

**PRECISION SQUARES**  
**SERIES 229:**



Accurately made of fine grade tool steel. Ground and polished blade and beam. Hardened and tempered blade. Suitable for precise layout and measuring. Length of blade is measured from inner edge of beam to end of blade.



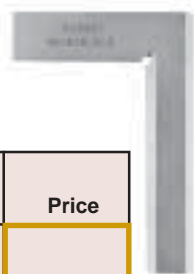
In/mm	In/mm	Squareness of Blade	Order No.	Price
2/50	2/50	.001"/25 microns	<b>1580002</b>	
3/75	2-1/2/63	.001"/25 microns	<b>1580003</b>	
4/100	3/75	.001"/25 microns	<b>1580004</b>	
6/150	4/100	.001"/25 microns	<b>1580006</b>	
9/225	6/150	.001"/25 microns	<b>1580009</b>	
12/300	8/200	.002"/50 microns	<b>1580012</b>	
18/450	10/250	.0038"/90 microns	<b>1580018</b>	
24/600	13/33	.0038"/90 microns	<b>1580024</b>	

Set includes:  
**2", 3", 4" & 6"**  
 in a wooden case.

Order No. **2290000** Price:

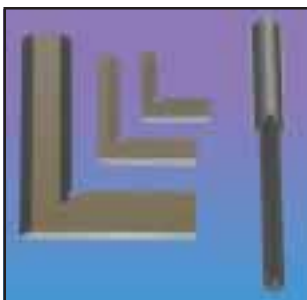
**BEVEL EDGE SQUARES**  
**SERIES 230:**

Made from a single piece of high grade tool steel. Entire square is hardened, accurately ground, and lapped for straightness and parallelism. Blades are beveled on both edges of each side.



Size & Lgth. of Blade	Lgth. of Beam	Order No.	Price
1-3/8	1	<b>1585001</b>	
2-3/8	1-3/8	<b>1585002</b>	
3-1/8	2	<b>1585003</b>	
4	2-1/2	<b>1585004</b>	
5	3	<b>1585005</b>	
6-3/4	4	<b>1585006</b>	
8-1/2	5-1/8	<b>1585008</b>	
10-1/2	6-3/8	<b>1585010</b>	

**DIE MAKERS' SQUARE SET**  
**SERIES 231:**



Especially made for precise miniature layout. Set consists of three hardened bevel edged squares 3/4", 1-1/4", and 2-3/8" long, plus a 1-1/2" triangular straight edge with a removable handle. Includes fitted case.

Order No. **1590000** Price:

**STEEL SQUARES**  
**MIT SERIES 916:**



All edges are hardened and precision ground.

**Beveled Edge Squares**

Size	Order No.	Outs. Dim.	Squareness	Price
2	<b>916100</b>	2 x 1.6	.00010	
3	<b>916101</b>	3 x 2	.00011	
4	<b>916102</b>	4 x 2-3/4	.00012	
6	<b>916103</b>	6 x 4	.00014	
8	<b>916104</b>	8 x 5	.00018	

**Regular Squares**

Size	Order No.	Outs. Dim.	Squareness	Price
3	<b>916401</b>	3 x 2	.00026	
4	<b>916402</b>	4 x 2-2/3	.00028	
6	<b>916403</b>	6 x 4	.00032	
8	<b>916404</b>	8 x 5	.00036	
10	<b>916405</b>	10 x 6-1/2	.00040	
12	<b>916406</b>	12 x 8	.00044	
16	<b>916407</b>	16 x 10	.00052	
20	<b>916408</b>	20 x 12	.00059	
30	<b>916409</b>	30 x 16	.00080	
40	<b>916410</b>	40 x 20	.00116	

**MASTER PRECISION SQUARES**  
**STARRETT SERIES 20:**



Recommended for use where extreme accuracy is required. Beams and blades are of high quality tool steel hardened, ground and lapped to insure parallelism and straightness. Beam is grooved at inner corner for clearance of burr or dirt. Squareness accuracy to .0001"/ 0.0025mm every 6" (150mm).



Length of Blade*	Length of Beam	Catalog No.	EDP No.	Price
1-1/2" / 40mm	1-1/2" / 40mm	20-1-1/2	<b>50128</b>	
3" / 75mm	2-3/8" / 60mm	20-3	<b>50130</b>	
4-1/2" / 115mm	3-1/2" / 90mm	20-4-1/2	<b>50132</b>	
6" / 150mm	4-5/16" / 110mm	20-6	<b>50134</b>	
12" / 300mm	7" / 180mm	20-12	<b>50136</b>	
24" / 600mm	12-5/16" / 310mm	20-24	<b>50140</b>	
36" / 910mm	20" / 500mm	20-36	<b>50142</b>	

\*Measured from the inner edge of the beam to the end of the blade. Sent without case unless otherwise ordered. Cases available for squares through 12" (300mm) by ordering **No. 20ZZ** and size.

