

INDEX

MAGNETIC INDICATOR HOLDER **P1-9**



MAGNETIC BASE **P10-12**



MAGNETIC BLOCKS **P13-14**



OTHER TOOLS **P15-16**



UNIVERSAL MECHANICAL ARM **P17-18**



COMPARATOR STAND **P19**



CATALOG



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Mechanical universal arm

- ◊ Steel arm, Strong central locking mechanism.
- ◊ New type fine adjustment on the top.



Model	Holding power (KG)	Base (mm)	Arm length (mm)	Overall length (mm)	Dia. of clamp hole (mm)	Weight (KG)
WCE-S1	50	40×40×40	192	232	6.0 / 8.0 / Dovetail	0.7
WCE-S2	80	60×50×55	262	317		1.4
WCE-S3	80	60×50×55	354	409		1.8
WCE-S4	100	73×50×55	472	527		2.1

Mechanical universal arm

- ◊ Economical model.
- ◊ All three joints can be locked with the single hand knob.



Model	Holding power (KG)	Base (mm)	Arm length (mm)	Overall length (mm)	Dia. of clamp hole (mm)	Weight (KG)
WCE-A	80	60×50×55	345	400	8.0 / Dovetail	1.5

Mini type mechanical arm

- ◊ Small mechanical arm with central locking mechanism.



Model	Holding power (KG)	Base (mm)	Arm length (mm)	Overall length (mm)	Dia. of clamp hole (mm)	Weight (KG)
YM-CX	30	35×30×35	148	183	6.0 / Dovetail	0.5
YM-CZ	50	40×40×40	180	220	8.0 / Dovetail	0.7
YNA-S	50	40×40×40	210	250	6.0 / 8.0 / 3/8"/Dovetail	0.7
YM-F	30	Φ40×30	255	285	8.0 / Dovetail	0.6

Mini type

- ◊ Suitable for measuring small working pieces or use in small working conditions.



Model	Holding power (KG)	Base (mm)	Arm length (mm)	Overall length (mm)	Dia. of clamp hole (mm)	Weight (KG)
YM-WS	18	Φ30×25	65	90	6.0 / 8.0 / Dovetail	0.2
YM-WF	30	35×30×35	53	88	6.0	0.3
YM-NS	18	Φ30×25	140	165	6.0 / 8.0 / 3/8"/Dovetail	0.3

Mini type

- ◊ Low height enables fast, safe, and easy mounting on machines and jigs.



Model	Holding power (KG)	Base (mm)	Dia. of clamp hole (mm)	Weight (KG)
YM-G1	20	73×37×12	8.0	0.2
YM-G2	20	73×37×26		0.3

Hydraulic universal arm

Hydraulic central locking mechanism provide very strong locking force.



Model	Holding power (KG)	Base (mm)	Arm length (mm)	Overall length (mm)	Dia. of clamp hole (mm)	Weight (KG)
YW-8AS	50	40×40×40	230	270	6.0 / 8.0 / 3/8" / Dovetail	0.8
YW-8A	80	60×50×55	325	380		1.6
YW-8AL	100	73×50×55	385	440		1.9
YW-9A	80	60×50×55	340	395	8.0 / Dovetail	1.6
YW-8C	80	60×50×55	325	380		1.6
YW-8CU	80	60×50×55	380	435		1.8

Flexible arm

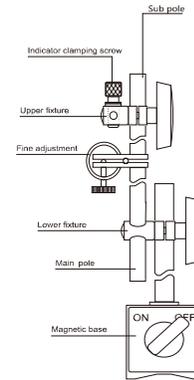
Flexible arm, it can be adjusted to any position.



Model	Holding power (KG)	Base (mm)	Arm length (mm)	Overall length (mm)	Dia. of clamp hole (mm)	Weight (KG)
WCU-A	80	60×50×55	340	395	3.0~13.0	1.4
WCU-B			340	395		1.4
WCU-C			360	415	6.0 / 8.0 / Dovetail	1.4
WCU-CS			375	430	1.4	
WCU-FX			330	385	6.0 / 8.0	1.4
WCU-GS	100	73×50×55	340	395	6.0 / 8.0 / Dovetail	1.7

Economical-type

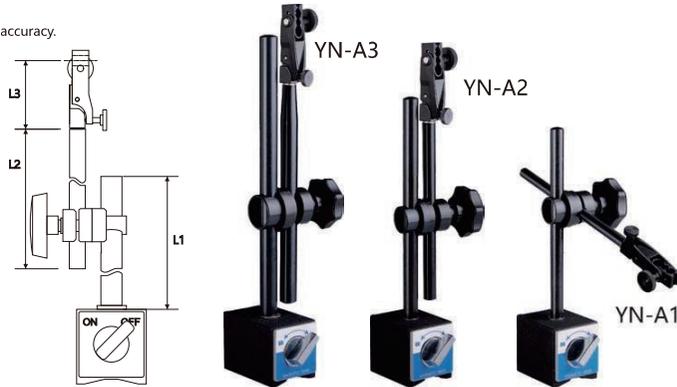
Stable column with longitudinally cross arm.
Permanent on/off magnetic base.
Most economical and widely used series.



