

**COMBINATION SQUARE SETS****(3 & 4 Pc.)**

MIT SERIES 180:

**Mitutoyo****SQUARE HEAD****CENTER HEAD****PROTRACTOR HEAD****COMPONENTS**

Order No.	Price	Length	Graduations
BLADES ONLY			
180401		6	8, 16, 32, 64ths (4R)
180402		6	32, 64, 50, 100ths (16R)
180403		6" x 150mm	32, 64ths, 1, 1/2mm
180405		150mm	1, 1/2, 1, 1/2mm
180501		12	8, 16, 32, 64ths (4R)
180502		12	32, 64, 50, 100ths (16R)
180503		12" x 300mm	32, 64ths, 1, 1/2mm
180505		300mm	1, 1/2, 1, 1/2mm
180701		18	8, 16, 32, 64ths (4R)
180702		18	32, 64, 50, 100ths (16R)
180703		18" x 450mm	32, 64th, 1, 1/2mm
180705		450mm	1, 1/2, 1, 1/2mm
180601		24	8, 16, 32, 64ths (4R)
180602		24	32, 64, 50, 100ths (16R)
180603		24" x 600mm	32, 64, 1, 1/2mm
HEADS ONLY			
180101		Hardened Cast Iron	
180102		Square Head for 6" models	
180201		Square Head for 12-24" & 300-450mm models	
180202		Center Head for 6" models	
		Center Head for 12-24" & 300-450mm models	
		Cast Iron - Not Hardened	
180111		Square Head for 6" models	
180112		Square Head for 12-24" & 300-450mm models	
180211		Center Head for 6" models	
180212		Center Head for 12-24" & 300-450mm models	
180301	Protractor Head for 12-24" & 300-450mm models		
ACCESSORIES			
990003		Clamp for 12-24" & 300-450mm models	
990009		Clamp for 6" Square & Center Heads	
990010		Clamp for 6" Center Head	
990011		Clamp for Protractor Head	
990006		Scriber for Square Head	

Set No.	Price	Blade		Square Head	Center Head	Protractor Head
		Desc.	No.			
INCH						
180801		6" 4R	180401	180111**	180211**	
180802		6" 16R	180402	180111**	180211**	
180803		12" 4R	180501	180112**	180212**	
180804		12" 16R	180502	180112**	180212**	
180805		12" 4R	180501	180112**	180212**	
180806		12" 16R	180502	180112**	180212**	
180901		6" 4R	180401	180101*	180201*	
180902		6" 16R	180402	180101*	180201*	
180903		12" 4R	180501	180102*	180202*	
180904		12" 16R	180502	180102*	180202*	
180905		12" 4R	180501	180102*	180202*	
180906		12" 16R	180502	180102*	180202*	
INCH / METRIC						
180807		12"/300mm	180503	180112**	180212**	180301**
180907		12"/300mm	180503	180102*	180202*	180301**
METRIC						
180810		300mm	180505	180112**	180212**	180301**
180910		300mm	180505	180102*	180202*	180301**

\* Hardened Cast Iron Heads

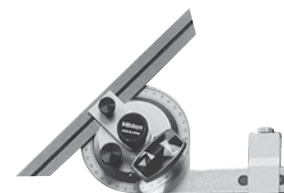
\*\* Non-Hardened Heads

**UNIVERSAL BEVEL PROTRACTOR**

SERIES 187:

**FEATURES**

- Hardened stainless steel, rust and wear resistant for long life.
- Flush-reading, no parallax error, gives a high degree of accurate measurements.
- With Magnifier glass for easier and faster reading.

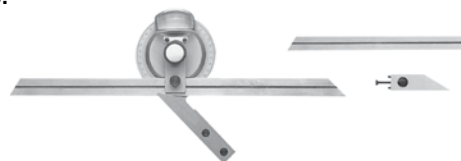
**Mitutoyo**

Order No.	Price	Graduation		Includes
		Dial	Vernier	
187904		1°	5 min	6" blade (187104) & Clamp box for Inch Height Gage (950749)
187906		1°	5 min	12" blade (187103) & Clamp box for Inch Height Gages (950749)
<b>ACCESSORIES</b>				
187-103				12" blade
187-104				6" blade
187-105				Acute angle attachment
950749				Clamp box for Inch Height Gages
950750				Clamp box for Metric Height Gages

UNIVERSAL BEVEL  
PROTRACTORS WITH VERNIER,  
ULTRA-FINE ADJUSTMENT AND  
ACUTE ANGLE ATTACHMENT  
STARRETT SERIES C359:



UNIVERSAL BEVEL  
PROTRACTOR  
SERIES 228:



This precision instrument with magnifying lens has the features of an optical protractor. The rotating disc is graduated in 4 x 90°. Made of stainless steel with satin-chrome finish for easy reading. Permits setting and reading to 5 minutes or 1/12°. Included are 6" and 12" hardened blades and an acute angle attachment. Supplied in fitted case.