## CYLINDER SQUARES SERIES 236:

These squares are hardened, and the ends are lapped to 90° angular accuracy with the cylinders as follows: 6" square to ± .00010", 12" square to ± .00015". Includes fitted case.

Height	Diameter	Order No.	Price
6	3	1620003	
12	4	1620004	



## DOUBLE SQUARES STARRETT SERIES 13:



Double squares are popular with machinists, tool and pattern makers. Hardened, sliding blades are adjustable for a wide variety of uses. Faces of head are ground square. 6"/150mm size is equipped with a level, head is approximately 3-1/2" (90mm) long, and the faces approximately 9/16" (14mm) wide.

## GRADUATED STEEL SQUARES SERIES 229:

- Made of tool steel.
- Square accurate both inside and outside
- Etched fine graduations in inches and millimeters



Blades are graduated in 8ths, 16ths, 32nds, 64ths (1mm both Edges one Side; and 1mm and 1/2mm Reverse Side). Bevel blade has octagon angle at one end and hexagon angle at other end clearly marked. Drill grinding blade is beveled to 59° and 41° and both ends have quick reading machine-divided graduations in 64ths, and graduation is located to measure perpendicularly to axis of the drill. By reading graduations, center point can be easily and accurately located.

Order No.	Length of blade		Price
	Inch	mm	
2294100	4	100	
2296150	6	150	
2296200	8	200	
2299225	9	225	
2291230	12	300	

Size	Description	Catalog No.	EDP No.	Price
4"	With graduated blade only	13A	50109	
4	With graduated and bevel blades	13B	50110	
6	With graduated blade only	13C	50111	
6	With graduated and bevel blades	13E	50112	
6	Complete with graduated, bevel, and drill grinding blades	13F	50113	
100mm	With Graduated Blade only	13MA	56278	
100mm	With Graduated and Bevel Blades	13MB	56279	
150mm	With Graduated blade only	13MC	56280	
150mm	With Graduated and Bevel Blades	13ME	56263	

## CENTER SQUARE SERIES 229:

- Made from ground tool steel.
- Hardened and tempered blade.
- Useful square for rapid location of round bar or disc center.
- To execute, place the round bar between the centre square. Scribe different lines on the work piece each time changing its position. Center of the scribed lines will give the accurate center of the work piece.



Max. Work Diameter		Order No.	Price
Inch	mm		
1-1/2	38	2290112	
3	75	2290375	

## MASTER PRECISION SQUARES WITH BEVELED EDGES STARRETT SERIES 55:



Similar to Starrett hardened squares except that blades are beveled on both edges of each side, providing practically a line contact with work. Beam and blade are hardened, ground and lapped to insure parallelism and straightness. The beam is grooved at inner corner for clearance of burr and dirt.

Length of Blade*	Length of Beam	Catalog No.	EDP No.	Price
1-1/2" / 40mm	1-1/2" / 40mm	55-1-1/2	50277	
3" / 75mm	2-3/8" / 60mm	55-3	50279	
4-1/2" / 115mm	3-1/2" / 90mm	55-4-1/2	50281	
6" / 150mm	4-5/16" / 110mm	55-6	50283	

\*Measured from the inner edge of the beam to the end of the blade. Sent without case unless otherwise ordered. Cases available for squares through 12" (300mm) by ordering No. 55ZZ and size.

## DIE MAKERS' SQUARES STARRETT SERIES 453:



Larger knurled thumb screw locks sliding blades at any position, and smaller one tilts blades at an angle. To set blades, release blade clamp screw, and tilt blade to desired angle by turning small knurled screw. Blade held in position by tightening clamping screw. Head and blades hardened and ground. Offset blade, used where it would be impossible to sight straight blade, protrudes from square about 1-1/2" (38mm) and is 1/8" (3mm) wide. Both sides of each edge are beveled to give line contact.

The inch reading blade is graduated on one side, upper edge in 32nds, lower edge in 64ths and the millimeter reading blade is graduated in millimeter and 1/2 millimeter. The bevel blade is approx. 2-1/2" (63mm) long x 1/2" (12.5mm) wide and is beveled to 30° on one end and 45° on the other.

The narrow graduated blade has 32nds graduation on one side, and 64ths on the other. It is 5/32" (4mm) wide over a length of approx. 1-5/8" (41mm) and cut away at one end to a width of 3/32" (2.4mm).