Model	Holding power (KG)	Base (mm)	Main pole (mm)	Sub pole (mm)	Dia. of clamp hole (mm)	Weight (KG)
YMB-B	80	60×50×55	Φ12×176	Φ10×165	6.0 / 8.0	1.5
YMB-BV	80	60×50×55	Φ12×176	Φ10×150		1.5
YMB-BS	80	60×50×55	Φ12×194	Φ10×165		1.7
YMB-A1	80	60×50×55	Φ12×178	Φ10×150	6.0 / 8.0 / Dovetail	1.5
YMB-A6	80	60×50×55	Φ12×178	Φ10×160	8.0	1.5
YMB-A7	80	60×50×55	Φ12×178	Φ12×178		1.6
YMB-C	80	60×50×55	Φ14×178	Φ12×165	6.0 / 8.0	1.7
YMB-DV	100	73×50×55	Φ16×255	Φ14×165		2.3
YMB-FV	100	73×50×55	Φ20×178	Φ14×165		2.4
YMB-F2V	100	73×50×55	Φ20×178	Φ14×165, Φ12×130		2.6
YMB-L	130	117×50×55	Φ20×355	Φ14×200		3.6
YMB-LV	130	117×50×55	Φ20×355	Φ14×210		3.7

Forced locking pole type

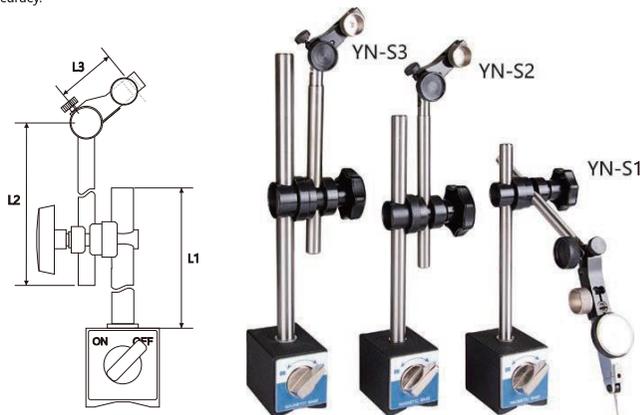
- ◊ New type fine adjustment on the top, higher accuracy.
- ◊ Strong arm lock, more stable.
- ◊ Holds metric and British unit indicator.



Model	Holding power (KG)	Base (mm)	Main pole (mm)	Sub pole (mm)	L3 (mm)	Dia. of clamp hole (mm)	Weight (KG)
YN-A1	80	60×50×55	Φ12×175	Φ10×165	62	6.0 / 8.0 / 3/8" / Dovetail	1.6
YN-A2	80	60×50×55	Φ14×200	Φ12×165			1.7
YN-A3	100	73×50×55	Φ16×250	Φ16×200			2.5
YN-A4	130	117×50×55	Φ18×350	Φ16×200			3.4

Forced locking pole type

- ◊ New type fine adjustment on the top, higher accuracy.
- ◊ Strong arm lock, more stable.
- ◊ Main and sub poles are made of stainless steel.



Model	Holding power (KG)	Base (mm)	Main pole (mm)	Sub pole (mm)	L3 (mm)	Dia. of clamp hole (mm)	Weight (KG)
YN-S1	80	60×50×55	Φ12×175	Φ10×153	45	6.0 / 8.0 / Dovetail	1.4
YN-S2	80	60×50×55	Φ14×200	Φ12×160			1.5
YN-S3	100	73×50×55	Φ16×250	Φ14×173			2.3

Universal indicator holder

- ◊ For concentricity checks on machine tools and appliances or for parallel measurements on guide slides.
- ◊ V-slot underside for placing on shafts and cylindrical bodies. T-slot topside for moving the measuring arm.



