,50
8203-0030	9	8.5 x 150	14,16,20,24,30,32,36,40,44
8204-0010	9	1/4"x6"	3/4",7/8",1",1-1/8",1-1/4",1-3/8",1-1/2",1-5/8",1-3/4"
8204-0015	10	1/8"x6"	1/2",5/8",3/4",7/8",1",1-1/8",1-1/4",1-3/8",1-1/2",1-5/8"
8204-0025	4	3/16"x6"	1",1-1/4",1-1/2",1-3/4"

Unit:mm

- Precision ground with high accuracy: height/width ± 0.01 mm, parallelism ± 0.005 mm, use in pairs: ± 0.01 mm (height/thickness) and each parallel set is provided with its own inspection report



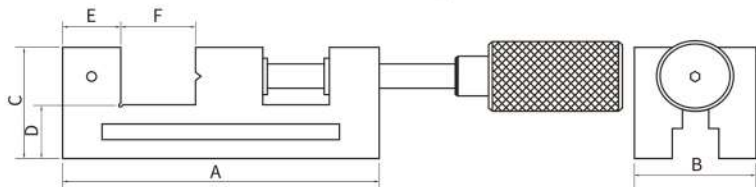
- Round chamfer to protect operators' hands from scratch



HIGH
HARDNESS
LONG
SERVICE LIFE



PRECISION TOOLMAKERS VICE-SCREW GUIDE TYPE

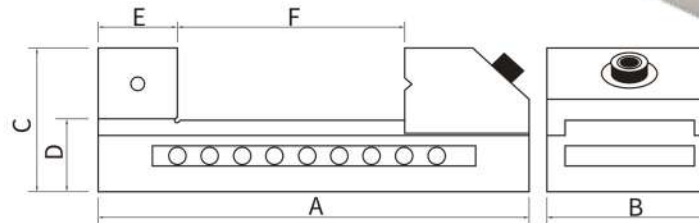
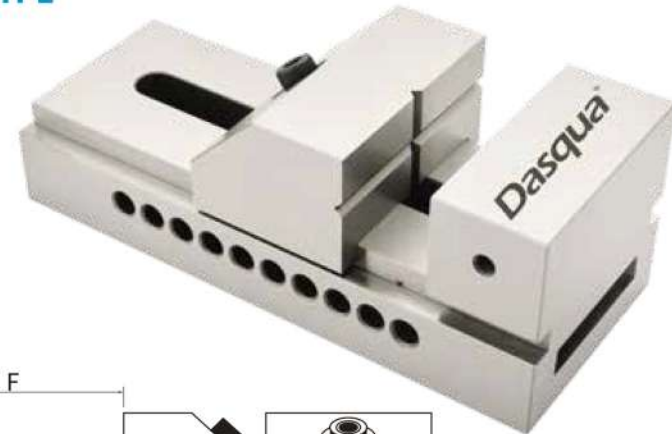


- Hardened and stabilized
- Precision ground to a mirror finish
- Squareness of the vice is within 0.005mm and parallelism of the vice is within 0.003mm on all critical sides
- Horizontal and Vertical V moveable jaws are provided for holding the round/square parts
- Jaw pressure on workpiece is forward and downward for repeatable positioning and maximum holding power
- Particularly suitable for erosion work
- Can be used on base, either side, end and top

Unit:mm

Code	A	B	C	D	E	F	Weight
8802-5105	156	50	52	27	25	0-63	2.3kg
8802-5110	176	63	63	33	30	0-73	4.0kg
8802-5115	190	73	73	38	35	0-76	5.5kg
8802-5120	255	100	82	42	40	0-120	11.0kg

PRECISION TOOLMAKERS VICE QUICK ACTION TYPE

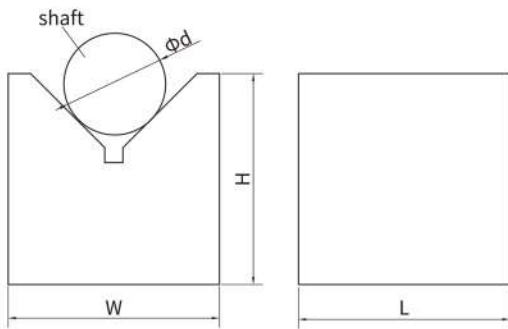


- Hardened and stabilized.
- Precision ground to a mirror finish
- Squareness of the vice is within 0.005mm and parallelism of the vice is within 0.003mm on all critical sides
- Positive downward and rapid positioning notches for free Jaw movement
- Horizontal and Vertical V moveable jaws are provided for holding the round/square parts
- Locking Screw provided at the Vice base for adjustable positions of the moveable Jaw
- The rapid positioning notches allow the vice to be locked in any position by means of an allen key provided with the vice
- Jaw pressure on work piece is forward and downward for repeatable positioning and maximum holding power
- Particularly suitable for erosion work
- Can be used on base, either side, end and top

