For angle measurement

object being

measured

# No.19 Graduation on blade

PROTRACTOR No.19





## MATERIALS • Stainless steel (SUS420J2)

## **FEATURES**

- Graduation on blade
- With rectangle head
- The blade is firmly set on the center of the protractor by a knurled nut and adjustable to any desired angle for use as a protractor
- Also can measure depth

## SPECIFICATIONS

- Protractor size: (H)52mm  $\times$  (W)90mm  $\times$  (T)1.2mm
- Graduation: 1°
- Maximum angle: 180°
- Accuracy: ± 20 '
- $\bullet$  Blade size : (L)177mm  $\times$  (T)1.2mm 150mm scale (Graduation: 0.5mm)

Order No.	Model No.	Weight		
008000	PRT-15	80g		

# **PROTRACTOR No.19**



#### No.19 with two blades



#### **MATERIALS** LEVELNIC

**ANGLE** 

PRECISION

**ANGLE** 

**LEVEL** 

LEVEL

**PROTRA** 

**CTOR** 

**IFVFI** 

• Stainless steel (SUS420J2)

#### **FEATURES**

- With 2 blades
- Can measure acute angle down to 10°
- Satin finish

#### **SPECIFICATIONS**

- Graduation: 1°
- Maximum angle: 180°
- Accuracy: ± 20 °
- Size:  $\phi$  90mm  $\times$  (T)1.2mm
- Blade size: (L)204 × (T)1.2mm

Order No.	Model No.	Weight
008002	PRT-19SW	110g

## **MATERIALS**

• Stainless steel (SUS420J2)

#### **FEATURES**

- Graduation on blade
- Polished finish

#### SPECIFICATIONS

• Protractor size :  $\phi$  90mm × (T)1.2mm

- Graduation : 1
- Maximum angle: 180°
- Accuracy : ± 20 ′
- Blade size: (L)204mm × (T)1.2mm 100mm scale (Graduation: 1mm)

Order No.	Model No.	Weight
008001	PRT-19	81g

## **PROTRACTOR No.19**



#### No. 19 Satin finish



## MATERIALS

- Stainless steel (SUS420J2)
- **FEATURES** 
  - Graduation on blade
  - Satin finish

## SPECIFICATIONS

- Graduation: 1
- Maximum angle: 180°
- Accuracy: ± 20 ′
- Size:  $\phi$  90mm  $\times$  (T)1.2mm
- Blade size: (L)204mm × (T)1.2mm 100mm scale (Graduation: 1mm)

Order No.	Model No.	Weight	
008003	PRT-19S	81g	







## MATERIALS

• Stainless steel (SUS420J2)

#### FEATURES

- Cutout for measuring small angle
- Polished finish

#### SPECIFICATIONS

• Protractor size :  $\phi$  90mm × (T)1.2mm

• Graduation: 1 ° Maximum angle: 90° • Accuracy ± 20 '

• Blade: (L)204mm × (T)1.2mm

Order No.	Model No.	Weight
008004	PRT-19A	90g

# **PROTRACTOR No.182**





### **MATERIALS**

• Stainless steel (SUS420J2)

#### FEATURES

- Protractor blade contains stop for setting a baseline angle and measuring against that set point
- Polished finish

## **SPECIFICATIONS**

• Protractor size :  $\phi$  90mm × (T)1.2mm

 Graduation: 1° Maximum angle: 180° • Accuracy: ± 20 '

• Blade: (L)204mm × (T)1.2mm

Order No.	Model No.	Weight
008005	PRT-19B	90g

# PROTRACTOR No.183





## MATERIALS

• Stainless steel (SUS420J2)

#### **FEATURES**

- Center lock nut has a built in needle for marking center point
- Satin finish

#### SPECIFICATIONS

• Protractor size :  $\phi$  90mm × (T)1.2mm

 Graduation: 1 ° Maximum angle: 180° Accuracy: ± 20 ′

• Blade : (L)204mm × (T)1.2mm

Order No.	Model No.	Weight		
008182	PRT-182S	155g		



## **MATERIALS**

• Stainless steel (SUS420J2)

### **FEATURES**

• With rectangle head

Satin finish

#### **SPECIFICATIONS**

• Protractor size: (H)52mm  $\times$  (W)90mm  $\times$  (T)1.2mm

Graduation: 1°

 Maximum angle: 180° Accuracy: ± 20 ′

• Blade: (L)204mm × (T)1.2mm

Order No.	Model No.	Weight
008183	PRT-183S	90g

ANGLE

LEVELNIC

PRECISION I FVFI

**ANGLE** LEVEL

LEVEL

**PROTRA CTOR** 







# MATERIALS

• Stainless steel (SUS420J2)

#### **FEATURES**

- Angle measurement
- Satin finish

#### **SPECIFICATIONS**

ullet Protractor size :  $\phi$  120mm imes Thickness 1.5mm

• Graduation: 1

 $\bullet$  Maximum angle : 180  $^\circ$ Accuracy: ± 15 ′

• Blade size : (L)315mm  $\times$  (T)1.5mm

Order No.	Model No.	Weight
008030	PRT-30S	190g



## **MATERIALS**

• Stainless steel (SUS420J2)

## FEATURES

- Blade can be fixed. Ideal for work requiring high accuracy
- Satin finish

#### **SPECIFICATIONS**

ullet Protractor size :  $\phi$  120mm imes (T)1.5mm

• Graduation: 1

 Maximum angle: 180° • Accuracy : ± 15 ′

• Blade size :  $304mm \times (T)1.5mm$ 

Order No.	Model No.	Weight
008101	PRT-101S	158g

## PROTRACTOR No.300 • No.400 • No.600 • No.1000





## **PRT-400S**

#### **ANGLE**

LEVELNIC

PRECISION LEVEL

ANGLE LEVEL

LEVEL

**PROTRA CTOR** 

MATERIALS	100	
<ul><li>Stainless steel (SUS420J2)</li></ul>		-
FEATURES		_
<ul><li>Large size protractors</li><li>Satin finish</li></ul>	PRT-400SW	777
SPECIFICATIONS		_
• Graduation : 0.5 °		
<ul><li>Maximum angle: 180°</li><li>Accuracy: ± 15′</li></ul>		

Order No.	Model No.	Size	Diameter (mm)	Thickness (mm)	Number of blade	Blade Length (mm)	Blade Thickness (mm)	Graduation on Blade	Weight
008300	PRT-300S	300mm	210	2.0	1	500	2.0	300mm (1mm step)	610g
008400	PRT-400S	400mm	250	2.0	1	634	2.0	400mm (1mm step)	700g
008600	PRT-600S	600mm	320	2.5	1	823	2.5	600mm (1mm step)	1.6kg
008700	PRT-1000S	1000mm	320	2.5	1	1260	2.5	1000mm (1mm step)	2kg
008302	PRT-300SW	300mm	210	2.0	2	489	2.0	300mm (1mm step)	670g
008402	PRT-400SW	400mm	250	2.0	2	634	2.0	400mm (1mm step)	1.1kg
008602	PRT-600SW	600mm	320	3.2	2	823	2.5	600mm (1mm step)	2.45kg
008702	PRT-1000SW	1000mm	320	3.2	2	1260	2.5	1000mm (1mm step)	3.15kg