Model	Base (mm)	Arm (mm)	Dia. of clamp hole (mm)	Weight (KG)
YU-A2	260×60×35	Main pole Φ14×200 Sub pole Φ12×165	6.0 / 8.0 / 3/8" / Dovetail	3.6
YU-DL	260×60×35	Arm length 385	6.0/8.0/Dovetail	3.6

Magnetic indicator holder

- ◊ 6Mounting locations:(3)1/4"-20 tapped holes,(1)10-32 tapped hole, (1)3/8"reamed hole, and (1)1/8" to 5/16"V-shaped hole in the back.



Model	Holding power (KG)	Dimensions (in.)	Weight (G)
YB-6H	20	4"×1"×1"	270

Magnetic indicator holder

- ◊ Magnetic indicator back for AGD Dial indicator.



Model	Holding power (KG)	Dimensions (mm)	Weight (G)
LB-UM	20	Φ60×17	150

Vacuum base

- ◊ Ideal for use on granite surface plates or other non-magnetic smooth surface.
- ◊ Indicator stands are available mounted on this super hold vacuum base.



Model	Dimensions (mm)	Thread	Weight (KG)
VC-B	Φ90×25	M8	0.4



Model	Arm (mm)	Dia. of clamp hole (mm)	Weight (KG)
VCB-A1	Main pole Φ12×175 Sub pole Φ10×165	6.0 / 8.0 / 3/8" / Dovetail	1.0

Indicator holder accessory

Swivel clamp



Model	Dia. of clamp hole (mm)
CH-A	6.0/8.0/Dovetail
CH-B	4.0/8.0/Dovetail
CH-M	3/8" / 5/32" /Dovetail

Centering holder



Model	Dia. of clamp hole (mm)	Dia. of stem (mm)
CR-A	4	8
CR-M	5/32"	1/4"

Holding bar



Model	Bar dimensions (mm)
CT-A1	9×9×50
CT-A2	9×9×100
CT-B1	10×12×50
CT-B2	10×12×100
CT-C1	Φ8×115
CT-M1	0.25×0.5×2"
CT-M2	0.25×0.5×4"
CT-M3	72×12×6

Universal dovetail indicator holder



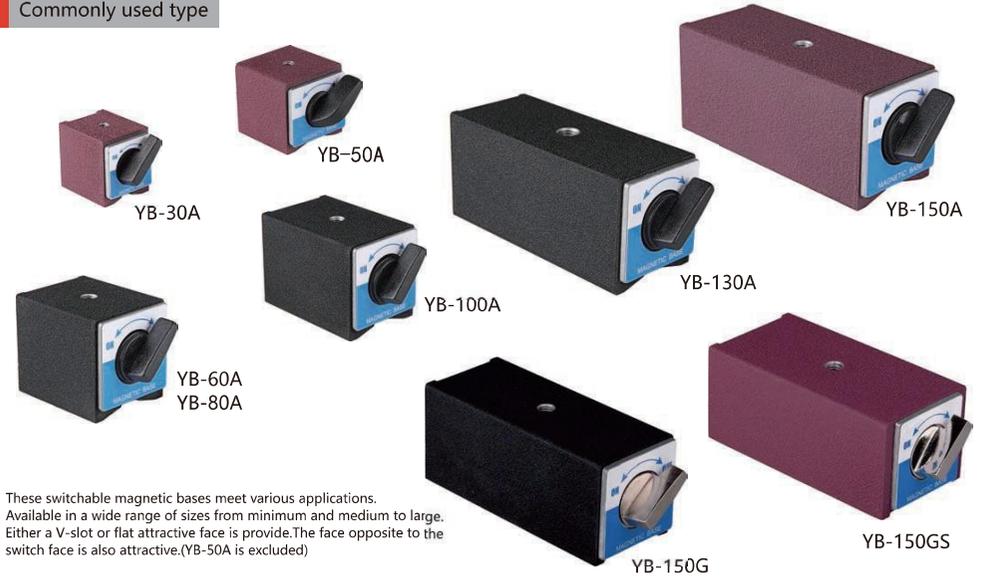
Model	Bar dimensions (mm)
CW-A1	1/4"×3"
CW-A2	Φ8×70
CW-B1	1/4"×3"
CW-B2	Φ10×110