Unit:mm

Code	A	B	C	D	E	F	Weight
8802-1105	150	50	53	28	30	0-80	1.6kg
8802-1110	175	63	63	31	35	0-90	2.9kg
8802-1115	190	73	70	35	35	0-100	4.3kg
8802-1120	245	100	90	45	45	0-130	10kg

GRANITE V-BLOCK SET



- Ideal for testing cylinder
- | • Made of granite, hard and no rusty, no dimensional change over time or temperature change
- With V-cut 90°, finely ground
- | • Side- and front-faces angular ground in regard to base area
- Supplied in matched pair

Unit:mm

Code	L x W x H	Range of shafts(φd)	Parallelism of V groove to bottom	Height difference of a matched pair	Grade
8321-1005	70x50x70	5-45	0.003	0.003	00
8321-1010	100x50x70	5-45	0.004	0.003	00

V-BLOCK & CLAMP SET



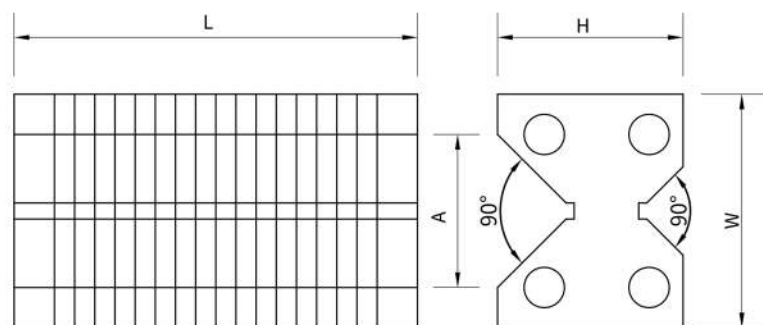
- Made of premium hardened steel, stress-relieved and precision ground in pairs
- | • Flatness and parallelism $\pm 0.01\text{mm}$
- V-angle 90° clamping brackets can be used to check cylindrical precision machined parts
- | • Contact faces are ground and lapped

Unit:mm

Code	Clamping Range	H	W	L
8101-0005	6-30	36	40	45
8101-0010	6-32	40	45	70
8101-2005	1"	1-3/8"	1-3/4"	1-5/8"
8101-2010	1-1/2"	1-5/8"	1-3/4"	2-3/4"
8101-2015	1-1/2"	1-3/4"	2-1/2"	2-3/4"
8101-2020	2-1/8"	2-3/4"	3-1/2"	4-7/8"



MAGNETIC INDUCTION V-BLOCK



- All working surfaces are hardened, precision ground
- For use on magnetic chucks
- These fine V-Blocks are now made universal holds in any direction on the magnetic chuck
- Integrally aluminum cast into one solid piece ground all over and series numbered in pairs

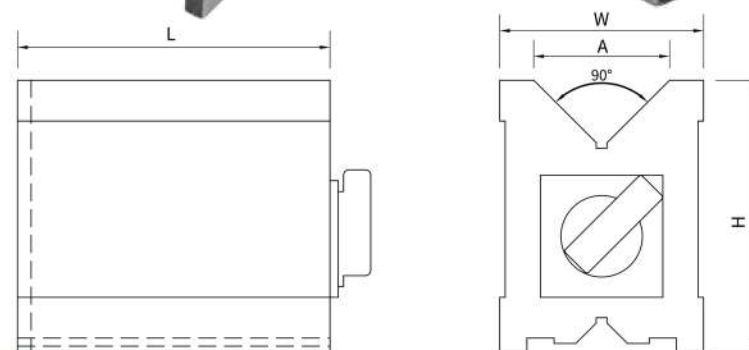
Unit:mm

Code	L x W x H	A	Material	Weight
8561-2020	100x58x46	38	Steel/Aluminum	1.2kg
8561-2025	50x58x46(2pcs)	38	Steel/Aluminum	0.6kgx2

MAGNETIC V-BLOCK

• 8561-2005/8561-2010

• 8561-2015



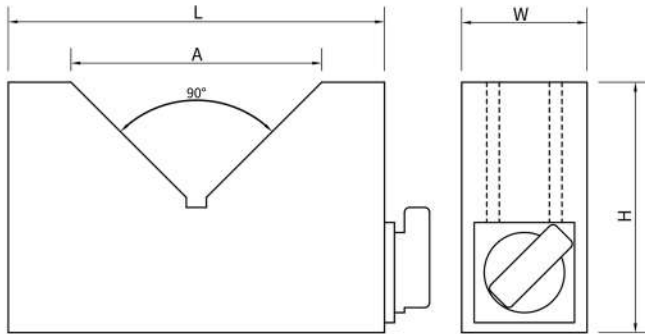
- Magnetic Measuring and Clamping V-Block
- Hardened, high accuracy, strong magnetic force for grinding, light milling, drilling and inspection of round and square jobs
- All working surfaces are hardened
- Magnetic force on top, bottom and two V grooves
- V groove on the top for large shafts V groove on the bottom for small shafts
- Suitable for cast iron surface plates
- Magnet has an On/Off switch which easily and quickly engages / releases magnet

