

Application Examples



Gauging a bore using a pair of half round jaws and a holder.



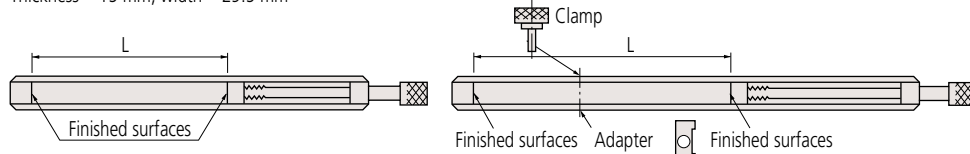
Marking a workpiece using the base, a holder and the scriber point.



Setting a bore gauge using a holder with the pair of Type I half-round jaws arranged as flat contact surfaces.

Holder

Thickness = 15 mm, width = 29.5 mm



619002 L = 15 - 60 mm

619003 L = 5 - 100 mm

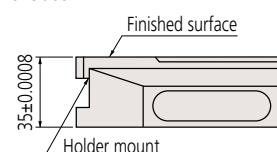
619004 L = 15 - 160 mm

619005 L = 20 - 250 mm

Used to clamp a stack of gauge blocks and jaws (or scriber point, etc.) together to form a gauge

Base

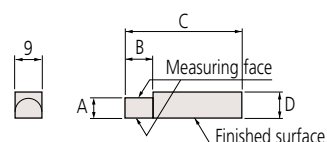
619009



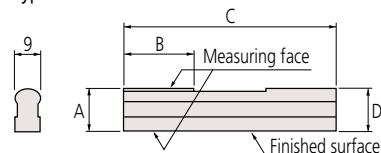
Flatness tolerance of the finished surface: 0.5 μm
Flatness tolerance of the bottom surface: 1 μm

Half Round Jaw

Type I



Type II



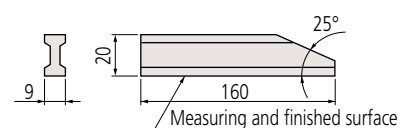
Flatness tolerance of the finished surface: 0.5 μm

Unit: mm

Code No.	Type	Size	A	B	C	D
619010	I	2	2±0.0005	5.5	40	7.5
619011		5	5±0.0005	14	45	7.5
619012		8	8±0.0005	20	50	8.5
619013	II	12	12±0.0005	25	75	13
619014		20	20±0.0005	25	125	20

Plain Jaw (B type)

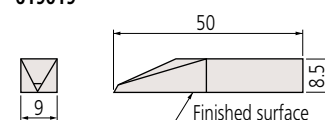
619018



Flatness tolerance of the finished surface: 1 μm

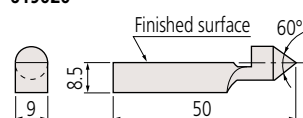
Scriber Point

619019



Centre Point

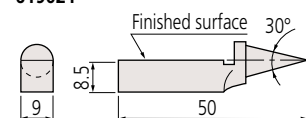
619020



Eccentricity tolerance of the point: ±10 μm
Flatness tolerance of the finished surface: 0.5 μm

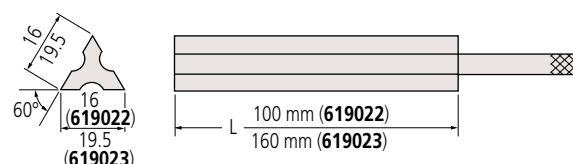
Tram Point

619021



Eccentricity tolerance of the point: ±10 μm
Flatness tolerance of the finished surface: 0.5 μm

Triangular Straight Edge



Straightness tolerance of the edge: 1.2 μm