

4Pcs Non-Reversible Combination Square

Useful tools for all mechanical jobs. Use as - Squares, Height Gages, Depth Gages, Levels, Marking Gages, Scribes, Center Gages, Bevel Protractors, Steel Rules and Plumbs.

Features: Blades are fully hardened and tempered with micro-fine precision etched graduations. Satin hard chrome blades for wear resistance. Non-reversible and Reversible protractor are optional. Double indexed protractors are graduated 180° in both directions. Finished in extremely durable powder coated finish. Square heads have levels and scriber points. Meet Federal specifications - Type VI Class A. Both cast and hardened square and center heads available. All protractors are cast.

Graduation on Blade:

4R – 8ths, 16ths, 32nds and 64ths

16R - 32nds, 64ths, 50ths and 100ths

English, Metric - 32nds, 64ths, 1/2 and 1mm

We can also make graduation as per requirements of customers.



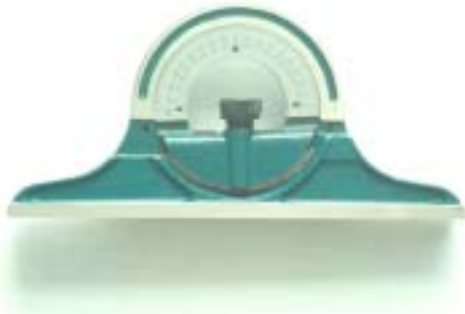
4Pcs Non-Reversible Set

Description	STC#	Blade	Graduation	MSC #
4Pcs Non-Reversible Set	CMI0180-1	12"	4R	06505473
4Pcs Non-Reversible Set	CMI0180-2	12"	16R	06505499
4Pcs Non-Reversible Set	CMI0180-3	12"	English-Metric	06505515
4Pcs Non-Reversible Set	CMI0180-4	18"	4R	06505531
4Pcs Non-Reversible Set	CMI0180-5	18"	16R	06505556
4Pcs Non-Reversible Set	CMI0180-6	18"	English-Metric	06505572
4Pcs Non-Reversible Set	CMI0180-7	24"	4R	06505598
4Pcs Non-Reversible Set	CMI0180-8	24"	16R	06505614
4Pcs Non-Reversible Set	CMI0180-9	24"	English-Metric	06505630

4Pcs Reversible Set

Description	STC#	Blade Size	Graduation	MSC #
4Pcs Reversible Set	CMI0182-1	12"	4R	
4Pcs Reversible Set	CMI0182-2	12"	16R	
4Pcs Reversible Set	CMI0182-3	12"	English-Metric	
4Pcs Reversible Set	CMI0182-4	18"	4R	
4Pcs Reversible Set	CMI0182-5	18"	16R	
4Pcs Reversible Set	CMI0182-6	18"	English-Metric	
4Pcs Reversible Set	CMI0182-7	24"	4R	
4Pcs Reversible Set	CMI0182-8	24"	16R	
4Pcs Reversible Set	CMI0182-9	24"	English-Metric	

Combination Square Accessories



Non-Reversible Square



Square Head

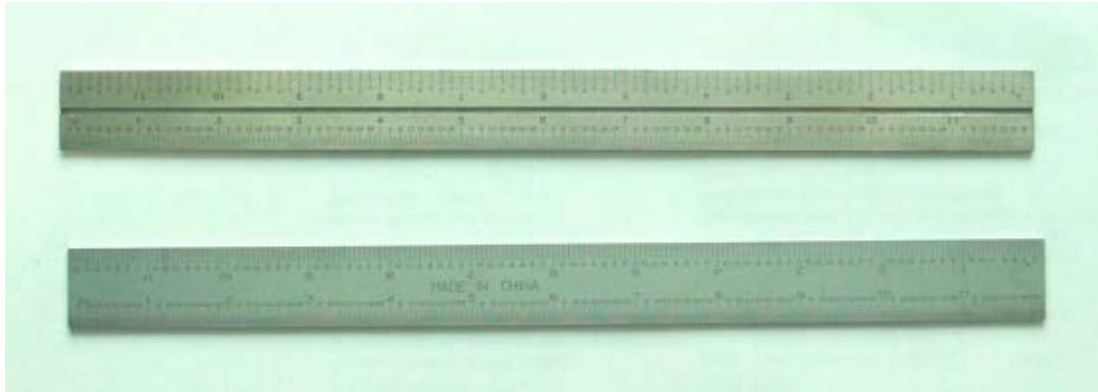


Center Head

Description	STC#	For blade size	MSC #
Square Head	CMI0185-1	6"	06505135
Center Head	CMI0185-2	6"	06505150
Square Head	CMI0186-1	12", 18" 24"	06505176
Center Head	CMI0186-2	12", 18" 24"	06505192
Reversible Square	CMI0187-1	12", 18" 24"	06505218
Non-Reversible Square	CMI0187-2	12", 18" 24"	