Description	Catalog No.	EDP No.	Price
<b>Inch Reading - Graduation 32nds, 64ths</b>			
With standard graduated blade Complete with standard, bevel narrow, and offset blades in case	453A 453EZ	52345 52351	
<b>Millimeter Reading - Graduation mm and 1/2 mm</b>			
With standard graduated blade Complete with standard, bevel, narrow, and offset blades in case	453MA 453MEZ	52346 52352	

## DOUBLE STEEL SQUARES WITH HARDENED AND GROUND HEAD AND BLADES STARRETT SERIES 14:



These fine precision double steel squares are designed for tool and diemakers. Blades are adjustable for use in places not possible with stationary blade squares. A knurled clamping nut accurately locks the blades in any position.

The inch reading blade is graduated on one side, upper edge in 32nds and lower edge in 64ths and the millimeter reading blade is graduated in mm and 1/2 mm.

The bevel blade for checking angles is beveled 45° on one end and 30° on the other end.

The narrow graduated blade is 2-1/4" (58mm) long with 32nds graduation on one side, and 64ths on the other. It is 5/32" (4mm) wide over a length of approximately 1-5/8" (41mm) and cut away at one end to a width of 3/32" (2.4mm). Millimeter blades are mm on one side and 1/2 mm on the other.

## DIE MAKERS' SQUARES WITH ANGULAR ADJUSTMENT STARRETT SERIES 457:



This is a highly useful tool for tool and diemakers, especially for measuring die clearances. It is also very handy for pattern makers to check angles and drafts on patterns.

The beam of this square is graduated to show the setting in degrees of the blades. Blades can be set for any angle up to 10°, either side of 0° and the angle is indicated by the line on the pointer.

The graduated blade has 32nds of an inch on one side, and 64ths on the other. It is 5/32" (4mm) wide over a length of approximately 1-5/8" (41mm) and cut away at one end to a width of 3/32" (2.4mm).

The offset blade, which is used where it would be impossible to insert the straight blade, protrudes from the square about 1-1/2" (38mm). It is 1/8" (3mm) wide and both sides of each edge are beveled to give visual line contact.

The beam is beveled adjacent to the blade so that the blade is readily visible when checking in holes, slots, etc. Blades and beams are hardened and ground.

### Angular Range 10°-0°-10°

Description	Catalog No.	EDP No.	Price
With Straight Blade Only	457A	52428	
Complete, With Straight and Offset Blades	457C	52429	



Size	Grad.	Description	Catalog No.	EDP No.	Price
<b>Inch Reading - 32nds, 64ths</b>					
2-1/2"	32nds, 64ths	With graduated blade only	14A	50117	
		Complete with graduated narrow, and bevel blades	14D	50118	
<b>Millimeter Reading - mm both edges One Side; 1/2 mm Reverse Side</b>					
50mm	mm, 1/2mm	With graduated blade only	14MA	56260	
		Complete with graduated narrow, and bevel blades	14MD	9956261	

## DOUBLE SQUARE SERIES 234:

Ideal for precision layout work. Blades are hardened and tempered with a satin-chrome finish.



Size of Blade	Grad.	Order No.	Price
4	4R	1610004	
4	16R	1610014	
4	E/M	1610024	
6	4R	1610006	
6	16R	1610016	
6	E/M	1610026	

## COMBINATION SQUARE SET - 4 PIECE SERIES 233:



Hardened and Ground. Set includes 12" stainless steel chrome plated blade with 4R inch (8ths, 16ths, 32nds, 64ths) graduations, double indexed and reversible Protractor Head with full 180° graduation and spirit level, Square Head with level and scriber, and Center Head.

Order No. 1600112 Price:



## COMBINATION SQUARES SERIES 233:



- Blades are fully hardened and tempered.
- Reversible protractor heads for hardened squares.
- Double-indexed protractor is graduated 180° in both directions.
- Finished in baked enamel.
- Square Head has level and scriber point.
- Micro-fine blade graduation.
- Easy to read satin chrome finished blades.
- Sets with cast heads or with hardened heads.

**Blade Graduations:**  
**4R** - 8ths, 16ths, 32nds, 64ths,  
**16R** - 32nds, 64ths, 50ths, 100ths  
**E/M** - 32nds, 0.5mm, 64ths, mm  
**M** - mm, 0.5mm, mm, 0.5mm

### 4 PIECE COMBINATION SQUARE SETS



**STANDARD SETS** include cast Square Head, cast Center Head, non-reversible Protractor Head, and hardened chrome plated Blade.

**HARDENED SETS** include hardened Square Head, hardened Center Head, reversible Protractor Head and hardened chrome plated Blade.

