

# MarStand 818

## Radial Run-Out Gage with Center Supports

### FEATURES

Radial run-out gage with center supports Unit composed of:

- Bench gage
- Flatness of the surface is in accordance to DIN 876-2
- Two T-slots for tailstock and / or support arm
- Support arm 818 XNB
- Support arm with one joint
- With fine adjustment
- Tailstocks
- Both tailstocks can be relocated (slide into position)
- The tailstock on the right side has a retractable (spring actuated) precision aligned center
- The tailstocks have a peak of height of 75 mm with a 90° prism
- For workpieces without a center, utilizing support arms, the maximum diameter is 20 mm (0.79")
- Package contains: measuring bench, measuring arm 818 XNB, center supports, excludes indicator



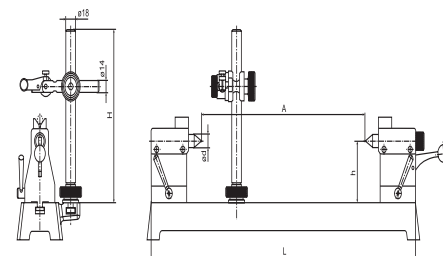
### Application:

- Fast and easy radial run-out testing between tips
- When measuring a shaft between tips, the reference axis for the radial runout measurement is usually identical to the rotational axis during production. A minimal radial run-out deviation can therefore be expected during this test procedure.

### TECHNICAL DATA

Order no.		4622200	4622201	4622202	4622203
Distance between centers	mm	0 -200	0 -350	0 -450	
Product type		818			
Height of centers	mm	50	75	100	150
T-groove width	mm	10H7		12H7	
Mounting hole		8H7			
Permitted height difference	mm	0.05			
Permitted lateral difference	mm	0.05			
Product weight	kg	8.00	12.00	35.00	38.00

Order no.	Column diameter	Dimension A	Dimension L	d	Structural dimensions (L x W) mm
	mm	mm	mm	mm	mm
4622200	18	200	350	16	350 x 110
4622201	18	350	500	16	500 x 110
4622202	18	450	700	22	700 x 180
4622203	18	450	700	22	700 x 180



### ACCESSORIES

Order no.	Product name	Product type
4622210	V-support anvils in pairs, Diameter range 3 -15 mm, suitable for center height 50 / 75 mm	818 pe
4622275	Support Arm, Column height 205 mm, T-groove width 10 mm	818 XNB
4622220	Roller supports in pairs, Diameter range 3 -30 mm, T-groove width 10 mm	818 ab
4622215	V-support in pairs, Diameter range 5 -20 mm, T-groove width 10 mm	818 pb
4622276	Support Arm, Column height 260 mm, T-groove width 12 mm	818 XNB
4622211	V-support anvils in pairs, Diameter range 8 -45 mm, suitable for center height 100 mm	818 pe
4622277	Support Arm, Column height 360 mm, T-groove width 12 mm	818 XNB
4622221	Roller supports in pairs, Diameter range 4 -60 mm, T-groove width 12 mm	818 ab
4622216	V-support in pairs, Diameter range 5 -45 mm, T-groove width 12 mm	818 pb



818 pe



818 ab



818 pb

# MarStand 818 P

## Center Bench with V-Support

### FEATURES

Center Bench with V-support Unit composed of:

- Bench gage
- Flatness of the surface is in accordance to DIN 876/1
- Two T-slots for tailstock and / or support arm
- Support arm 818 XNB
- Support arm with one joint with fine adjustment
- V-supports
- Both V-supports can be relocated (slide into position)
- Package contains: measuring bench, measuring arm 818 XNB, V-supports, excludes indicator



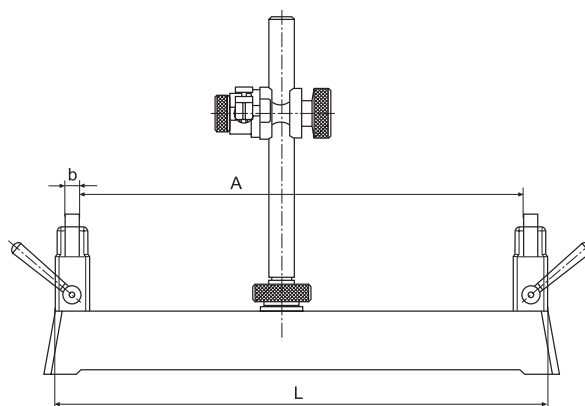
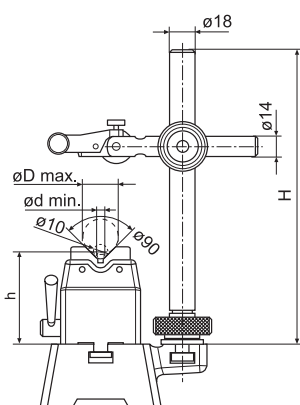
### Application:

- Fast and easy radial run-out testing of V-blocks
- Perfect for parts without a central bore
- During this test procedure, the reference axis is formed by the cylindricity (circumferential surface) of an actual bearing point, e.g. at a transmission shaft. Possible roundness deviations of the cylindrical surface are included in the radial run-out measurement result in accordance with the V-angle. This test is thus more functional than measuring between the tips.

### TECHNICAL DATA

Order no.	4622260	4622261	4622262	
Product type	818 P			
Height of V-supports	mm	70	120	
Diameter range	mm	5 - 20	5 - 45	
T-groove width	mm	10H7	12H7	
Mounting hole	8H7			
Permitted height difference	mm	0.05		
Permitted lateral difference	mm	0.05		
Product weight	kg	6.50	9.50	30.00

Order no.	Column diameter	Dimension A	D	Dimension L	b	d	Structural dimensions (L x W) mm
	mm	mm	mm	mm	mm	mm	mm
4622260	18	315	25	350	9.6	5	350 x 110
4622261	18	465	25	500	9.6	5	500 x 110
4622262	18	650	50	700	13.6	5	700 x 180



### ACCESSORIES

Order no.	Product name	Product type
4622275	Support Arm, Column height 205 mm, T-groove width 10 mm	818 XNB
4622276	Support Arm, Column height 260 mm, T-groove width 12 mm	818 XNB
4622277	Support Arm, Column height 360 mm, T-groove width 12 mm	818 XNB

# MarStand 818 R

## Center Bench with Roller Support

### FEATURES

Center bench with roller support  
Unit composed of:

- Bench gage
- Flatness of the surface is in accordance to DIN 876/1
- Two T-slots for tailstock and / or support arm
- Support Arm 818 XNB
- Support arm with one joint
- With fine adjustment
- Roller supports
- Both Roller supports can be relocated (slide into position)
- **Package contains:** measuring bench, measuring arm 818 XNB, balancing supports, excludes indicator



### Application:

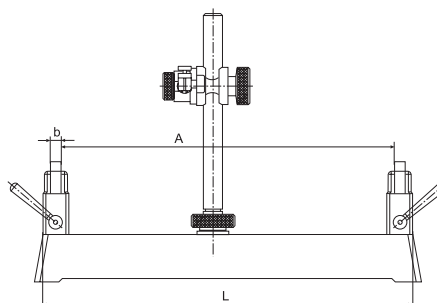
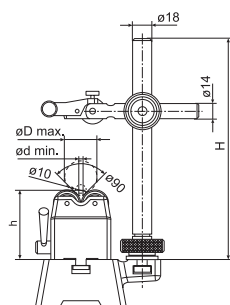
- Fast and easy radial run-out testing of anti-friction bearing mounted rollers
- Perfect for smooth-running and seamless rotation of the workpiece, especially heavy parts without a central bore
- During this test procedure, the reference axis is formed by the cylindricity (circumferential surface) of an actual bearing point, e.g. at a transmission shaft. Possible roundness deviations of this cylindrical surface can be included in the radial run-out measurement result in accordance with the surface angle.

This test is thus more functional than measuring between the tips.

### TECHNICAL DATA

Order no.		4622250	4622251	4622252
Product type		818 R		
Height of roller supports	mm	65		100
Height of V-supports	mm	65		100
Diameter range	mm	3 –30		4 –60
T-groove width	mm	10H7		12H7
Mounting hole		8H7		
Permitted height difference	mm	0.05		
Permitted lateral difference	mm	0.05		
Product weight	kg	6.50	9.50	30.00

Order no.	Column diameter	Dimension A	D	Dimension L	b	d	Structural dimensions (L x W) mm
	mm	mm	mm	mm	mm	mm	mm
4622250	18	315	25	350	8	3	350 x 110
4622251	18	465	25	500	8	3	500 x 110
4622252	18	650	50	700	12	5	700 x 180



### ACCESSORIES

Order no.	Product name	Product type
4622275	Support Arm, Column height 205 mm, T-groove width 10 mm	818 XNB
4622276	Support Arm, Column height 260 mm, T-groove width 12 mm	818 XNB
4622277	Support Arm, Column height 360 mm, T-groove width 12 mm	818 XNB