



Miter Squares

MS-1v2 / MS-1.5v2 / MS-2v2

Of all the different wood joints you will make, one of the most difficult is one of the simplest – the miter joint. Let's say you are making a frame and your layout tool is off by 0.08mm. This little 0.08mm error multiplied by the eight cuts means that fourth corner now features an ugly 0.3mm gap which is just under 1/32" of an inch, directly influencing the tightness of the joint and the appearance. Therefore, you need a precision miter square for highly accurate woodworking design, machine setup and block checking.



■ Tight joints through highly accurate parts

The Miter Square is accurate to $\pm 0.05\text{mm}$ over the full length of the blade, inside and out. The angularity accuracy of the 45° angle and the 135° angle formed by the steel blade and handle is less than 0.036° , which helps ensure the accuracy of your projects.

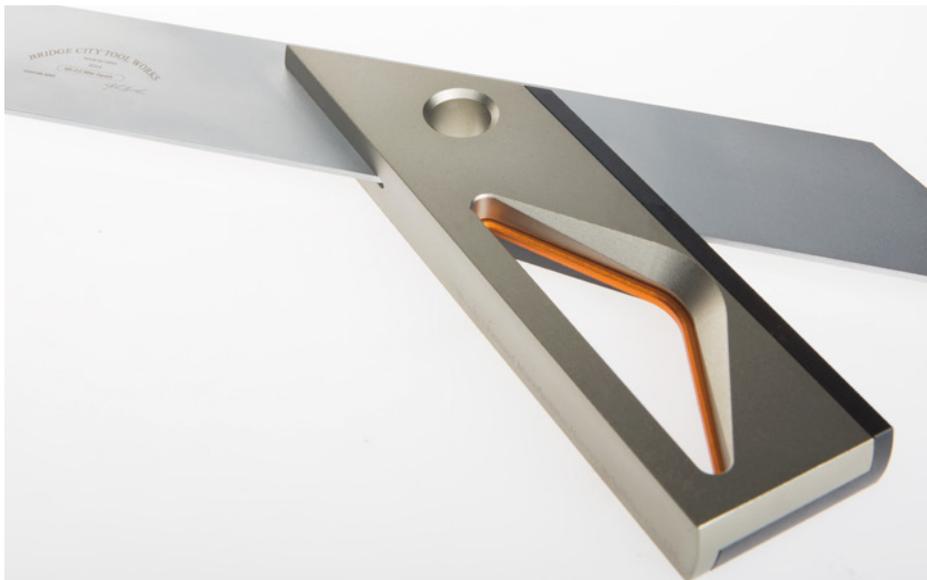
■ The handle is stable and adjustable

The handle of the miter square consists of two L-shaped sections that sandwich the blade and forms a tight and accurate 45° with the handle. If the miter square becomes loose, the mounting screws can be re-tightened to resume the original accuracy.

■ Stainless steel blade with high hardness for fine marking

The blade, made of stainless-steel, has a smooth finish with superior hardness and is rust and wear resistant. It can be used with a marking knife.





■ Special finishing, leaving no fingerprints

The finish of the stainless-steel blade is processed with a special PVD coating (Physical Vapor Deposition) which provides a stunning decorative finish with strong corrosion and wear resistance. The surface of the blade can be marked with a pencil, leaving no fingerprints when wiped clean.

■ The handle design is ergonomic

The hollow design of the handle is easy for the operator to grasp and hold.

■ Anodized aluminum makes a great matte finish

The surface of miter square has matte finishing, which is beautiful and of maintenance free. One side of the handle is dark grey; the other side is silver. The trim inside the handle is orange. Its material of anodized aluminum alloy increases the hardness and wear resistance.



■ Multiple sizes available

Miter square is available in three sizes: MS-1v2, MS-1.5v2, MS-2v2, providing the ideal size for the right job.

		Blade width	Blade thickness	Overall length	Handle width	Handle thickness	Weight
MS-1v2	7" miter square	0.95"/24.1mm	0.079"/2mm	3.62"/92mm	1.04"/26.4mm	0.516"/13.1mm	0.12kg
MS-1.5v2	9" miter square	1.22"/31.1mm	0.079"/2mm	4.66"/118.4mm	1.34"/34mm	0.510"/13.1mm	0.18kg
MS-2v2	11" miter square	1.50"/38.1mm	0.079"/2mm	5.74"/145.1mm	1.64"/41.6mm	0.626"/15.9mm	0.3kg

■ Accuracy

The straightness of the stainless-steel blade is accurate to $\pm 0.05\text{mm}$.
The angularity of the 45° angle and 135° angle is accurate to $\pm 0.036^\circ$.

Models Number	Item Number	Descriptions
MS-1v2	6000504	Miter Square
MS-1.5v2	6000505	Miter Square
MS-2v2	6000506	Miter Square