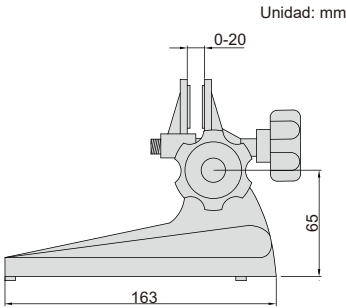


BASE PARA MICRÓMETROS

- Apto para micrómetros de hasta 100mm

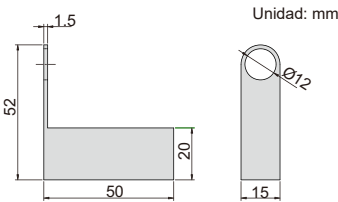
Código
6301



6301



6301-1

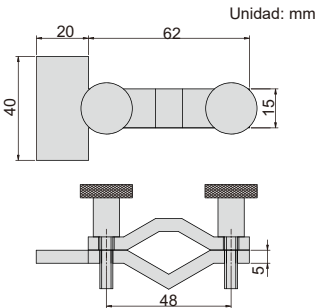


- Suitable for inside micrometers

Código	Descripción	Productos de aplicación
6301-1	abrazadera para micrómetros de interiores	todos los tamaños de la serie 3220



6301-2



- Suitable for three points internal micrometers

Código	Descripción	Productos de aplicación
6301-2	abrazadera para micrómetros de interiores de tres puntas	productos de las series 3127 y 3227 hasta 100mm



UNIVERSAL MAGNETIC STAND (LIGHT DUTY)

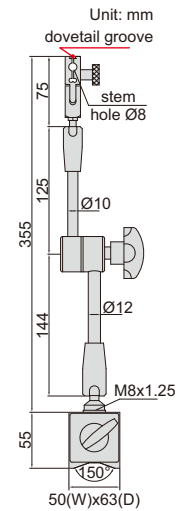
ATTENTION: LOW
LOCKING FORCE

- For digital/dial indicators and dial test indicators

Code	Magnetic force	Applicable holding stem	Remark
6208-80A	80kgf	Ø8mm	with fine adjustment and dovetail groove



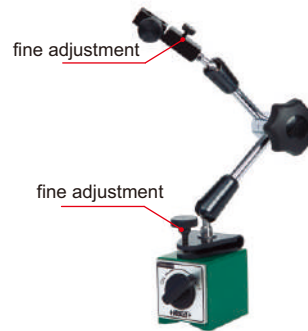
6208-80A



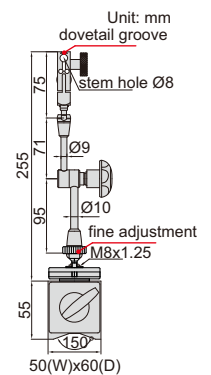
MAGNETIC STAND WITH DOUBLE FINE ADJUSTMENT

- With double fine adjustments on the head and on the base
- For digital/dial indicators and dial test indicators

Code	Magnetic force	Applicable holding stem	Remark
6272-80	80kgf	Ø8mm	with double fine adjustment and dovetail groove

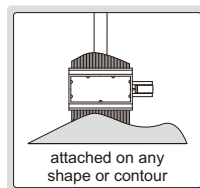


6272-80



MAGNETIC STAND FOR UNEVEN SURFACE

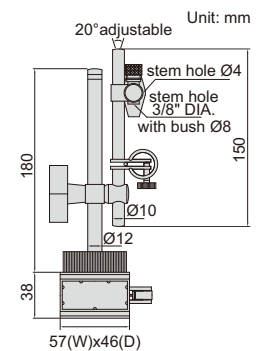
- For digital/dial indicators and dial test indicators
- With fine adjustment



Code	Magnetic force	Applicable holding stem
6215-60	60kgf	Ø8mm, Ø4mm, 3/8" DIA.