Clamps



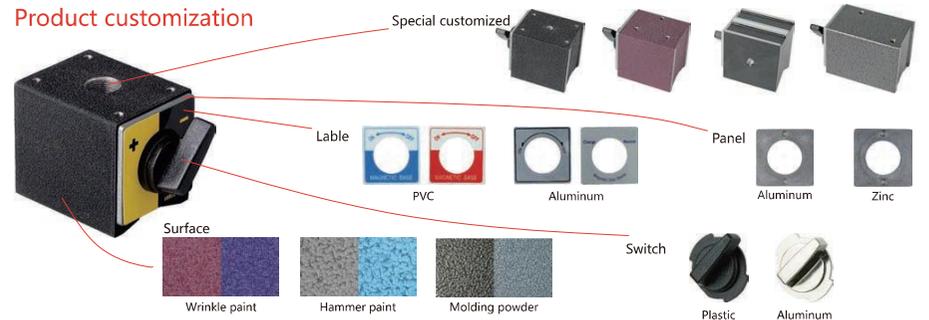
Model	Fine adjustment	Dia. of clamp hole (mm)	Features
CLP-0	✗	4.0 / 6.0 / 8.0 /Dovetail or 4.0 / 8.0 / 3/8"/Dovetail	Economical type.
CLP-1	✓	6.0 / 8.0 /Dovetail or 8.0 / 3/8"/Dovetail	Economical type.
CLP-2		6.0 / 8.0 /Dovetail	Precision type,new structure,higher accuracy.
CLP-2S		6.0 / 8.0 / 3/8" /Dovetail	Precision type,new structure,higher accuracy.Holds metric and British unit indicator.
CLP-3		6.0 / 8.0 /Dovetail	High precision type,main body is made of one piece, more stable. M4*0.25 fine screw adjustment.

Commonly used type



- ◊ These switchable magnetic bases meet various applications.
- ◊ Available in a wide range of sizes from minimum and medium to large.
- ◊ Either a V-slot or flat attractive face is provide.The face opposite to the switch face is also attractive.(YB-50A is excluded)

Product customization



Model	Holding power (KG)	Dimensions (mm)	Thread	Magnet type	Hold face form	Weight (KG)
YB-30A	30	35×30×35	M5×0.8	NdFeB		0.2
YB-50A	50	40×40×40	M6×1.0			0.3
YB-60A	60	60×50×55	M8×1.25	Ferrite		1.0
YB-80A	80	60×50×55	M8×1.25			1.0
YB-100A	100	73×50×55	M8×1.25			1.3
YB-130A	130	117×50×55	M8×1.25			2.0
YB-150A	150	120×50×55	M8×1.25			2.0
YB-150G	150	120×50×52	M8×1.25			2.0
YB-150GS	150	120×60×52	M8×1.25			2.5

► The position and size of Thread can be customized.

Push button type

◇ Provided with ON / OFF Push Button.



Model	Holding power (KG)	Dimensions (mm)	Thread	Weight (KG)
YB-15H	15	30×30×30	M5×0.8	0.2
YB-45H	45	50×40×50	M8×1.25	0.7

Mini type



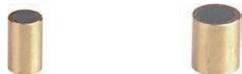
Model	Holding power (KG)	Dimensions (mm)	Thread	Magnet type
YM-26A	15	Φ26×25	M6×1.0	NdFeB
YM-30A	18	Φ30×25	M6×1.0	
YM-40A	30	Φ40×30	M8×1.25	
YM-50A	50	Φ50×40	M8×1.25	
YM-B	14	26×26×25	M6×1.0	
YM-C	20	26×60×25	M6×1.0	



T-handles T

Model	Thread
YHD-T6	M6×1.0
YHD-T8	M8×1.25

Mini type



Model	Holding power (G)	Dimensions (mm)	Thread	Magnet type
YST-58	30	Φ5×8	M5×0.8	SmCo
YST-78	40	Φ7×8		

Mini type



Model	Holding power (KG)	Dimensions (mm)	Thread	Magnet type
YLN-513	0.2	Φ5×13	M5×0.8	Alnico
YLN-713	0.4	Φ7×13		
YLN-1015	0.8	Φ10×15		
YLN-1515	2	Φ15×15		
YLN-2015	4	Φ20×15		
YLN-1018	0.8	Φ10×18		
YLN-1518	2	Φ15×18	M5×0.8	Alnico
YLN-2018	4	Φ20×18		

Mini type

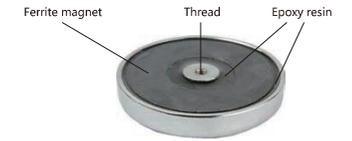


Model	Holding power (KG)	Dimensions (mm)	Thread	Magnet type		
YSG-108	3	Φ10×8	✓	SmCo		
YSG-108J			✓			
YSG-188	5	Φ18×8	✓		SmCo	
YSG-188J			✓			
YSG-2510	9	Φ25×10	✓			SmCo
YSG-2510J			✓			

Magnetic round base



◇ The ring magnet is bonded inside of the cup with epoxy resin, more durable.