STANDARD SETS				HARDENED SETS			
Size of Blade	Grad.	Order No.	Price	Size of Blade	Grad.	Order No.	Price
12"	4R	2331200		12"	4R	2331250	
12	16R	2331201		12	16R	2331251	
12	E/M	2331202		12	E/M	2331252	
18	4R	2331800		18	4R	2331850	
18	16R	2331801		18	16R	2331851	
18	E/M	2331802		18	E/M	2331852	
24	4R	2332400		24	4R	2332450	
24	16R	2332401		24	16R	2332451	
24	E/M	2332402		24	E/M	2332452	
300mm	M	2331203		300mm	M	2331253	
450mm	M	2331803		450mm	M	2331853	
600mm	M	2331603		600mm	M	2331653	

### 3 PIECE COMBINATION SQUARE SETS

Similar to 4 piece COMBINATION SQUARE SETS but without Protractor Head. Sets consist of Square Head, Center Head, and Hardened Chrome Plated Blade.



STANDARD SETS				HARDENED SETS			
Size of Blade	Grad.	Order No.	Price	Size of Blade	Grad.	Order No.	Price
6"	4R	2330600		6"	4R	2330650	
6	16R	2330601		6	16R	2330651	
6	E/M	2330602		6	E/M	2330652	
12	4R	331200		12	4R	9331250	
12	16R	331201		12	16R	331251	
12	E/M	331203		12	E/M	331253	
18	4R	331800		18	4R	331850	
18	16R	331801		18	16R	331851	
18	E/M	331803		18	E/M	331853	
24	4R	332400		24	4R	332450	
24	16R	332401		24	16R	332451	
24	E/M	332403		24	E/M	332453	
150mm	M	2330603		150mm	M	2330653	
300mm	M	331204		300mm	M	331254	
450mm	M	331804		450mm	M	331854	
600mm	M	332404		600mm	M	332454	

For 2 piece sets consisting of blade and square head see next page and order each piece separately.

# COMBINATION SQUARE COMPONENTS

## SERIES 233:

Individual components for assembling 2 piece, 3 piece, and 4 piece SQUARE SETS.



## SQUARE BLADES

Size	Grad.	Order No.	Price	Size	Grad.	Order No.	Price
4	4R	1605004		18	4R	1605018	
4	16R	1605904		18	5R	1605518	
4	E/M	1606004		18	16R	1605918	
6	4R	1605006		18	E/M	1606018	
6	16R	1605906		24	4R	1605024	
6	E/M	1606006		24	16R	1605924	
12	4R	1605012		24	E/M	1606024	
12	5R	1605512		100mm	M	9605100	
12	16R	1605912		150mm	M	1605150	
12	E/M	1606012		300mm	M	9605300	
				450mm	M	1605450	
				600mm	M	9605600	

# PROTRACTOR HEADS

Fits Blade Sizes: 12", 18", 24" / 300mm, 450mm, 600mm

Description	Order No.	Price
Non-Reversing	1605000	
Reversing	1605050	



# SQUARE HEADS

Desc.	Fits Blade Sizes	Order No.	Price
Cast Iron	4 & 6", 150mm	1605100	
Cast Iron	12, 18, 24", 300, 450, 600mm	1605200	
Hardened	4 & 6", 150mm	1605500	
Hardened	12, 18, 24", 300, 450, 600mm	1605600	



# CENTER HEADS

Desc.	Fits Blade Sizes	Order No.	Price
Cast Iron	4 & 6", 150mm	1605300	
Cast Iron	12, 18, 24", 300, 450, 600mm	1605400	
Hardened	4 & 6", 150mm	1605700	
Hardened	12, 18, 24", 300, 450, 600mm	1605800	



# COMBINATION SQUARE WITH SQUARE HEAD

STARRETT SERIES 11H: Cast Iron with Black Wrinkle Finish  
STARRETT SERIES 33H: Hardened Steel Head with Smooth, Black Enamel Finish



