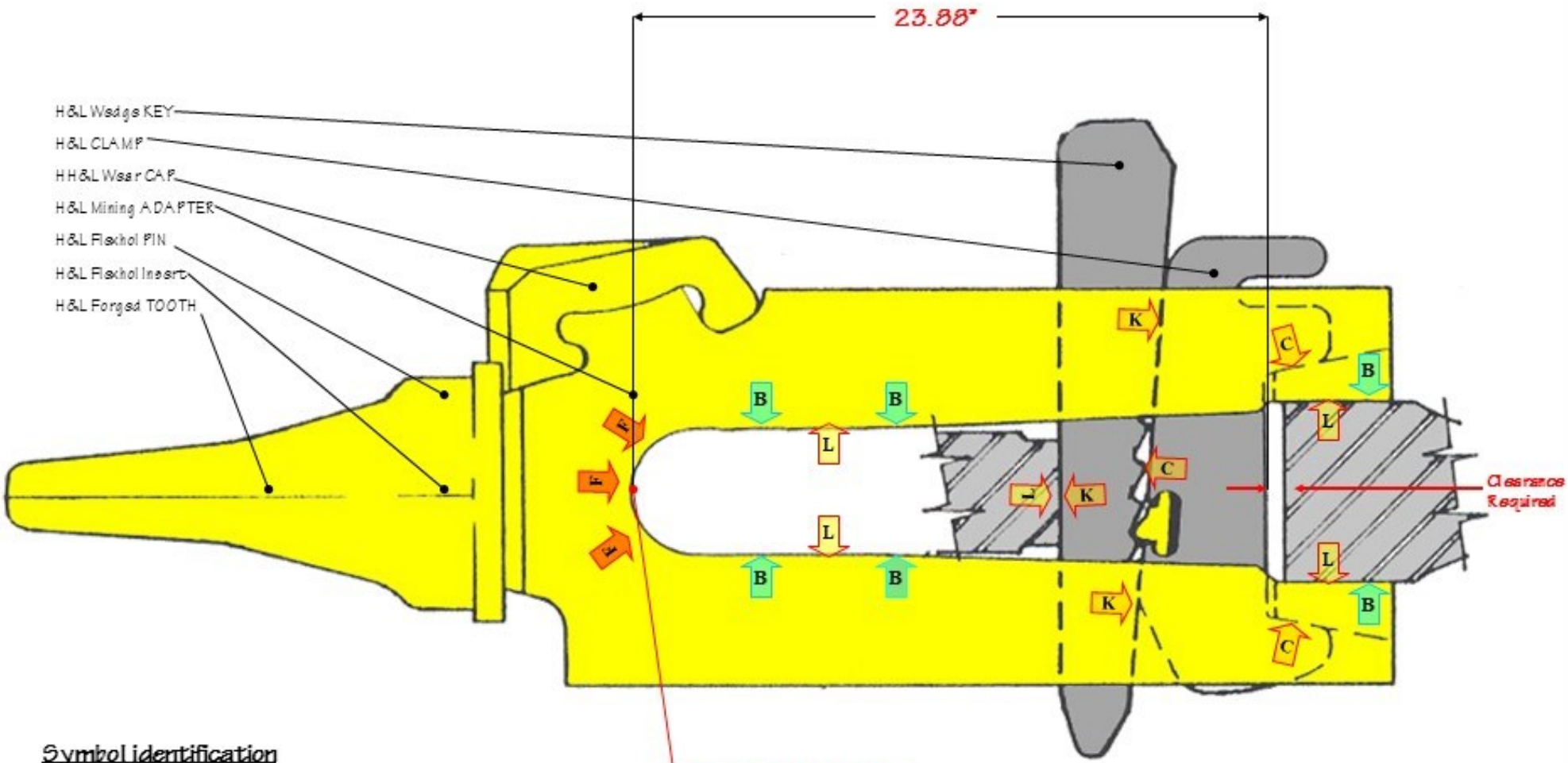
Whisler Mining Adapter to Lip Bearing Surfaces