6215-60



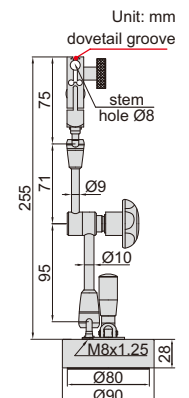
VACUUM STAND

- For granite surface plates or cast iron surface plates
- For digital/dial indicators and dial test indicators

Code	Diameter of vacuum disc	Vacuum force	Applicable holding stem	Remark
6217-B	Ø80mm	80kgf	Ø8mm	with fine adjustment and dovetail groove



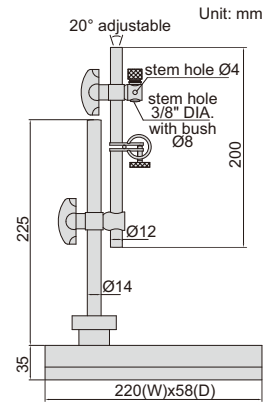
6217-B



UNIVERSAL STAND

- For digital/dial indicators and dial test indicators
- With fine adjustment

Code	Applicable holding stem
6214-A	Ø8mm, Ø4mm, 3/8" DIA.

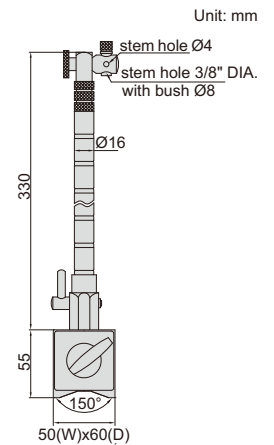


FLEX ARM MAGNETIC STAND

ATTENTION: FOR DIAL
TEST INDICATORS ONLY

- For dial test indicators

Code	Magnetic force	Applicable holding stem
6207-80A	80kgf	Ø8mm, Ø4mm, 3/8" DIA.

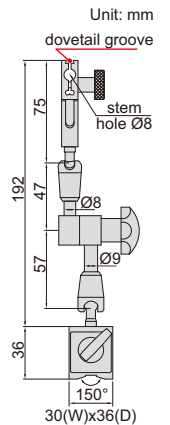


MINI MAGNETIC STAND

ATTENTION: FOR DIAL
TEST INDICATORS ONLY

- For dial test indicators
- With fine adjustment and dovetail groove

Code	Magnetic force	Applicable holding stem
6224-40	40kgf	Ø8mm

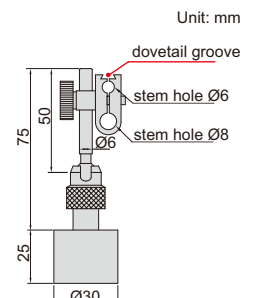


MINI MAGNETIC STAND

ATTENTION: FOR DIAL
TEST INDICATORS ONLY

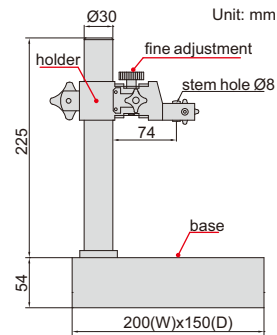
- For dial test indicators
- With dovetail groove

Code	Magnetic force	Applicable holding stem
6211-10	10kgf	Ø6mm, Ø8mm



GRANITE DIAL INDICATOR STAND

- Vertical travel of holder: 150mm
- Fine adjustment range: 2mm
- Supplied with dust cover



dust cover (included)



6866-150

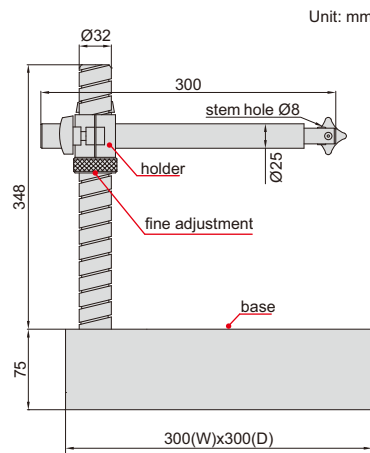
Code	Applicable holding stem	Base
6866-150	Ø8mm	flatness 2.5µm

GRANITE DIAL INDICATOR STAND

dust cover (included)



