

GAGE BLOCKS

HEAVY-DUTY STEEL GAGE BLOCK SETS AND ACCESSORIES

GAGING AREA 17/32 X 1-1/2"

These heavy-duty gage block sets are primarily used for assembling together into exclusive Webber fixtures.

Precision "yardsticks" and height gages can be built up to a required dimension by wringing blocks together and then by the use of eccentric clamps, locking them into place. All blocks over 1" long have 1/4" holes that accept eccentric clamps. All blocks 6" or larger have an insulated center grip to eliminate temperature variations caused by handling.

Precision scribes and dividers for tool layout can be created in a few seconds. The center point is on a .500" center line of a 1" block. The scriber point may be sharpened indefinitely without altering the original accuracy.

Snap gages with inside or outside calipers can be easily assembled using accessories like the eccentric clamps, a quick-acting clamp, and a pair of half-round or straight jaws.



Building up blocks into precision "yardsticks"



HD46.A1X

INCH



HD 46.A1X

Snap gage is used to check inside dimensions of ring gage still mounted in internal grinder



Precision scribes, dividers and snap gages



Accessory Sets

Indicator Accessory Set

This heavy-duty accessory mounts on any build-up of heavy-duty blocks and measures the deviation of the work from nominal or desired size. (Indicator is set and checked for zero by placing blocks on any known flat surface.)

HDA 10 and HDA 12 Indicator Accessory Sets consist of a holding block, extension jaw and a precision Starrett indicator. See catalog description below for indicator ranges and graduations.

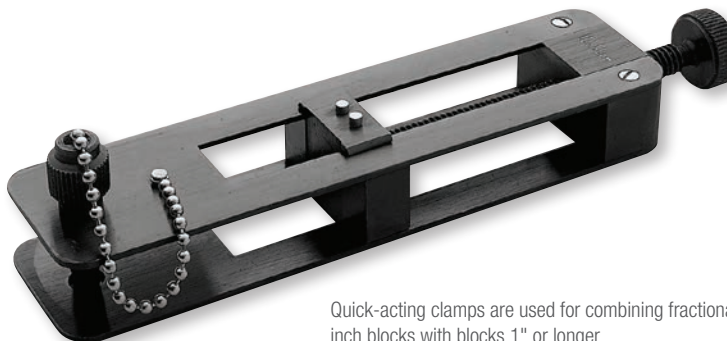
Indicator Accessory Set



Eccentric clamps are used for combining long blocks



INCH  



Quick-acting clamps are used for combining fractional inch blocks with blocks 1" or longer

Heavy-Duty Steel Accessories Individually or Sets as stated below

Individual Accessories		Steel Accessories Included in all 42 thru 46 Piece Sets or 84 Piece Set when ordered with Accessories
Description	Cat. No.	
Half-Round Jaw* .500 Radius	HDA 1.	2
Scriber Point	HDA 2.	1
Center Point .500 C/L	HDA 3.	1
Eccentric Clamp	HDA 4.	(See set description next page for qty.)
Quick-Acting Clamp	HDA 5.	1
Base Block 1.500" Thick	HDA 6.	1

Additional Accessories

Individual Accessories	
Description	Cat. No.
Straight Jaw* 1.000 Thick	HDA 820.
Indicator Set Consisting of:	
Indicator Holding Block	
Extension Jaw (1.000" Thick)	HDA 10.
Indicator with $\pm .010$ " Range, .0005" Graduations	
Case	
Indicator Set As Above Except:	
Indicator with $\pm .0015$ " Range, .00005" Graduations	HDA 12.

* Jaws are normally used in pairs, but are ordered individually. Please order accordingly.

Wear Blocks

croblox® Wear Blocks in .050" and .100" sizes are available for use with heavy-duty blocks.

croblox® Wear Blocks	
Cat. No.	Size
HDC .050 WA1	.050"
HDC .100 WA1	.100"



GAGE BLOCK SETS AND ACCESSORIES

HEAVY-DUTY STEEL

INCH  

Gage Block Sets and Accessories			B89.1.9 Accuracy Grade 0*
Cat. No.	Measuring Range	Blocks Per Set	Blocks included in Sets
HD 84.A1	.100-12.000 in steps of .001 .200-12.000 in steps of .0001 .300-12.000 in steps of .00005	84	2 blocks .100 Wear croblox® 1 block .10005 9 blocks .1001 through .1009 (steps of .0001) 49 blocks .101 through .149 (steps of .001) 19 blocks .050 through .950 (steps of .050) 4 blocks 1.000 through 4.000 (steps of 1) 3 eccentric clamps Above set also available with 2 additional eccentric clamps and accessories** (extra)
HD 46.A1X	.200-48.000 in steps of .001 .300-48.000 in steps of .0001	46	9 blocks .1001 through .1009 (steps of .0001) 9 blocks .101 through .109 (steps of .001) 9 blocks .110 through .190 (steps of .010) 9 blocks .100 through .900 (steps of .100) 4 blocks 1.000 through 4.000 (steps of 1) 6 blocks 6.000 10 eccentric clamps and accessories** (included)
HD 44.A1X	.200-36.000 in steps of .001 .300-36.000 in steps of .0001	44	9 blocks .1001 through .1009 (steps of .0001) 9 blocks .101 through .109 (steps of .001) 9 blocks .110 through .190 (steps of .010) 9 blocks .100 through .900 (steps of .100) 4 blocks 1.000 through 4.000 (steps of 1) 4 blocks 6.000 8 eccentric clamps and accessories** (included)
HD 42.A1X	.200-24.000 in steps of .001 .300-24.000 in steps of .0001	42	9 blocks .1001 through .1009 (steps of .0001) 9 blocks .101 through .109 (steps of .001) 9 blocks .110 through .190 (steps of .010) 9 blocks .100 through .900 (steps of .100) 4 blocks 1.000 through 4.000 (steps of 1) 2 blocks 6.000 6 eccentric clamps and accessories** (included)

Sets include etched serial numbers and Commercial Calibration Certificate. A Master Calibration Certificate is available at extra cost.

Case for HD 84.A1 has space for accessories and six 6.000" heavy-duty blocks. To order with accessories, add "X" to catalog number.

* For complete accuracy specifications, see page at the beginning of this section.

** See previous page for accessories.

Individual Heavy-Duty Gage Blocks – Steel Only

Block Size

0.050

.100, .100025, .10005, .100075

.1001 Through .1009 In Steps of .0001

.101 Through .149 In Steps of .001

.150 Through .190 In Steps of .010

.200 Through .950 In Steps of .050

1.000

2.000

3.000

4.000

6.000

10.000

20.000

To order individual blocks, specify HD followed by size and accuracy grade. Example: HD .050 A1