"C" prefix in Catalog No. indicates Satin Chrome finish

Size	Graduation	SERIES 11H: Cast Iron Heads with Black Wrinkle Finish			SERIES 33H: Forged and Hardened Steel Heads with Smooth Black Enamel Finish		
		Catalog No.	EDP No.	Price	Catalog No.	EDP No.	Price
4"	8ths, 16ths, 32nds, 64ths	11H-4-4R	50049		33H-4-4R	50203	
4"	8ths, 16ths, 32nds, 64ths	C11H-4-4R	56360		C33H-4-4R	56390	
6"	8ths, 16ths, 32nds, 64ths	11H-6-4R	50051		33H-6-4R	50205	
6"	8ths, 16ths, 32nds, 64ths	C11H-6-4R	56362		C33H-6-4R	56392	
6"	32nds, 64ths, 50ths, 100ths	11H-6-16R	50053		33H-6-16R	50207	
6"	32nds, 64ths, 50ths, 100ths	C11H-6-16R	56364		C33H-6-16R	56394	
12"	8ths, 16ths, 32nds, 64ths	11H-12-4R	50055		33H-12-4R	50209	
12"	8ths, 16ths, 32nds, 64ths	C11H-12-4R	56366		C33H-12-4R	56396	
12"	32nds, 64ths, 50ths, 100ths	11H-12-16R	50057		33H-12-16R	50211	
12"	32nds, 64ths, 50ths, 100ths	C11H-12-16R	56368		C33H-12-16R	56398	
18"	8ths, 16ths, 32nds, 64ths	11H-18-4R	50059		33H-18-4R	50213	
18"	8ths, 16ths, 32nds, 64ths	C11H-18-4R	56370		C33H-18-4R	56400	
18"	32nds, 64ths, 50ths, 100ths	11H-18-16R	50061		33H-18-16R	50215	
18"	32nds, 64ths, 50ths, 100ths	C11H-18-16R	56372		C33H-18-16R	56402	
24"	8ths, 16ths, 32nds, 64ths	11H-24-4R	50063		33H-24-4R	50217	
24"	8ths, 16ths, 32nds, 64ths	C11H-24-4R	56374		C33H-24-4R	56404	
24"	32nds, 64ths, 50ths, 100ths	11H-24-16R	50065		33H-24-16R	50219	
24"	32nds, 64ths, 50ths, 100ths	C11H-24-16R	56376		C33H-24-16R	56406	
Metric Only		11MH Series			33MH Series		
150mm	mm and 1/2mm Both Sides	11MH-150	56241		33MH-150	56247	
150mm	mm and 1/2mm Both Sides	C11MH-150	56380		C33MH-150	56410	
300mm	mm and 1/2mm Both Sides	11MH-300	56243		33MH-300	56249	
300mm	mm and 1/2mm Both Sides	C11MH-300	56382		C33MH-300	56412	
600mm	mm and 1/2mm Both Sides	11MH-600	56245		33MH-600	9956251	
600mm	mm and 1/2mm Both Sides	C11MH-600	56384		C33MEH-600	56414	
Inch / Metric		11MEH Series			33MEH Series		
300mm	1/2mm, 32nds One Side;	11MEH-300	50067		33MEH-300	50221	
11-3/4	mm & 64ths Reversed	C11MEH-300	56386		C33MEH-300	56416	
600mm	1/2mm, 32nds One Side;	11MEH-600	56121		33MEH-600	50237	
23-1/2"	mm & 64ths Reversed	C11MEH-600	56388		C33MEH-600	56418	

- With reversible lock bolt, scribe, spirit level (except 4").
- Machine-divided blade has very sharp, accurate graduations and is easy to read.
- Square head slides smoothly and may be removed to level work.
- Bearing surfaces are accurately ground.

## COMBINATION SQUARE WITH SQUARE HEAD AND CENTER HEAD

**STARRETT SERIES 11HC: Cast Iron with Black Wrinkle Finish**  
**STARRETT SERIES 33HC: Hardened Steel Head with Smooth, Black Enamel Finish**



- With reversible lock bolt, scribe, spirit level and hardened, tempered steel blades.
- Machine-divided blade has very sharp, accurate graduations and is easy to read.
- Square head slides smoothly and may be removed to level work.
- Bearing surfaces are accurately ground.