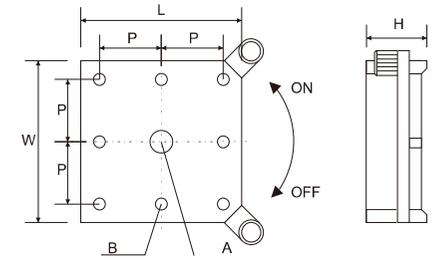
Model	Holding power (KG)	Dimensions (mm)	Thread	Weight (G)
YH-66RS	13	Φ66×10.5	M6×1.0	200
YH-80RS	30	Φ80×13.0	M8×1.25	350



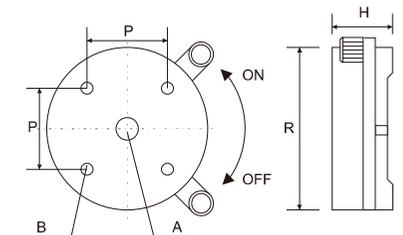
Model	Thread
YHD-T6	M6×1.0
YHD-T8	M8×1.25
YHD-Y6	M6×1.0

Thin type magnetic holder

◇ Thin and powerful magnetic force.



Model	Holding power (KG)	Dimensions (mm)			Thread		P	Weight (KG)
		W	L	H	A	B		
YG-45A	6.5	45	45	20	M8	4-M4	25	0.3
YG-65A	20	65	65	20	M8	8-M4	25	0.6
YG-90A	25	90	90	20	M8	8-M4	25	1.0
YG-125A	80	125	125	30	M16	8-M6	50	3.3



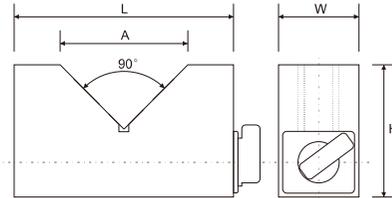
Model	Holding power (KG)	Dimensions (mm)		Thread		P	Weight (KG)
		R	H	A	B		
YG-50B	6	50	20	M8	4-M4	25	0.3
YG-75B	20	75	20	M8	4-M4	35	0.7

Magnetic V-block

- ◊ Used for Grinding, Light Milling, Drilling & Inspection of Round & Square Jobs.
- ◊ Supplied in matched pair.



Model	Holding power (KG)	Dimensions (mm) L×W×H	A	Applicable Dia. (mm)	Weight
YV-50B	15	70×40×50	34	Φ50	1 KG×2
YV-80B	20	100×50×80	60	Φ80	3 KG×2
YV-125B	23	150×50×100	100	Φ100	5 KG×2

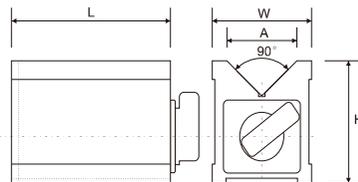


Magnetic V-block

- ◊ Used for Grinding, Light Milling, Drilling & Inspection of Round & Square Jobs.
- ◊ High accuracy, strong magnetic force.
- ◊ Magnetic force on all grinding surface.



Model	Holding power (KG)	Dimensions (mm) L×W×H	A	Weight (KG)
YV-7KS	70	80×56×72	36	1.7
YV-7KL	80	125×60×72	36	3.0
YV-12K	70	100×70×95	46	4.0
YV-12KS	80	115×75×100	50	5.2
YV-12KL	140	200×75×100	50	8.3



Magnetic square type block

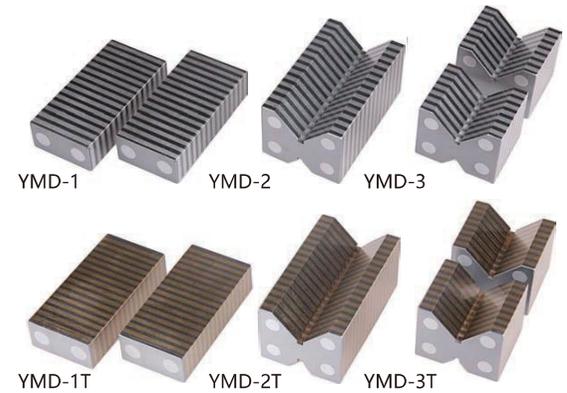
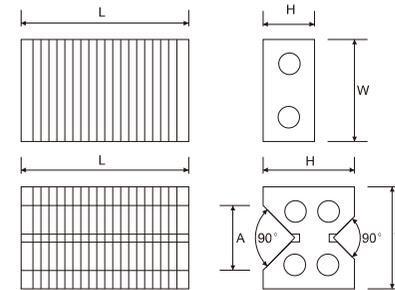
- ◊ Used as a holder for precision work in measuring, marking and other similar operation.
- ◊ Measuring available on the upper, side faces, V faces.