- Vertical travel of holder: 250mm
- Fine adjustment range: entire stroke
- Supplied with dust cover

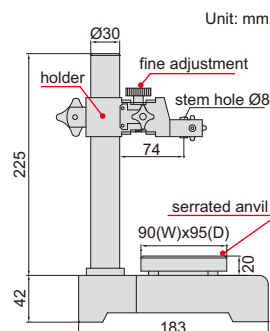


6867-250

Code	Applicable holding stem	Base
6867-250	Ø8mm	flatness 2.8µm

DIAL INDICATOR STAND

- Vertical travel of holder: 150mm
- Fine adjustment range: 2mm
- Supplied with dust cover



dust cover (included)



6863-150

Code	Applicable holding stem	Anvil
6863-150	Ø8mm	serrated, flatness 1.5µm, hardness HRC60±2

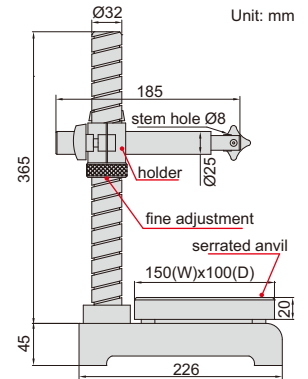
DIAL INDICATOR STAND

- Vertical travel of holder: 250mm
- Fine adjustment range: entire stroke
- Supplied with dust cover

dust cover (included)



6864-250



Unit: mm

Code	Applicable holding stem	Anvil
6864-250	Ø8mm	serrated, flatness 1.5µm, hardness HRC60±2

DIAL INDICATOR STANDS

dust cover (included)



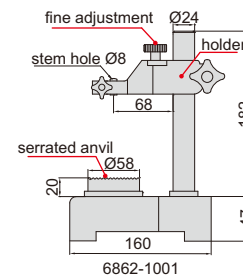
- Vertical travel of holder: 100mm
- Fine adjustment range: 2mm
- Supplied with dust cover



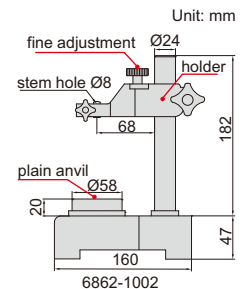
6862-1001



6862-1002



6862-1001



6862-1002

Unit: mm

Code	Applicable holding stem	Anvil
6862-1001	Ø8mm	serrated, flatness 1.5µm, hardness HRC60±2
6862-1002	Ø8mm	plain, flatness 1.5µm, hardness HRC60±2

TRANSFER STAND

dust cover (included)



- Vertical travel of holder: 335mm
- Fine adjustment range: 2mm
- Supplied with dust cover

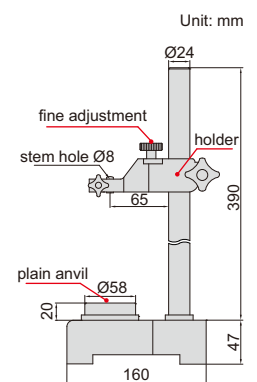


6865-300

Application

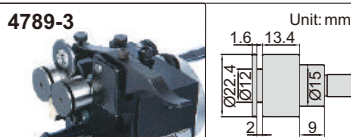
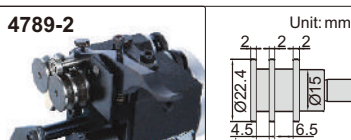
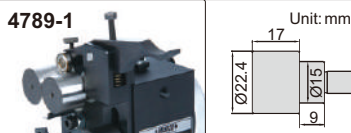


Rigid construction, designed to make comparison height measurement (set zero with gage block then measure height of workpiece) with dial indicators or digital indicators (variation of measuring force is high)