### INCH

“C” prefix in Catalog No. indicates Satin Chrome Finish

Size	Graduation	SERIES 11HC: Cast Iron Heads with Black Wrinkle Finish			SERIES 33HC: Forged and Hardened Steel Heads with Smooth Black Enamel Finish		
		Catalog No.	EDP No.	Price	Catalog No.	EDP No.	Price
4"	8ths, 16ths, 32nds, 64ths	11HC-4-4R	9950050		33HC-4-4R	50204	
4"	8ths, 16ths, 32nds, 64ths	C11HC-4-4R	56361		C33HC-4-4R	56391	
6"	8ths, 16ths, 32nds, 64ths	11HC-6-4R	50052		33HC-6-4R	50206	
6"	8ths, 16ths, 32nds, 64ths	C11HC-6-4R	56363		C33HC-6-4R	56393	
6"	32nds, 64ths, 50ths, 100ths	11HC-6-16R	50054		33HC-6-16R	50208	
6"	32nds, 64ths, 50ths, 100ths	C11HC-6-16R	56365		C33HC-6-16R	56395	
12"	8ths, 16ths, 32nds, 64ths	11HC-12-4R	50056		33HC-12-4R	50210	
12"	8ths, 16ths, 32nds, 64ths	C11HC-12-4R	56367		C33HC-12-4R	56397	
12"	32nds, 64ths, 50ths, 100ths	11HC-12-16R	50058		33HC-12-16R	50212	
12"	32nds, 64ths, 50ths, 100ths	C11HC-12-16R	56369		C33HC-12-16R	56399	
18"	8ths, 16ths, 32nds, 64ths	11HC-18-4R	50060		33HC-18-4R	50214	
18"	8ths, 16ths, 32nds, 64ths	C11HC-18-4R	56371		C33HC-18-4R	56401	
18"	32nds, 64ths, 50ths, 100ths	11HC-18-16R	50062		33HC-18-16R	50216	
18"	32nds, 64ths, 50ths, 100ths	C11HC-18-16R	56373		C33HC-18-16R	56403	
24"	8ths, 16ths, 32nds, 64ths	11HC-24-4R	50064		33HC-24-4R	50218	
24"	8ths, 16ths, 32nds, 64ths	C11HC-24-4R	56375		C33HC-24-4R	56405	
24"	32nds, 64ths, 50ths, 100ths	11HC-24-16R	50066		33HC-24-16R	50220	
24"	32nds, 64ths, 50ths, 100ths	C11HC-24-16R	56377		C33HC-24-16R	56407	
<b>Metric</b>		<b>11MHC Series</b>			<b>33MHC Series</b>		
150mm	mm and 1/2mm Both Sides	11MHC-150	56242		33MHC-150	56248	
150mm	mm and 1/2mm Both Sides	C11MHC-150	56381		C33MHC-150	56411	
300mm	mm and 1/2mm Both Sides	11MHC-300	56244		33MHC-300	9956250	
300mm	mm and 1/2mm Both Sides	C11MHC-300	56383		C33MHC-300	56413	
600mm	mm and 1/2mm Both Sides	11MHC-600	56246		33MHC-600	9956252	
600mm	mm and 1/2mm Both Sides	C11MHC-600	56385		C33MHC-600	56415	
<b>Inch / Metric</b>		<b>11MEHC Series</b>			<b>33MEHC Series</b>		
300mm	1/2mm, 32nds One Side;	11MEHC-300	50068		33MEHC-300	50222	
11 3/4"	mm & 64ths Reverse Side	C11MEHC-300	56387		C33MEHC-300	56417	
600mm	1/2mm, 32nds One Side;	11MEHC-600	50075		33MEHC-600	50238	
23 1/2"	mm & 64ths Reverse Side	C11MEHC-600	56389		C33MEHC-600	56419	

## COMBINATION SQUARE SETS - 4pc WITH SQUARE HEAD, CENTER HEAD AND NON - REVERSIBLE PROTRACTOR HEAD

**STARRETT SERIES 9:**



With reversible lock bolts, scribe, spirit level in both square head and protractor head. Direct reading double 180° protractor scale, and hardened steel machine-divided blade. Cast Iron Heads with black wrinkle finish.



“C” prefix in Catalog No. indicates Satin Chrome Finish

Size	Blade	Graduation	Catalog No .	EDP No.	Price
12"	Regular	4R - 8ths, 16ths, Quick Reading 32nds, 64ths	9-12-4R	50042	
	Satin Chrome		C9-12-4R	50046	
	Regular	16R - Quick Reading 32nds, 64ths, Aircraft Quick Reading 50ths, 100ths	9-12-16R	50043	
18"	Regular	4R - 8ths, 16ths, Quick Reading 32nds, 64ths	9-18-4R	50044	
24"	Regular	4R - 8ths, 16ths, Quick Reading 32nds, 64ths	9-24-4R	50045	
300mm	Regular	mm and 1/2 mm both sides	9M-300	56253	
600mm	Regular	mm and 1/2 mm both sides	9M-600	56254	
300mm	Regular	1/2 mm and 32nds one side; mm and 64ths reverse side	9ME-300	50047	
11-3/4"	Regular	1/2 mm and 32nds one side; mm and 64ths reverse side	9ME-300	50047	
600mm	Regular	1/2 mm and 32nds one side; mm and 64ths reverse side	9ME-600	50048	
23-1/2"	Regular	1/2 mm and 32nds one side; mm and 64ths reverse side	9ME-600	50048	

COMBINATION SQUARE SETS - 4PC  
WITH SQUARE HEAD, CENTER HEAD,  
AND REVERSIBLE PROTRACTOR HEAD



STARRETT SERIES 434, 435:

- With reversible lock bolt, scriber, spirit level and hardened, tempered steel blade.
- Direct reading double 180° protractor scale.
- Machine-divided blade has very sharp, accurate graduations and is easy to read.
- Stable heads.
- Bearing surfaces accurately ground.