Typical Whisler series attachment and design criteria



Symbol identification

B = Base/Adapter Bearing Surface Pads
C = Clamp Bearing Surfaces
K = Key Bearing Surfaces
L = Lip Bearing Surface Pads
F = FORCES applied to the Lip Radii

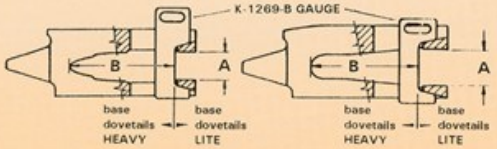
MO75.2015

WHISLER BASE CLAMP LOCATION GAUGE

When problems arise between fits of lip verses Bases, and the lip clamp hole measures correctly, the K-1269-B Gauge can verify the H&L Base clamp dovetail location.

1. Measure the lip opening surfaces to the nearest .030.
2. Slide the K-1269-B Gauge in the clamp hole and on to the angles of the dovetails. Take the measurement from the lip blunt to the rear of the gauge. Check the chart to analyse the clamp fit.

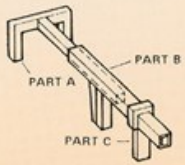
Example: WH-10....."A" dimension = 6.81
"B" should be = 21.38
You measure "B" as 21.12
Result: Base is .25 oversized requiring a 25 undersized Key = K.1368 K.



WHISLER NO.	BASE NO.	IF "A" IS	"B" SHOULD BE
WHISLER 8	1493	5.25	20.25
		5.31	20.12
		5.38	20.00
		5.44	19.81
WHISLER 10	2496	6.75	21.19
		6.81	21.38
		6.88	20.50
WHISLER 12	1498	6.75	23.31
		6.81	23.19
		6.88	23.06
		6.91	22.97

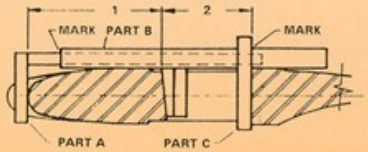
WHISLER LIP GAUGE

This gauge checks the whisler type lip hole location of WH-8, 10 and 12 Bases. It is for approximate dimensional checks only.



1. Place the gauge forks over the lip horn and seat the gauge firmly on lip with Part B and Part C fitting loosely in the clamp hole. If the lip is not worn, Part B when gauging, will line correctly with Part A.
2. With Part A and Part B in place, push Part C to the rear of the lip clamp hole Part C will line up with Part B if there is no lip wear.
3. When checking Whisler 10 & 12 style Bases make sure the curved portion of Part B is facing the forks of the gauge.

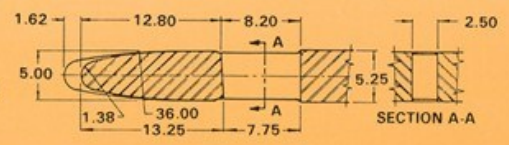
If for any reason your lip dimensions do not match this gauge, review the lip dimensional chart. (See Below)



WHISLER NO.	DIMENSION 1	DIMENSION 2
8	12.80	8.20
10	15.00	8.00
12	15.88	8.50

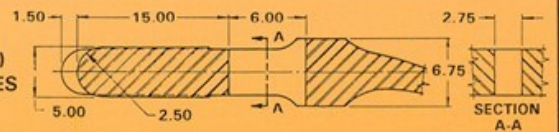
WHISLER LIP DIMENSIONAL CHART

WHISLER 8 (WH-8)
H&L 1493 BASE SERIES



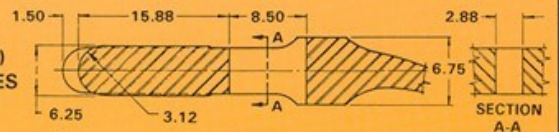
MANUFACTURER - NUMBER
AMSCO-GA-34783,GA-28992,GA-34150
BUCYRUS-ERIE 870474-K-1,863975-K-2
P&H 12-J-668
ESCO CE-14683
MARION 813-6-26