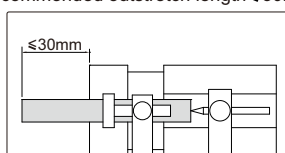


Unit: mm

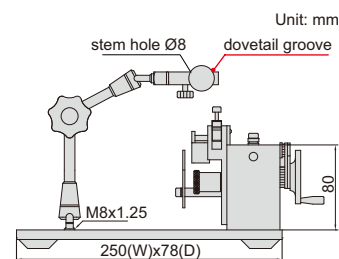
Code	Applicable holding stem	Anvil
6865-300	Ø8mm	plain, flatness 1.5µm, hardness HRC60±2



recommended outstretch length ≤ 30mm



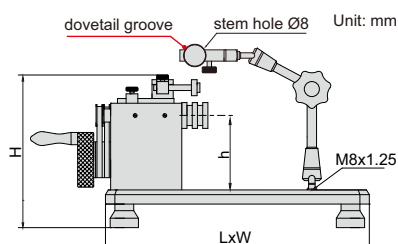
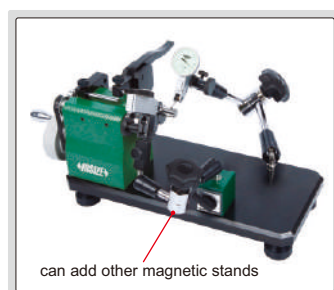
CONCENTRICITY GAGES



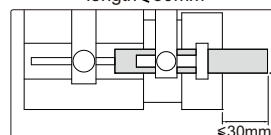
- Accuracy 2μm
- Optional accessory: dial test indicator, mini magnetic stand (code 6224-40)

Code	Applicable diameter
4789-1	Ø3.5mm-25mm
4789-2	Ø1mm-25mm
4789-3	Ø1mm-25mm

CONCENTRICITY GAGES



recommended outstretch length ≤ 30mm



HIGH STABILITY,
LONG WORKING LIFE

dial test indicator is not included



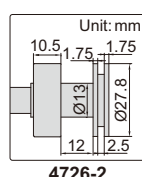
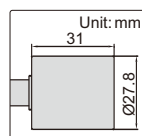
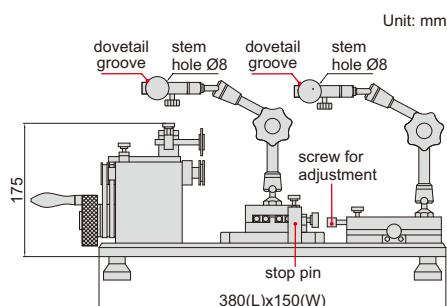
- With ball bearing, high stability, long working life

Code	Accuracy	Diameter range	Center height (h)	LxHxW	Weight
4725-45	2μm	3-45mm	80mm	280x130x150mm	6kg
4725-60	2μm	5-60mm	90mm	428x215x200mm	16.5kg
4725-80	2μm	8-80mm	130mm	445x256x260mm	29.5kg

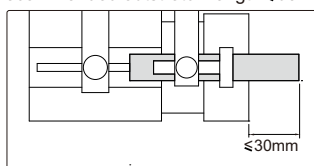
QUICK-POSITIONING, SUITABLE
FOR MASS MEASUREMENT



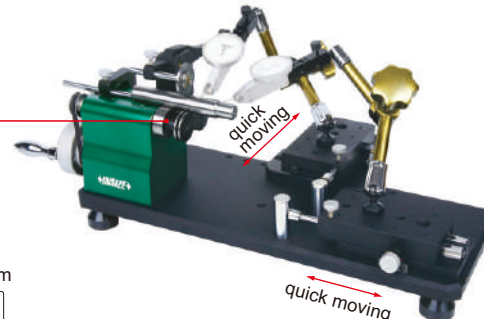
CONCENTRICITY GAGES



recommended outstretch length ≤ 30mm



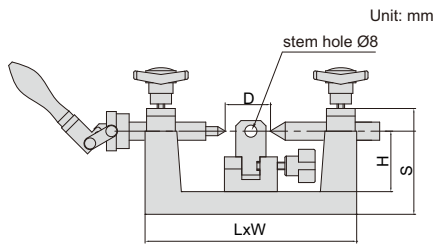
dial test indicator is not included



- With ball bearing, high stability, long working life
- Accuracy: 2μm
- Optional accessory: dial test indicator