INCH

“C” prefix in Catalog No. indicates Satin Chrome Finish

Size	Graduation	Blade	SERIES 435: Cast Iron Heads with Black Wrinkle Finish			SERIES 434: Forged & Hardened Square & Center Heads, Cast Iron Protractor Head with Smooth Black Finish		
			Catalog No.	EDP No.	Price	Catalog No.	EDP No.	Price
12"	4R - 8ths, 16ths, Quick Read 32nds, 64ths	Regular Satin Finish	435-12-4R	51556		434-12-4R	51542	
	16R - Quick Read 32nds, 64ths	Regular Satin Finish	C435-12-4R	66682		C434-12-4R	51548	
	Aircraft Quick Read 50ths, 100ths	Regular Satin Finish	435-12-16R	51557		434-12-16R	51543	
18"	4R - 8ths, 16ths, Quick Read 32nds, 64ths	Regular Satin Finish	435-18-4R	51558		434-18-4R	51544	
	16R - Quick Read 32nds, 64ths	Regular Satin Finish				C434-18-4R	51550	
	Aircraft Quick Read 50ths, 100ths	Regular Satin Finish				434-18-16R	51545	
24"	4R - 8ths, 16ths, Quick Read 32nds, 64ths	Regular Satin Finish	435-24-4R	51559		434-24-4R	51546	
	16R - Quick Read 32nds, 64ths	Regular Satin Finish				C434-24-4R	51552	
	Aircraft Quick Read 50ths, 100ths	Regular Satin Finish				434-24-16R	51547	
<b>Metric Only</b>			<b>434M Series</b>			<b>434M Series</b>		
300mm	mm and 1/2mm Both Sides	Regular Satin Finish	435M-300	66177		434M-300	996255	
600mm	mm and 1/2mm Both Sides	Regular Satin Finish	C435M-300	61918		C434M-300	56420	
			435M-600	66681		434M-600	9956256	
						C434M-600	56421	
<b>Inch / Metric</b>			<b>435ME Series</b>			<b>434ME Series</b>		
300mm	1/2mm, 32nds One Side; mm & 64ths Reverse Side	Regular Satin Finish	435ME-300	51560		434ME-300	51554	
11 3/4"						C434ME-300	56422	
600mm	1/2mm, 32nds One Side; mm & 64ths Reverse Side	Regular Satin Finish	435ME-600	51561		434ME-600	51555	
23 1/2"						C434ME-600	56423	

SQUARE HEADS, CENTER HEADS,  
AND PROTRACTOR HEADS ONLY  
FOR COMBINATION SQUARES,  
COMBINATION SETS AND  
BEVEL PROTRACTORS

STARRETT SERIES 11, 1224:



“C” prefix in Catalog No. indicates Satin Chrome Finish

The heads listed below fit any blade having the corresponding size on all Combination Squares, Combination Sets and Bevel Protractors except No. 33J and No. 8 Combination Squares. 12, 18, and 24 inch sizes are interchangeable. In ordering, specify complete catalog number and length of blade.



Catalog No.	EDP No.	Fits Blade Size	Price
<b>SQUARE HEADS - Cast - Black Wrinkle Finish</b>			
H11-4	50069	4"	
H11-6	50070	6"	
H11-1224	50071	12 - 24", 300mm, 600mm	
<b>CENTER HEADS - Cast - Black Wrinkle Finish</b>			
C11-4	50072	4"	
C11-6	50073	6"	
C11-1224	50074	12 - 24", 300mm, 600mm	
<b>PROTRACTOR HEADS - Black Wrinkle Finish - Reversible</b>			
PR1224W	52525	12 - 24", 300mm, 600mm	
CPR1224W	64601	12 - 24", 300mm, 600mm	
<b>PROTRACTOR HEADS - Black Wrinkle Finish - Non-Reversible</b>			
PNR1224W	50107	12 - 24", 300mm, 600mm	
*CPNR1224W	50108	12 - 24", 300mm, 600mm	

STARRETT SERIES 33, 1224:

Catalog No.	EDP No.	Fits Blade Size	Price
<b>SQUARE HEADS - Forged &amp; Hardened - Black Enamel Finish</b>			
H33-4	50223	4"	
H33-6	50224	6"	
H33-1224	50225	12 - 24", 300mm, 600mm	
<b>CENTER HEADS - Forged &amp; Hardened - Black Enamel Finish</b>			
C33-4	50226	4"	
C33-6	50227	6"	
C33-1224	50228	12 - 24", 300mm, 600mm	
<b>PROTRACTOR HEADS - Black Enamel Finish - Reversible</b>			
PR1224S	52515	12 - 24", 300mm, 600mm	
*CPR1224HS	52516	12 - 24", 300mm, 600mm	

\*Satin Chrome Finish on Turret

# BLADES ONLY FOR COMBINATION SQUARES AND SETS

SERIES 789:



Starrett



Blades fit any head having the corresponding size on all Starrett combination squares, combination sets and bevel protractors.