Ordering No. 1575000

Price

Any angle up to 360° can be laid out, or measured to 5 minutes or 1/12 degree with this tool. Acute angle attachment for measuring or laying out small angles furnished with tool. One side of tool flat which permits laying flat on work or paper. Satin Chrome finish. Fitted case.

- Blades can be rotated to the desired angle and adjusted to the desired length.
- Both the dial and the blade can be locked independently.
- Flush surfaces on the base permits use on vernier height gages.

Bevel Protractor  
including 7 & 12" blades

Catalog No.	EDP No.	Price
C359FZ	51398	

Acute Angle Attachment

Catalog No.	EDP No.	Price
PT99329	51392	

UNIVERSAL BEVEL  
PROTRACTOR -  
WITH DIAL READING  
SERIES 228:



- Direct reading to 5 minutes from 1-3/8" diameter dial.
- Two-color rotating disc shows 10° graduations and direction of indication in window.
- Two-color fixed dial clearly indicates the measured values in far spread degree and 5 minute increments.
- Indicating range 4 x 90°.
- Stainless steel head and blades, hardened and ground.
- Head satin chromed. Positive locks.
- High accuracy and extreme versatility.
- Includes: Bevel Protractor, 12" blade, acute angle attachment, case.



Order No. 2280000

Price

STEEL PROTRACTORS  
STARRETT SERIES C19, C183:



C19



C183

Useful for setting bevels, transferring angles and as small T-square. Graduated 0 to 180 degrees both directions. Six inch blade may be locked in position by tightening knurled nut. Flat back allows use for drafting. Satin Chrome finish.

Catalog No.	EDP No.	Blade Length	Range	Price
C19	50127	6"	0 to 180°	
C183	50672	6"	0 to 180°	



While we show the most popular  
**Starrett** items, we can supply their entire  
range of products; please inquire.

**DEPTH AND ANGLE GAGES**

SERIES 243:

**MEGA**  
Superior Import

- Hardened and ground steel body.
- Spring tension knurled nut for easy depth measurement and locking.
- Fitted with stainless steel rule graduated 64th one side and 0.5 mm on reverse.
- Rule measures 7/32" (5.5mm) wide and .041" (1.05mm) thick.
- Angular depth gage has an added feature permitting its use as a protractor for measuring angles.

Order No.	Description	Length	Body Dimension	Price
1655001	Plain Depth Gage	6"(150mm)	1-1/2 x 2-1/4 x 1/8" 40 x 58 x 3.2mm	
1655000	Angular Depth Gage	6"(150mm)	1-1/2 x 2-1/4 x 1/8" 40 x 58 x 3.2mm	

**COMBINATION DEPTH AND ANGLE GAGE**

SERIES 243:



Head is made of hardened steel with protractor graduations in 30°, 45°, and 60° angles. The base surface measures 2-1/2" x 1/8" thick. The 6" rule has 32nds or mm graduations on one side and 64ths or 1/2mm on the other side. A 6" rod is included for measuring depths in narrow places.

Description	Order No.	Price
Inch	1655002	
Metric	1655003	

**PROTRACTOR / DEPTH GAGE**

SERIES 243:

**MEGA**  
Superior Import

- Graduated from 0-180°
- Spring tension nut to secure rule to desired depth and angle.
- Narrow 6" (150mm) rule graduated 64th on one side and 0.5mm at reverse.



Order No.	Description	Price
2431015	Round	
2431020	Rectangular	

**RULE DEPTH GAGE**

STARRETT SERIES 237:

**Starrett**

Consists of case hardened steel head, 2-5/8" long by 1/8" thick / 66 x 3mm, and 6"/150mm tempered steel rule fitted to slot in head. Rule locked in position by knurled nut and friction spring.

Length	Graduated	Catalog No.	EDP No.	Price
6"	32nds, 64ths	237	51080	
150	mm, 1/2 mm	237M	51081	

**COMBINATION DEPTH AND ANGLE GAGE**

STARRETT SERIES 236:



Can be used as depth gage by simply reversing the rule, as protractor for measuring 30, 45 and 60 degree angles and, if rule is removed, it can be used separately. Hardened, polished steel head measures 2-5/8" (66mm) long x 1/8" (3mm) thick. Steel rule can be locked in any position.

Length	Rules Graduations	Degrees	Catalog No.	EDP No.	Price
6"	32nds, 64ths	30°, 45°, 60°	236	51074	

**PROTRACTOR AND DEPTH GAGE**

STARRETT SERIES 493, C493B:

**Starrett**

Combining protractor head graduated from 0 to 180 degrees in opposite directions with 6 inch blade graduated one side in 32nds and on reverse side in 64ths. Blade adjusts to any angle and may be clamped anywhere along its length by knurled thumb nut. Flat surface on back of the head permits laying tool flat on paper or work.

Catalog No.	EDP No.	Description	Price
493	52532	Semi-Circular Head	
C493B	52534	Rectangular-Head	