Code	Applicable diameter
4726-1	Ø3-40mm
4726-2	Ø1-40mm

MINI BENCH CENTER



4721-75A



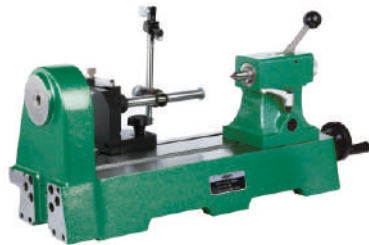
VIDEO

Code	Runout accuracy	Center height (H)	Distance between two centers (D)	Taper of center	Size (LxWxS)	Weight	Load
4721-75A	2 μ m	40mm	35-100mm	MT1	175x119x70mm	4.5kg	4kg

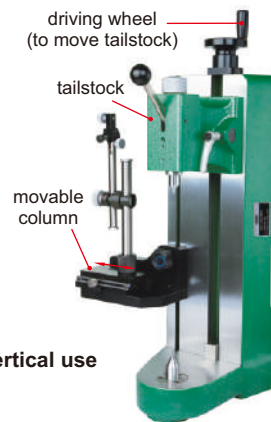
VERTICAL AND HORIZONTAL BENCH CENTER



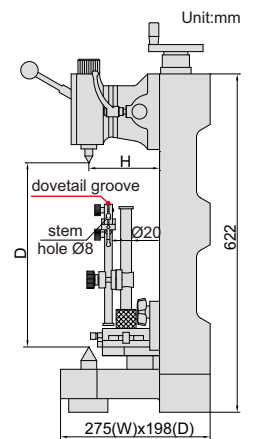
VIDEO



horizontal use



vertical use

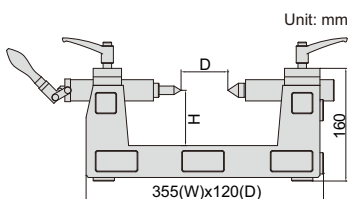


- For vertical and horizontal use
- Move tailstock by driving wheel

Code	Parallelism*	Runout accuracy	Center height (H)	Distance between two centers (D)	Taper of upper center	Taper of lower center	Weight	Load
4783-380	0.01mm	2 μ m	130mm	380mm	MT2	MT3	80kg	60kg

* Parallelism of two centers to the guide surface

VERTICAL AND HORIZONTAL BENCH CENTER



horizontal use



side use



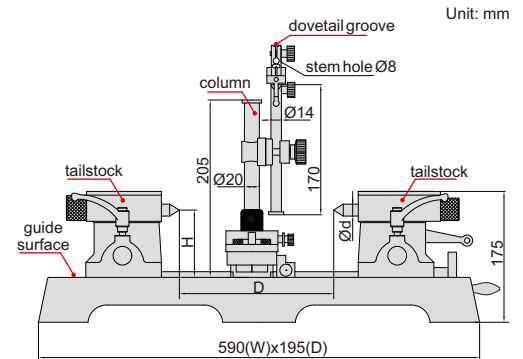
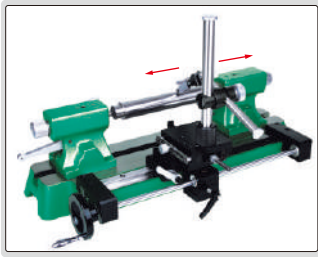
vertical use

- For vertical, side and horizontal use

Code	Runout accuracy	Center height (H)	Distance between two centers (D)	Taper of center	Weight	Load
4722-200	2 μ m	80mm	200mm	MT1/MT3	22kg	25kg