WHISLER 10 (WH-10)
H&L 2496 BASE SERIES



MANUFACTURER - NUMBER
AMSCO GA-38867
BUCYRUS-ERIE 869468-K-1
P&H 12-7-704, 12-7-849

WHISLER 12 (WH-12)
H&L 1498 BASE SERIES

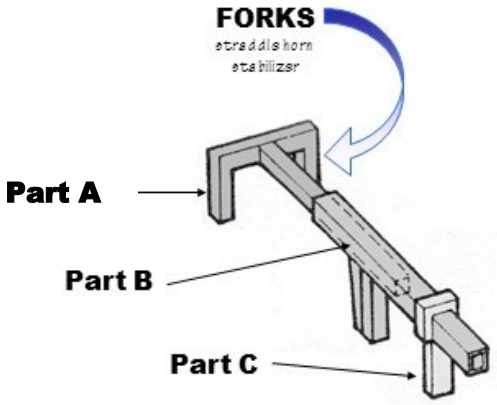


MANUFACTURER - NUMBER
P&H 4100

M007.2003

Part #X-2562-N

WHISLER MOUNTIN SLOT HOLE LOCATIO GAUGE



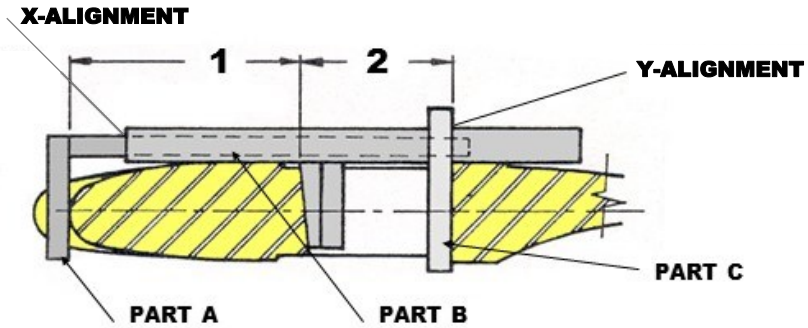
This gauge checks the Whisler type lip hole location of H-4, WH-6, WH-8, WH-10 and WH-12 Bases. It is for approximate dimensional checks only.

Place the gauge forks over the lip horn and seat tha gauge firmly on the lip with part B, part C fitting loosely in the bucket lip hole. It the lip is not worn, part B and part A when engaged; "X" alignment should match. Some wear can be compensated by using under or oversized keys (see M049.2004V flyer)

With part A and part B in place, push part C to the rear of the lip hole. Part C when measured to part B, "Y" alignment should match.

Caution... Whisler 4-6-8 uses the flat contact side of part B. When checking a Whisler 10 or 12 series system make sure the round contact surface of part B is used.

If for any reason your lip dimensions do not match this gauge, review your machine requirement and specifications handbook.

