

Gauge Blocks

Rectangular Gauge Block Accessories
SERIES 516

- Accessory sets for extending the range of application of rectangular gauge blocks.
- Available in 22-piece and 14-piece sets. Each accessory is also available separately for applications where a full set is not needed.
- Can be used with both steel and CERA blocks.



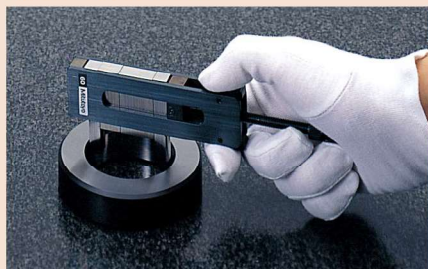
516-601
(22 pcs.)

SPECIFICATIONS

Item Description	Code No.	Nominal capacity/ dimension (mm)	Set		Quantity Supplied
			22 pcs. 516-601	14 pcs. 516-602	
Holder	619002	15 to 60		✓	1 pc.
	619003	5 to 100	✓	✓	
	619004	15 to 160	✓	✓	
	619005	20 to 250	✓	✓	
Base	619009	35	✓	✓	
Half-round jaw	619010*	2	✓	✓	One pair (2 pcs.)
	619011*	5	✓	✓	
	619012*	8	✓	✓	
	619013*	12	✓		
	619014*	20	✓		
Plain jaw	619018*	160	✓		
Scriber point	619019	—	✓	✓	1 pc.
Center point	619020	—	✓	✓	
Tram point	619021*	—	✓		One pair (2 pcs.)
Triangular straightedge	619022	100	✓	✓	1 pc.
	619023	160	✓		

* A single piece is supplied for each code number, except for half-round jaws, plain jaws (B type) and tram points, which are supplied as a two-pack.

Typical application



Half-round jaw (619013) 2 pcs.
Holder (619002) 1 pc.
Gauge block



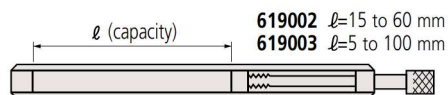
Base (619009) 1 pc.
Holder (619003) 1 pc.
Scriber point (619019) 1 pc.
Gauge block



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

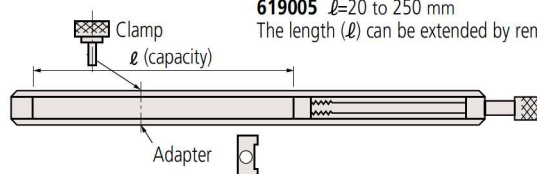
Holder

Thickness=15 mm
Width=29.5 mm



619002 $l=15$ to 60 mm

619003 $l=5$ to 100 mm

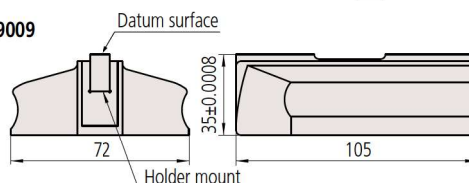


619004 $l=15$ to 160 mm

619005 $l=20$ to 250 mm

The length (l) can be extended by removing the adapter.

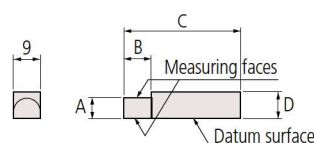
Base 619009



Flatness of the datum surface 0.5 μ m
Parallelism 0.8 μ m
Flatness of the bottom surface 1 μ m

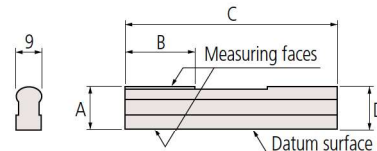
Half-round jaws

Type I



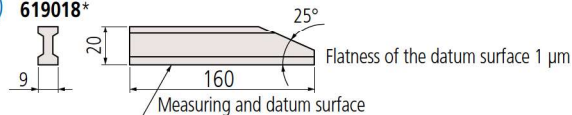
Flatness of the datum surface 0.5 μ m
Parallelism of A 0.5 μ m

Type II



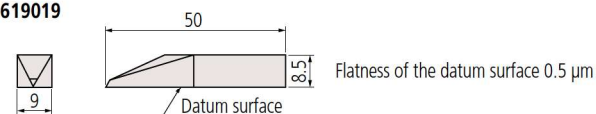
Code No.	Type	Size (mm)	A (mm)	B (mm)	C (mm)	D (mm)
619010*	I	2	2±0.0005	5.5	40	7.5
619011*		5	5±0.0005	15.5	45	7.5
619012*		8	8±0.0005	20	50	8.5
619013*	II	12	12±0.0005	25	75	13
619014*		20	20±0.0005	25	125	20.5

Plain jaw (B type) 619018*



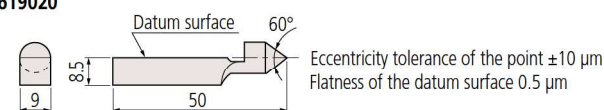
Flatness of the datum surface 1 μ m

Scriber point 619019



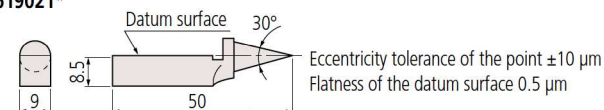
Flatness of the datum surface 0.5 μ m

Center point 619020



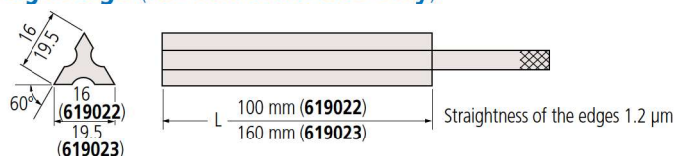
Eccentricity tolerance of the point ±10 μ m
Flatness of the datum surface 0.5 μ m

Tram point 619021*



Eccentricity tolerance of the point ±10 μ m
Flatness of the datum surface 0.5 μ m

Triangular straightedge (for handheld use only)



* A single piece is supplied for each code number, except for half-round jaws, plain jaws (B type) and tram points, which are supplied as a two-pack.