Unit:mm

Code	Holding power	L	W	H	A	Weight
8561-2005	70kg	100	70	95	46	4.0kg
8561-2010	80kg	115	75	100	50	5.2kg
8561-2015	60kg	70	60	72	36	1.6kg



MAGNETIC V-BLOCK SET

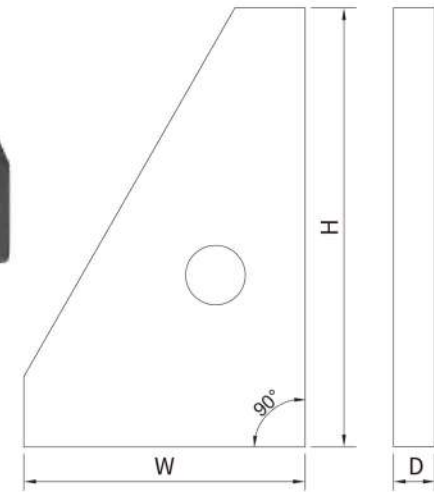


- Made of high quality steel and copper
- Magnet has an On/Off switch which easily and quickly engages / releases magnet
- Precision ground and lapped in pairs to ensure same size
- Both V-grooved part and bottom face have magnetic force

Unit:mm

Code	Holding power	L x W x H	A	Applicable Dia	weight
8561-2030	15kg	70X40X50(2pcs)	34	φ50	1kgx2
8561-2035	23kg	150X50X100(2pcs)	100	φ100	5kgx2

GRANITE SQUARE 90°



- Used to check squareness
- Holes are made to reduce weight so easy to handle and carry
- Made of natural granite, with two sides precision ground

Unit:mm

Code	Size(H x W x D)	Squareness between meaning surface and datumsurface	Grade
9211-3005	250x160x40	0.002	00
9211-3010	400x250x50	0.003	00
9211-3015	630x400x50	0.004	00

GRANITE SURFACE PLATE

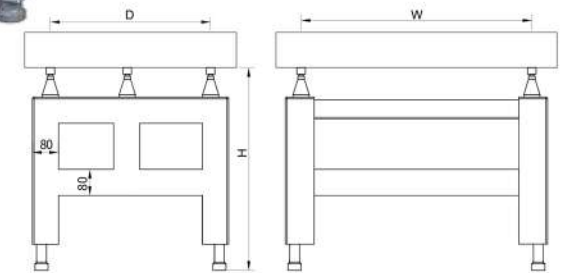


- Meet DIN876, grade 00 is for inspection room or lab, grade 0 is for workshop
- Made of granite, free from deterioration or dimensional change over time, minimal changes in dimension due to temperature changes
- High density structure thus extremely homogeneous
- Surface plate is lapped and has a satin matt finish to prevent glare
- 100% corrosion proof
- Non-magnetic and non-conductive
- Measuring instruments and test equipment are easy to slide over surface
- For measuring tasks, layout work, touching up and lapping precision parts
- Optional accessory: stand for granite surface plate, jack for granite surface plate
- Supplied with calibration certificate

Unit:mm

Code	L x W x H	Flatness (Grade 00)	Code	L x W x H	Flatness (Grade 0)
8500-3020	300x200x60	0.0027	8730-3020	300x200x60	0.0054
8500-4025	400x250x60	0.0029	8730-4025	400x250x60	0.0059
8500-4040	400x400x60	0.0031	8730-4040	400x400x60	0.0063
8500-5032	500x315x70	0.0032	8730-5032	500x315x70	0.0064
8500-6340	630x400x80	0.0035	8730-6340	630x400x80	0.0070
8500-6363	630x630x100	0.0038	8730-6363	630x630x100	0.0076
8500-8050	800x500x100	0.0039	8730-8050	800x500x100	0.0078
8500-1063	1000x630x140	0.0044	8730-1063	1000x630x140	0.0087

GRANITE PLATE STAND



- Solid steel construction
- For medium size granite surface plates
- Adjusting range of jacks
- One foot on the bottom is adjustable

Unit:mm

Code	For granite surface plate	W x D x H
8295-0005	630x400x80 (code 8500-6340,8730-6340)	350x222x(700-725)
8295-0010	630x630x100 (code 8500-6363,8730-6363)	350x350x(680-705)
8295-0015	800x500x100 (code 8500-8050,8730-8050)	444x277x(680-705)
8295-0020	1000x630x140 (code 8500-1063,8730-1063)	555x350x(620-645)
8295-1005	630x400x80 (code 8500-6340,8730-6340)	350x222x(930-955)
8295-1010	630x630x100 (code 8500-6363,8730-6363)	350x350x(910-935)
8295-1015	800x500x100 (code 8500-8050,8730-8050)	444x277x(910-935)
8295-1020	1000x630x140 (code 8500-1063,8730-1063)	555x350x(870-895)