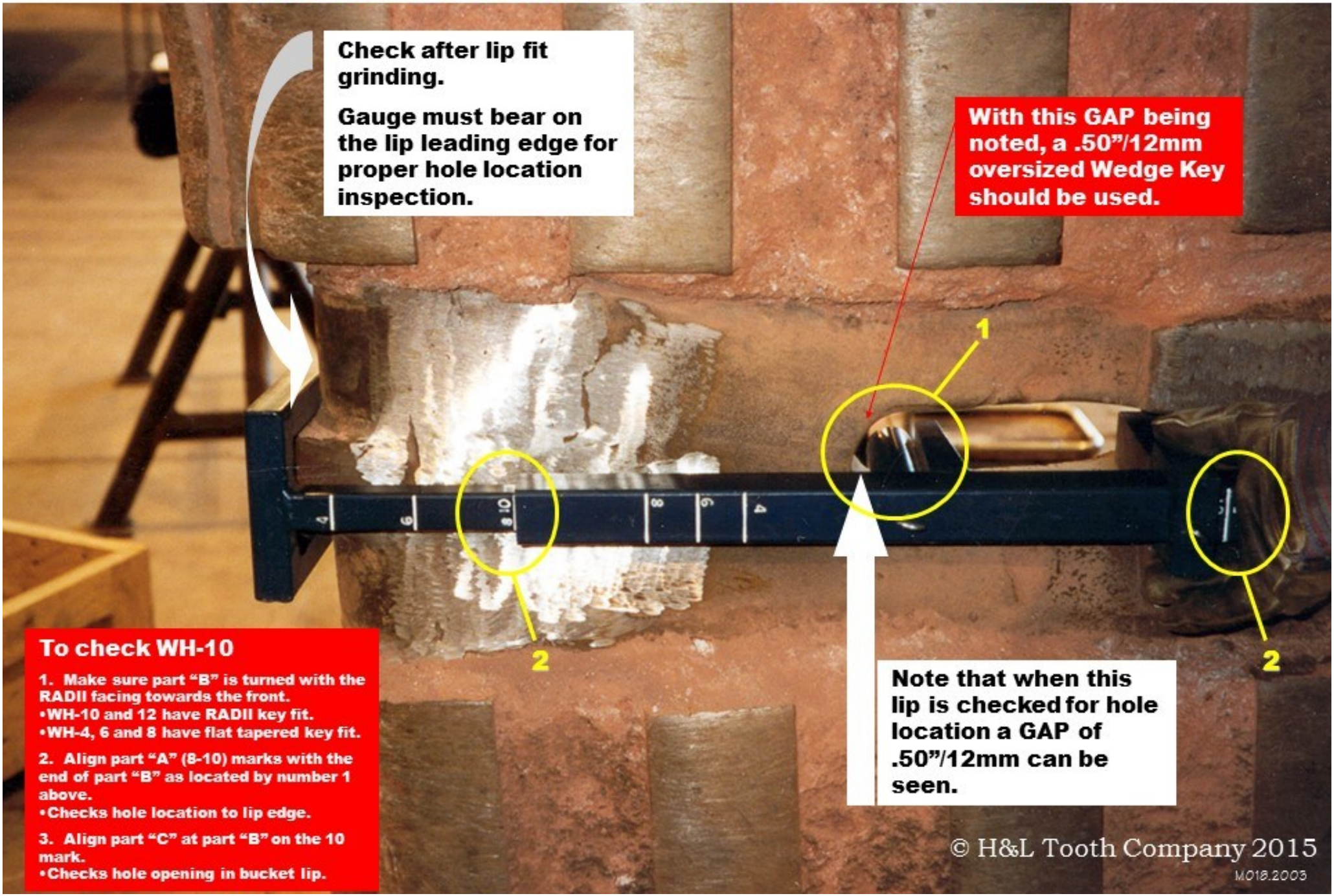


Whisler #	Dimensiones 1	Dimensiones 2
WH-4	8.12"/206.2mm	5.75"/146.0mm
WH-6	10.23"/259.8mm	6.89"/175.0mm
WH-8	12.80"/325.1mm	8.20"/208.3mm
WH-10	15.00".381.0mm	8.00"/203.2mm
WH-12	15.88"/403.4mm	8.50"/215.9mm

These dimensional references are from the OEM Whisler specifications.

H&L Tooth Company
September 2002

X-2562-N HOLE LOCATION GAUGE



To check WH-10

1. Make sure part "B" is turned with the RADII facing towards the front.
   - WH-10 and 12 have RADII key fit.
   - WH-4, 6 and 8 have flat tapered key fit.
2. Align part "A" (8-10) marks with the end of part "B" as located by number 1 above.
   - Checks hole location to lip edge.
3. Align part "C" at part "B" on the 10 mark.
   - Checks hole opening in bucket lip.

MO18.2005

H&L Tooth Company
January 2004

X-2562-AD LIP GRINDING GAUGE - WHISLER 12