Model	Holding power (KG)		Dimensions (mm)	Main body material	Weight (KG)
	V-groove V	Surface			
YY-100A	25	50	100×100×100	Steel/Aluminum	6
YY-100C	25	50	100×100×100	Steel/Copper	7
YY-150A	50	140	150×150×150	Steel/Aluminum	23
YY-150C	50	140	150×150×150	Steel/Copper	25

Magnetic induction block

- ◊ Used to extend magnetic force to hold bar, round, or irregular shaped workpieces.
- ◊ Two pieces in pair.(YMD-2 and YMD-2T is excluded)



Model	Dimensions L×W×H	A	Material	Weight
YMD-1T	100×50×25(A pair)		Steel/Copper	1.1 KG×2
YMD-2	100×58×46	38	Steel/Aluminum	1.2 KG
YMD-2T	100×58×46	38	Steel/Copper	2.0 KG
YMD-3	50×58×46(A pair)	38	Steel/Aluminum	0.6 KG×2
YMD-3T	50×58×46(A pair)	38	Steel/Copper	1.0 KG×2

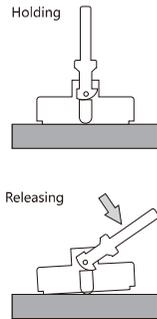
Magnetic lifter



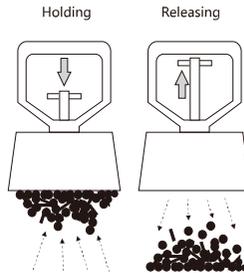
◊ Used to move iron workpieces.

Model	Holding power (KG)	BASE (mm)	Weight (KG)
YL-6T	60	60×50×55	1.1
YL-8T	80	60×50×55	1.1
YL-10T	100	73×50×55	1.4
YL-12T	130	117×50×55	2.1

Magnetic lifter



Magnetic lifter



◊ Most suitable for collecting small workpieces like iron screws, nails.

◊ Most suitable for pulling out steel sheet to transport.

Model	Holding power (KG)	Base (mm)	Height (mm)	Weight (KG)
YL-A	150	140×100	190	2.0

Model	Holding power (KG)	Base (mm)	Height (mm)	Weight (KG)
YL-B1	50	120×70	190	1.2
YL-B2	50	120×70	700	2.0

Magnetic safe catcher



◊ Used to get work pieces when operating pressure machine.

Model	Holding power (KG)	Base (mm)	Overall length (mm)	Weight (G)
SC-A1	1	Φ15×25	230	170
SC-A2	3	Φ20×25	230	200
SC-A3	5	Φ25×25	230	250

Diamond nib holder



◊ Used to hold a diamond grinding wheel dresser to fix the grinding wheel.

Model	Holding power (KG)	Base (mm)	Dia. of clamp hole (mm)	Weight (KG)
YD-S	80	60×50×50	10	1.1

3-Axis sliding table

◊ XYZ 3-Axis linear stage adjustment manual displacement platform sliding table.
 ◊ Z-axis adjusting range:30mm XY-axis adjusting range:10mm Caliber:Φ10mm

Model	Base	Weight (KG)
DS-1	60×50×55 mm	1.3
DS-2	Holding power : 80KG	1.5
DS-3		1.8



DS-1

DS-2

DS-3

Surface gauge



◊ It is used for accurately scribing lines, transferring measurements or probing surfaces in inspection work.

Model	Base (mm)	Pole Dia. (mm)	Pole length (in.)	Weight (KG)
SG-7			7"	1.3
SG-12	84×65×28	Φ10	12"	1.4
SG-18			18"	1.5

Magnetic lens stand

◊ Used to observe and inspect small components, cutter head, also can test the quality of the products after processing.

