



## Toolmakers' Flats

These handy flats are small precision surface plates that are ideal for many inspection and checking uses throughout the plant.

They are especially well suited for layout work and offer an easy, portable reference for gaging small parts.

Offered in Crystal Pink® Granite or Black Granite, Starrett Toolmakers' Flats are 12" long x 8" wide x 2" thick (300 x 200 x 50mm) and finished to an overall tolerance of .0001" (0.0025mm).

The shipping weight without case is 20 lb (9kg).

Toolmakers' Flats	
Description	EDP
Crystal Pink® Granite	81803
Black Granite	81802
Sturdy Felt Lined Case for Toolmakers' Flat	81804

## Three-Face Granite Tri-Squares

Three-Face Granite Tri-Squares provide an excellent, economical way for accurately checking the X-Y-Z axes on CNC machine tools and coordinate measuring machines.

Lying in the horizontal position, the X and Y axes can be checked for 90° squareness. With the square in the vertical position, tracing along the vertical edge of the square can check the perpendicularity of the Z axis.

Granite tri-squares may also be used in the same manner that steel squares would be used for the direct checking of squareness and straightness.



Three-Face Granite Tri-Squares					
Dimensions		Weight		Accuracy Grade – EDP	
Length x Height x Thickness		Lb	kg	AA Laboratory	A Inspection
Inch	mm			.000025"/6" TIR (0.0006/150mm)	.000050"/6" TIR (0.0012/150mm)
6 x 9 x 3	150 x 225 x 75	18	8	81969	81970
9 x 12 x 3	225 x 300 x 75	23	10	81961	81962
12 x 18 x 4	300 x 450 x 100	60	27	81964	81965
18 x 24 x 4	450 x 600 x 100	120	54	81967	81968
24 x 36 x 6	600 x 900 x 150	570	259	81971	81972

Other sizes quoted on application.