Combination Square Blades

- All blades fully hardened and tempered, and chrome plated.
- Any graduation available by special order
- Metric Graduation – 0.5mm increments



STC#	Blade Size	Graduation	MSC #
CMI0184-1	6"	4R	06504898
CMI0184-2	6"	16R	06504914
CMI0184-3	12"	4R	06504955
CMI0184-4	12"	16R	06504971
CMI0184-5	12"	English-Metric	06504997
CMI0184-6	18"	4R	06505010
CMI0184-7	18"	16R	06505036
CMI0184-8	18"	English-Metric	06505051
CMI0184-9	24"	4R	06505077
CMI0184-10	24"	16R	06505093
CMI0184-11	24"	English-Metric	06505119
CMI0188	6"/150mm	Inch/Metric	01471192
CMI0189-1	150mm	Metric	01471200
CMI0189-2	300mm	Metric	01471218
CMI0189-3	450mm	Metric	01471226
CMI0189-4	600mm	Metric	01471234

2Pcs Combination Square

Made of 1pc blade and 1pc square

Graduation on Blade:

4R – 8ths, 16ths, 32nds and 64ths

16R - 32nds, 64ths, 50ths and 100ths

English, Metric - 32nds, 64ths, 1/2 and 1mm

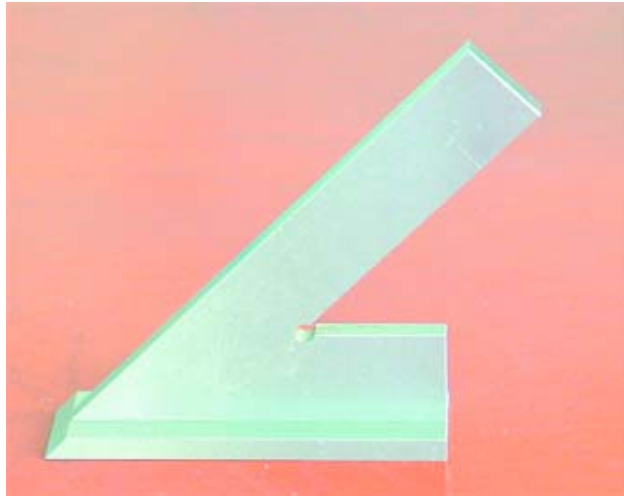


We can also make graduation as per requirements of customers.

Description	STC#	Blade Size	Graduation	MSC #
2Pcs Set	CMI0181-1	6"	4R	06504013
2Pcs Set	CMI0181-2	6"	16R	06504039
2Pcs Set	CMI0181-3	6"	English-Metric	06504054
2Pcs Set	CMI0181-4	12"	4R	06504070
2Pcs Set	CMI0181-5	12"	16R	06504096
2Pcs Set	CMI0181-6	12"	English-Metric	06504112
2Pcs Set	CMI0181-7	18"	4R	06504138
2Pcs Set	CMI0181-8	18"	16R	06504153
2Pcs Set	CMI0181-9	24"	4R	06504195
2Pcs Set	CMI0181-10	24"	16R	06504211
2Pcs Set	CMI0181-11	24"	English-Metric	06504237

45° Angle Square

- Precise lapped to 45°
- Made of carbon steel.
- Can supply square with beam and without beam
- Easily to set-up 45° to scribe, measure, etc.
- DIN875/2 Grade.



45° Angle Square without beam

STC#	Size	Angle	Grade	Customer #
CMI10534	4" x 2-3/4"	45°	DIN875/2	
CMI10535	4-3/4" x 3-1/8"	45°	DIN875/2	
CMI10536	6" x 4"	45°	DIN875/2	
CMI10537	8"x 5-1/8"	45°	DIN875/2	

45° Angle Square with beam

STC#	Size	Angle	Grade	Customer #
CMI10534	4" x 2-3/4"	45°	DIN875/2	
CMI10535	4-3/4" x 3-1/8"	45°	DIN875/2	
CMI10536	6" x 4"	45°	DIN875/2	
CMI10537	8"x 5-1/8"	45°	DIN875/2	

60° Angle Square

- Precise lapped to 60°
- Made of carbon steel.
- Can supply square with beam
and without beam
- Easily to set-up 60° to scribe,
measure, etc.
- DIN875/2 Grade.