Model	Holding power (KG)	Base (mm)	Overall length (mm)	Magnification	Lens Dia. (mm)	Weight (KG)
YF-M2	80	60×50×55	490	×2	Φ100	1.5



Micrometer stand

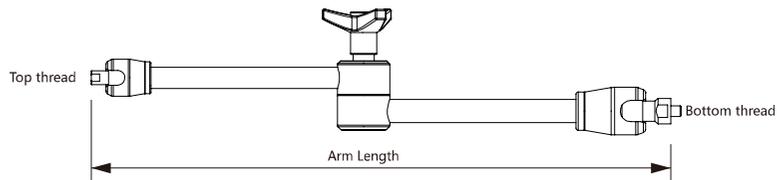


◊ Used to sustain the micrometer or do other clamping.
 ◊ Clamp with rubber pads for protecting the instruments.

Model	Main body material	Weight (KG)
YS-A1	Steel	1.1
YS-A2	Aluminum	0.7

Universal mechanical arm

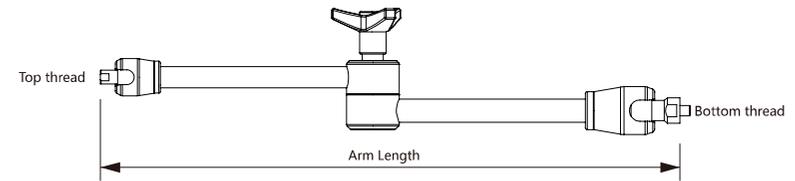
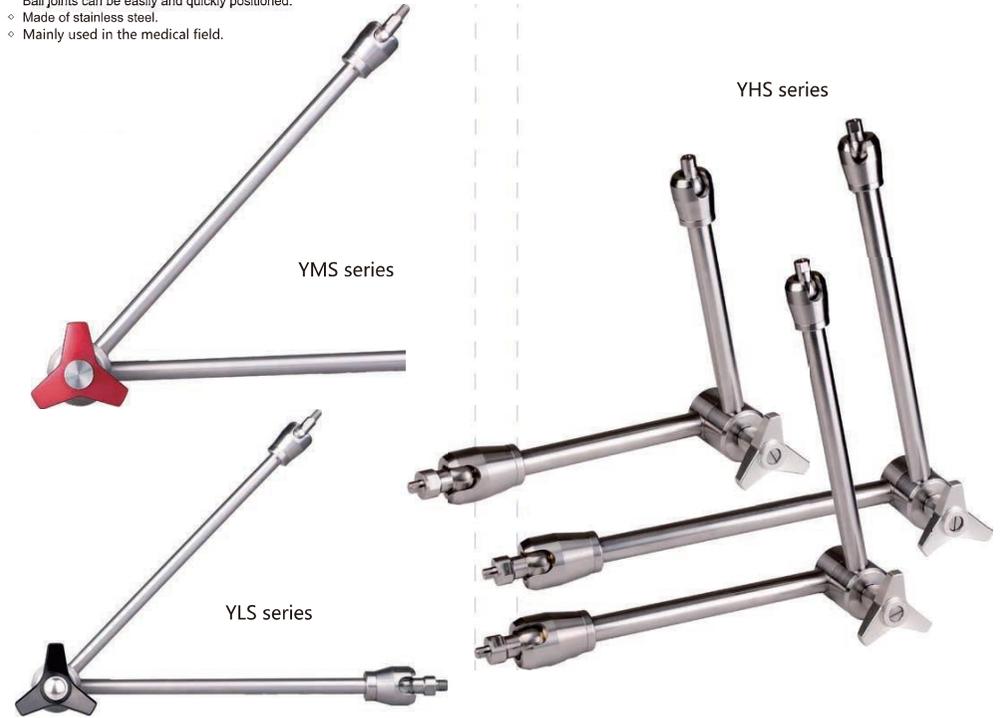
- ◊ All three joints can be locked with the single hand knob.
- ◊ Ball joints can be easily and quickly positioned.
- ◊ Because of these features, it is applied in many fields.



Series	Model	Arm Length (mm)	Top thread	Bottom thread (External thread)	Weight (KG)
YNS-A series	YNS-AS	150	M6×1.0 (External thread)	M6×1.0	0.3
	YNS-AM	225		M8×1.25	0.4
	YNS-AL	285		M8×1.25	0.6
	YNS-AXL	345		M8×1.25	0.7
WCE-DA series	WCE-DA1	140	M6×1.0 (Internal thread)	M5×0.8	0.2
	WCE-DA2	245		M8×1.25	0.3
	WCE-DA3	320		M8×1.25	0.5
	WCE-DA4	570		M10×1.25	3.0
	WCE-SA series	WCE-SA1		127	M6×1.0 (External thread)
WCE-SA2	197	M8×1.25	0.4		
WCE-SA3	289	M8×1.25	0.6		
WCE-SA4	407	M8×1.25	0.8		