BENCH CENTER WITH STRAIGHTNESS MEASUREMENT

straightness measurement



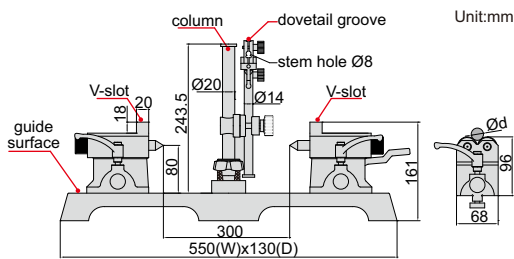
- Hardened cast-iron guide surface

4723-300

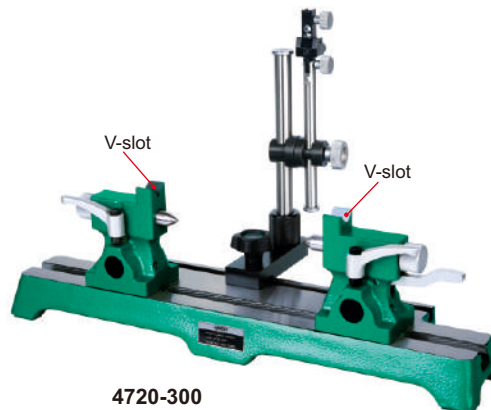
Code	Parallelism *	Runout accuracy	Accuracy of straightness measurement	Center height (H)	Distance between two centers (D)	Diameter of center (Ød)	Taper of center	Weight	Load
4723-300	4µm	2µm	0.01mm	90mm	300mm	18mm	MT2	38kg	25kg

* Parallelism of two centers to the guide surface

BENCH CENTER WITH ROLLER TAILSTOCKS



- Hardened cast-iron guide surface
- Supplied with V-slot/center tailstocks and roller tailstocks
- V-slot for cylinder Ø4~22mm
- Roller for cylinder Ø5~100mm



4720-300

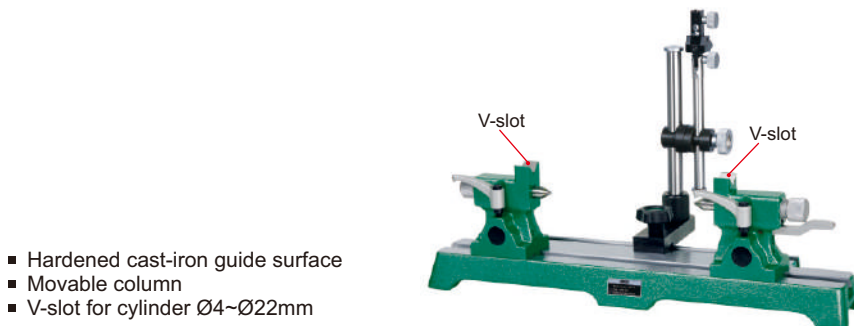
roller tailstocks (included)



Code	Parallelism *	Runout accuracy	Center height	Distance between two centers	Taper of center	Load
4720-300	0.01mm	2µm	80mm	300mm	MT1	25kg (40kg for roller tailstocks)

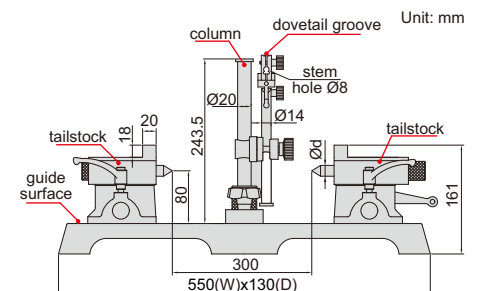
* Parallelism of two centers to the guide surface

BENCH CENTER (BASIC MODEL)



4782-300

- Hardened cast-iron guide surface
- Movable column
- V-slot for cylinder Ø4~Ø22mm



Code	Parallelism *	Runout accuracy	Center height	Distance between two centers	Diameter of center (Ød)	Load
4782-300	0.01mm	2µm	80mm	300mm	Ø16mm	25kg

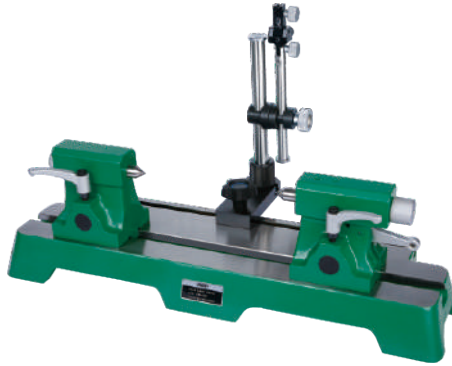
* Parallelism of two centers to the guide surface