60° Angle Square without beam

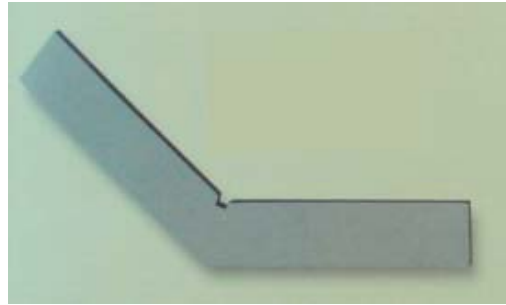
STC#	Size	Angle	Grade	Customer #
CMI10538	4" x 2-3/4"	60°	DIN875/2	
CMI10539	4-3/4" x 3-1/8"	60°	DIN875/2	
CMI10540	6" x 4"	60°	DIN875/2	
CMI10541	8"x 5-1/8"	60°	DIN875/2	

60° Angle Square with beam

STC#	Size	Angle	Grade	Customer #
CMI10542	4" x 2-3/4"	60°	DIN875/2	
CMI10543	4-3/4" x 3-1/8"	60°	DIN875/2	
CMI10544	6" x 4"	60°	DIN875/2	
CMI10545	8"x 5-1/8"	60°	DIN875/2	

120° Angle Square

- Precise lapped to 120°
- Made of high quality carbon steel.
- Easily to set-up 120° to scribe, measure, etc.
- DIN875/2 Grade.



STC#	Size	Angle	Grade	Customer #
CMI10546	2" x 2"	120°	DIN875/2	
CMI10547	3" x 3"	120°	DIN875/2	
CMI10548	4" x 4"	120°	DIN875/2	
CMI10549	5" x 5"	120°	DIN875/2	
CMI10550	6" x 6"	120°	DIN875/2	
MCI10551	8" x 8"	120°	DIN875/2	

Precision Adjustable Square

- Precise lapped
- Made of Stainless Steel
- Handle Size:
40mm x 23mm x 10mm
- Rule Size:
60mm x 4mm x 4mm



STC#	Handle Size (MM)	Rule Size (MM)	Customer #
CMI10566	40 x 23 x 10	60 x 4 x 4	

135° Angle Square

- Precise lapped to 135°
- Made of high quality carbon steel.
- Can supply square with beam and without beam
- Easily to set-up 135° to scribe, measure, etc.



135° Angle Square without Beam

STC#	Size	Angle	Grade	Customer #
CMI10552	2" x 2"	135°	DIN875/2	
CMI10553	3" x 3"	135°	DIN875/2	
CMI10554	4" x 4"	135°	DIN875/2	
CMI10555	5" x 5"	135°	DIN875/2	
CMI10556	6" x 6"	135°	DIN875/2	
CMI10557	8" x 8"	135°	DIN875/2	

135° Angle Square with Beam

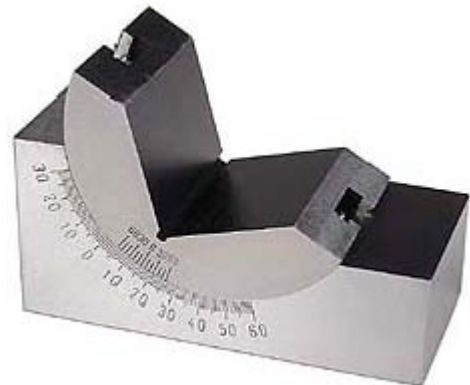
STC #		Size	Angle	Customer #
DIN875/1	DIN875/2			
CMI10558	CMI10562	4" x 2-3/4"	135°	
CMI10559	CMI10563	4-3/4" x 3-1/8"	135°	
CMI10560	CMI10564	6" x 4"	135°	
CMI10561	CMI10565	8" x 5-1/8"	135°	

0° - 60° Adjustable Angle Blocks

For Drilling, Milling & Set-Up Applications

Features:

- 0° - 60° Adjustable angle by locking the Hex Screw on the bottom
- HRC - 50-55
- Vee angle: 90°.
- Parallelism: 0.0004"
- Squareness: 0.0004"



STC #	Length	Height	Width	MSC#
CBL0338-1	4"	1-7/8"	1-13/16"	06493068
CBL0338-2	4"	1-7/8"	1-3/16"	06493076
CBL0338-3	3"	1-1/4"	1"	06493084

Planer & Shaper Gage

Adjustable Range 1.4 - 61.4 with extension rod. Makes setting of planer and shaper tools easy.