Stainless steel universal mechanical arm

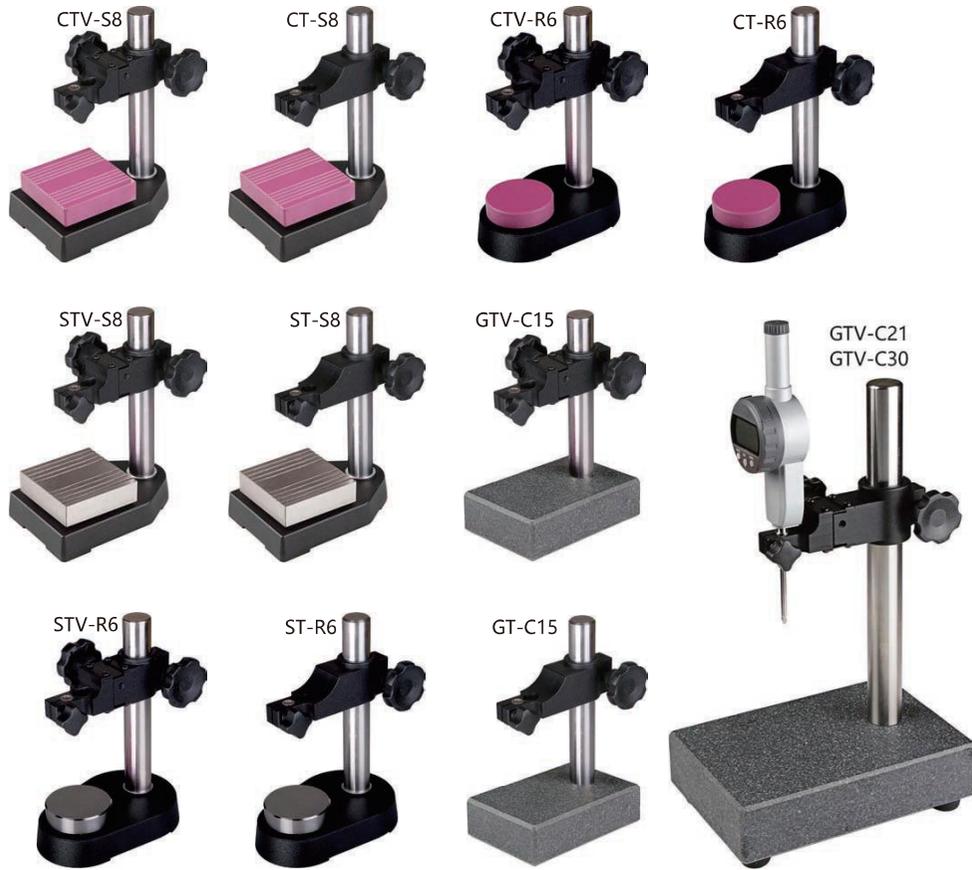
- ◊ All three joints can be locked with the single hand knob.
- ◊ Ball joints can be easily and quickly positioned.
- ◊ Made of stainless steel.
- ◊ Mainly used in the medical field.



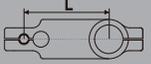
Series	Model	Arm Length (mm)	Top thread	Bottom thread	Weight (KG)
YHS series (Heavy duty)	YHS-550	550	M6×1.0 (Internal thread)	M10×1.25 (External thread)	2.8
	YHS-650	650			2.9
	YHS-750	750			3.0
YMS series	YMS-750	750	Customization	Customization	2.3
YLS series (Light duty)	YLS-450	450			1.8
	YLS-600	600			

The thread and arm length can be customized.

Precision comparator stand



Blank area with horizontal dashed lines for notes.

Model	Base material	Base dimensions (mm)	Fine adjustment	Pole dimensions (mm)		Weight (KG)		
CTV-S8	Alumina ceramics	80×80	✓	Φ25×180	75	2.5		
CT-S8			×			2.5		
CTV-R6		Φ60	✓			1.6		
CT-R6			×			1.6		
STV-S8	Hardened steel	80×80	✓			Φ25×180	75	2.5
ST-S8			×					2.5
STV-R6		Φ60	✓					1.6
ST-R6			×					1.6
GTV-C15	Natural granite	150×100×40	✓	Φ30×300	95			2.9
GT-C15			×					2.9
GTV-C21		210×150×50	✓					7.0
GTV-C30		300×200×60	✓					11.6