BENCH CENTERS

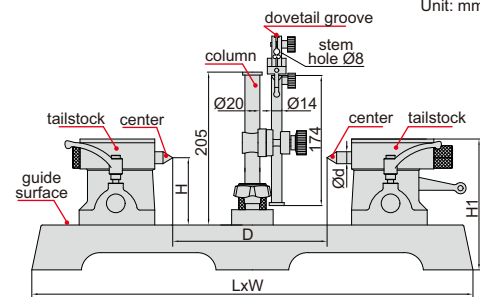


Unit: mm

- Movable column



4788-300



High accuracy (heavy weight, hardened guide surface)

(mm)

Code	Parallelism*	Runout accuracy	Center height (H)	Distance between two centers(D)	LxW	Height (H1)	Diameter of center (Ød)	Taper of center	Weight	Load
4788-300	0.010mm	2µm	90	300	590x192	175	18.0	MT2	34kg	25kg
4788-400	0.010mm	2µm	130	400	770x206	241	24.1	MT3	66kg	60kg
4788-600	0.010mm	2µm	130	600	930x220	250	24.1	MT3	90kg	60kg
4788-600H2	0.010mm	2µm	200	600	930x220	325	24.1	MT3	105kg	60kg
4788-1000	0.010mm	3µm	130	1000	1330x220	262	24.1	MT3	112kg	60kg
4788-1000H2	0.010mm	3µm	200	1000	1330x220	337	24.1	MT3	125kg	85kg
4788-1000H3	0.010mm	3µm	300	1000	1330x220	442	31.6	MT4	165kg	85kg

* Parallelism of two centers to the guide surface

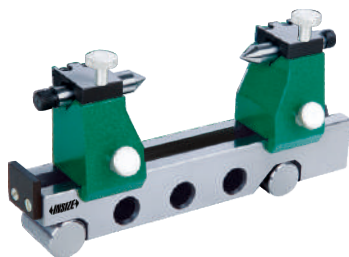
Low accuracy (light weight, guide surface is not hardened)

(mm)

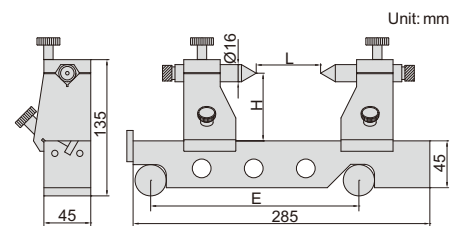
Code	Parallelism*	Runout accuracy	Center height (H)	Distance between two centers(D)	LxW	Height (H1)	Diameter of center (Ød)	Taper of center	Weight	Load
4788-D2	0.010mm	3µm	90	200	490x180	175	18.0	MT2	27kg	25kg
4788-D3	0.010mm	3µm	90	300	590x195	175	18.0	MT2	36kg	25kg
4788-D4	0.012mm	3µm	130	400	730x205	241	24.1	MT3	68kg	60kg
4788-D6	0.015mm	3µm	130	600	930x220	250	24.1	MT3	91kg	60kg
4788-D8	0.015mm	3µm	130	800	1130x220	250	24.1	MT3	99kg	60kg
4788-D10	0.015mm	3µm	130	1000	1330x220	262	24.1	MT3	116kg	60kg

* Parallelism of two centers to the guide surface

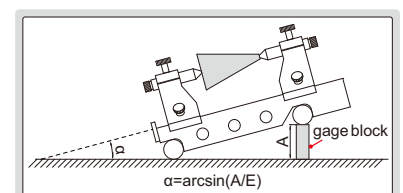
SINE BENCH CENTER



4157-200



- Check taper or runout of taper bars
- Sine bar accuracy ($\alpha=30^\circ$): ± 5 seconds



Code	Accuracy	Center height (H)	Center distance (L)
4157-200	0.01mm	65mm	200mm