Blade sizes 12, 18, 24 and 36", 300mm and 600mm are interchangeable.

Length	Approx. Width x Thickness	Finish	Grad.	Catalog No.	EDP No.	Price
4"	5/8 x 1/16"	Satin Chrome	4R - 8ths, 16ths, Quick Reading 32nds, 64ths	CB4-4R	50077	
	5/8 x 1/16	Satin Chrome	16R - Quick Reading 32nds, 64ths, Aircraft Quick Reading 50ths, 100ths	CB4-16R	50078	
6"	3/4 x 5/64	Satin Chrome	4R - 8ths, 16ths, Quick Reading 32nds, 64ths	CB6-4R	50080	
	3/4 x 5/64	Satin Chrome	16R - Quick Reading 32nds, 64ths, Aircraft Quick Reading 50ths, 100ths	CB6-16R	50082	
12"	1 x 3/32	Satin Chrome	4R - 8ths, 16ths, Quick Reading 32nds, 64ths	CB12-4R	50084	
	1 x 3/32	Satin Chrome	16R - Quick Reading 32nds, 64ths, Aircraft Quick Reading 50ths, 100ths	CB12-16R	50087	
	1 x 3/32	Stainless Steel	4R - 8ths, 16ths, Quick Reading 32nds, 64ths	BS12-4R	50099	
18"	1 x 3/32	Satin Chrome	4R - 8ths, 16ths, Quick Reading 32nds, 64ths	CB18-4R	50089	
	1 x 3/32	Satin Chrome	16R - Quick Reading 32nds, 64ths, Aircraft Quick Reading 50ths, 100ths	CB18-16R	50091	
24"	1 x 3/32	Satin Chrome	4R - 8ths, 16ths, Quick Reading 32nds, 64ths	CB24-4R	50093	
	1 x 3/32	Satin Chrome	16R - Quick Reading 32nds, 64ths, Aircraft Quick Reading 50ths, 100ths	CB24-16R	50096	
	1 x 3/32	Stainless Steel	4R - 8ths, 16ths, Quick Reading 32nds 64ths	BS24-4R	50100	
36"	1 x 3/32	Satin Chrome	4R - 8ths, 16ths, Quick Reading 32nds, 64ths	CB36-4R	50097	
	1 x 3/32	Satin Chrome	16R - Quick Reading 32nds, 64ths, Aircraft Quick Reading 50ths, 100ths	CB36-16R	50098	
150mm	19 x 2mm	Satin Chrome	mm and 1/2mm both sides	CB150-35	55988	
300mm	25 x 2.4	Satin Chrome	mm and 1/2mm both sides	CB300-35	55989	
600mm	25 x 2.4	Satin Chrome	mm and 1/2mm both sides	CB600-35	55990	
150mm & 5-3/4"	19 x 2	Satin Chrome	1/2 mm and 32nds one side; mm and 64ths reverse side	CB150-36	55992	
300mm & 11-3/4"	25 x 2.4	Satin Chrome	1/2 mm and 32nds one side; mm and 64ths reverse side	CB300-36	55993	
600mm & 23-1/2"	25 x 2.4	Satin Chrome	1/2 mm and 32nds one side; mm and 64ths	CB600-36	55994	

Quality Precision Tools

**MEGA**  
Superior Import

Mitutoyo

Starrett

The Choice Is Yours!!!

# COMBINATION SQUARE SETS

(3 & 4 Pc.)

MIT SERIES 180:



SQUARE HEAD

CENTER HEAD

PROTRACTOR HEAD

## COMPONENTS

Order No.	Price	Length	Graduations
<b>BLADES ONLY</b>			
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
<b>HEADS ONLY</b>			
180101		<b>Hardened Cast Iron</b>	
180102		Square Head for 6" models	
180201		Square Head for 12-24" & 300-450mm models	
180202		Center Head for 6" models	
180111		<b>Cast Iron - Not Hardened</b>	
180112		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	
<b>ACCESSORIES</b>			
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.			
<b>INCH</b>						
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**	180301**
180806		12" 16R	180502	180112**	180212**	180301**
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*	180301**
180906		12" 16R	180502	180102*	180202*	180301**
<b>INCH / METRIC</b>						
180807		12"/300mm	180503	180112**	180212**	180301**
180907		12"/300mm	180503	180102*	180202*	180301**
<b>METRIC</b>						
180810		300mm	180505	180112**	180212**	180301**
180910		300mm	180505	180102*	180202*	180301**

\* Hardened Cast Iron Heads

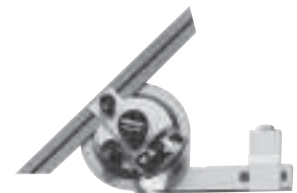
\*\* Non-Hardened Heads

## 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.



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