Set gage with Micrometer, Surface Gage, or Caliper and bring Cutting Tool in contact with it. Gives the operator a reliable starting point thus eliminating trial cuts. Can be used as a height gage, scribe, for gap measurement, as

an adjustable parallel, for transferring settings with indicators, for checking and layout work on surface plates, and with gage blocks or sine bars. Platform has extra tapped holes to accommodate post for dial indicators and other accessories.



Description	STC #	MSC#
Planer & Sharper Gage	CBL0121	06488902

Angle Plate

Finish these tools to your own specifications. Suburban supplies the tools complete with all parts needed, hardened to RC 58-62 .04 - .06 deep for durability and stability.

Each U-Grind tool is engineered exactly like the standard precision line. Hole locations are correct, and the machining is done to the same close tolerances. All models shown fit into the appropriate sine set system.

- One piece hardened steel
- Multiple tapped holes for many clamping possibilities
- Thread: 1/4-20
- Squariness: 0.0002"
- Parallelism: 0.0002"



Description	STC #	L x W x H x T	Threads	Customer #
Angle Plate	CBL0327-9	3 x 3 x 3 x 1-1/2	24	
Angle Plate	CBL0327-2	3 x 3 x 4 x 1	13	
Angle Plate	CBL0327-10	3 x 4 x 4 x 1		
Angle Plate	CBL0327-6	4 x 4 x 4 x 1-1/4	13	
Angle Plate	CBL0327-4	4 x 4 x 6 x 1	18	
Angle Plate	CBL0327-11	4 x 6 x 6 x 1	26	
Angle Plate	CBL0327-8	4 x 6 x 6 x 1-1/4	33	

Cylindrical Squares

- Cylindrical Squares are used on surface plates as a 90 degree reference angle.
- Can be used for checking squares, height gages and many other instruments.
- Squares are hardened and the ends are lapped to 90 degree angular accuracy with the cylinders as follows:
 - 6 square to $\pm.00010$**
 - 12 square to $\pm.00015$**
- Blow mold case for 6" Cylinder Square.
Wooden Case for 12" Cylinder Square.



Description	STC No.	Height	Diameter	MSC#
6" Cylinder Square	CBL0506	6"	3"	06504302
12" Cylinder Square	CBL0507	12"	6"	06504401

Knife Edge Square

- Hardened and ground
- Made of stainless steel or tool steel with chrome plated
- DIN874/00 Grade



STC#		Size	Grade	Customer #
Stainless Steel	Tool Steel			
CMI10567	CMI10585	2"	DIN874/00	
CMI10568	CMI10586	3"	DIN874/00	
CMI10569	CMI10587	4"	DIN874/00	
CMI10570	CMI10588	5"	DIN874/00	
CMI10571	CMI10589	6"	DIN874/00	
CMI10572	CMI10590	8"	DIN874/00	
CMI10573	CMI10591	12"	DIN874/00	
CMI10574	CMI10592	16"	DIN874/00	
CMI10575	CMI10593	20"	DIN874/00	

Toolmakers Beveled Edge Squares

Made from a single piece of tools steel.

The test edge is approximately .004" in thickness, a cross section of which has radius to provide a straight line contact with the work surface. Straightness is $\pm .00005$ ".

Steel squares are hardened, ground, and lapped to exacting specifications.

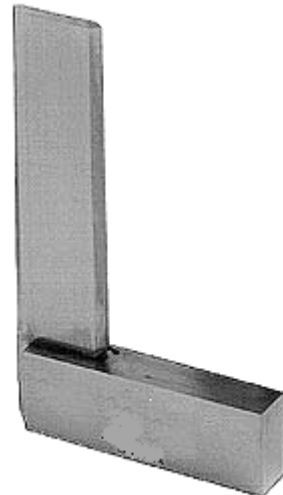


STC#	Blade	Base	Squareness	Mitutoyo #
CMI0800	3"	2"	0.00011"	916-101
CMI0801	4"	2-3/4"	0.00012"	916-102
CMI0802	6"	4"	0.00014"	916-103
CMI0803	8"	5"	0.00016"	916-104

Beveled Edge Squares with Beam

Two piece construction, with thin blade and wide base, and beveled edge on blade.

All edges are hardened and precision ground. (Only engineers square blade is hardened.)



STC#	Blade	Base	Squareness	Mitutoyo #
CMI0830	3"	2"	0.000091"	916-421
CMI0831	4"	2-3/4"	0.000094"	916-422
CMI0832	6"	4"	0.000100"	916-423
CMI0833	8"	5"	0.000110"	916-424