

H&L Tooth Company  
Quality **GET** since 1931

#210.2026 Catalog  
A ISO 9001 CERTIFIED Company



[www.hltooth.com](http://www.hltooth.com)



**Tooth Company**

# Ground Engaging Tools

Wear Parts for:

## Caterpillar® Style Replacements

**Quality  
GET since  
1931**



**Cat®  
Style  
Pins and  
Retainers**

**Cat®  
Style  
Ripping  
Scarifiers**



**Cat® Forged  
Replacement  
One-Piece  
Ripper Shanks for  
D8, D9, D10  
and D11**



**PATENTED  
J-Series  
Triple  
Tiger®  
Trident®**



**J-Series  
Older  
Style  
Adapters  
in Stock**

**J-Series  
Forged RSP  
Loader  
Tips**



**Cat® Style  
Single  
Tiger**



**Cat®  
Style  
Bolt-on  
Adapters**

**Replacement  
Uni-Teeth**



**J-Series  
Twin  
Tiger**



**Cat®  
Style  
Weld-on  
Adapters**



**K-Series  
Teeth and  
Retainers**



# 1-800-HL TOOTH

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# Home of the H&L Tooth Company, Tulsa Oklahoma



200,000 square foot  
manufacturing facility  
for **QUALITY FORGED**  
**WEAR PARTS**

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Notes and Comments

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# Caterpillar® Style Tooth Products

**FORGED in the USA, J-SERIES DIGGING TEETH**



H&L Tooth began producing forged digging teeth in the early 1930's, original patents were issued to Partners Chester C. Hosmer and Ernie L. Launder.



The Forging process is the reshaping, resizing and continued reduction of grain flow of steel alloy metals under extreme pressures.

H&L® horizontal up-setters uniquely produce desired tooth configurations for all styles of Teeth use in ground engaging applications!

## J-200 SERIES

**HL-1U-3202**

2.4#



Long Tip

## J-250 SERIES

**HL-1U-3251**

7.5#



Short Tip

**HL-1U-3252**

8.0#



Long Tip

**HL-4T-2253**

8.5#



Abrasion Tip

**HL-1U-3252TT**

8.5#



Twin Tiger Tip

## J-300 SERIES

**HL-1U-3301**

9.8#



Short Tip

**HL-1U-3302**

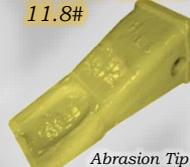
10.2#



Long Tip

**HL-4T-2303**

11.8#



Abrasion Tip

**HL-1U-3302TT**

11.2#



Twin Tiger Tip

## J-350 SERIES

**HL-1U-3351**

14.3#



Short Tip

**HL-1U-3352**

15.2#



Long Tip

**HL-4T-2353**

15.8#



Abrasion Tip

**HL-9N-4352**

21.0#



Long Tip

**HL-9W-2359CLAW**

12.2#



Single Tiger Claw Tip

## J-450 SERIES

Used with J-450 and J460 Series Adapters

**HL-9N-4453**

61.0#



Abrasion Tip

**HL-9W-1453**

32.2#



Heavy Abrasion

**HL-9N-4452RPS**

42.5#



Rock Penetrating Star

**1-800-HL TOOTH**

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# Caterpillar® Style Tooth Products

**FORGED in the USA, J-SERIES DIGGING TEETH**

## J-550 SERIES

**HL-9W-8551**  
36.5#



Short Tip

**HL-9W-8552**  
38.0#



Long Tip

**HL-9W-8552T**  
35.3#



Single Tiger Tip

**HL-138-6558**  
36.0#



Twin Tiger Tip

**HL-9N-4552RPS**  
66.5#



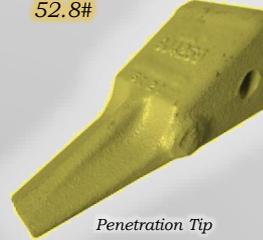
Rock Penetrating Star

**HL-9W-1553**  
52.8#



Abrasion Tip

**HL-9J-4559**  
52.8#



Penetration Tip

## J-600 SERIES

**HL-7Y-0602**  
112.0#



Heavy Duty Long Tip

**HL-135-9608**  
78.0#



Twin Tiger Claw Tip

**H&L® produces a wide variety of adapters, teeth and retention hardware for Loaders, Excavators and Backhoes.**

At H&L's facility in Tulsa Oklahoma, forging tooth tips are done on horizontal machines known as Up-setters. Under the roof in Tulsa are two-4" up-setter lines that produce small backhoe teeth from under 3 pounds to 10 pounds; parts are shaped in 30-second cycles. Two-6" up-setters produce teeth up to 30 pounds, but also allows the adaptation of the 4" up-setter tools that can result in a maximum one-shift daily production of 3500 plus pieces when fully operational. Ripper teeth are produced on a 7 1/2" up-setter creating teeth up to 100 pounds in size. Large mining teeth are produced on two 9" up-setters that produce parts in excess of two-hundred pounds in many styles. Each forge production line is also equipped with up to six additional supporting units, including induction heaters, vertical presses for part trimming, hole punching and coining operations.

## J-700 SERIES

**HL-4T-4703**  
136.0#



Heavy Abrasion Tip

**Over two million GET Parts are housed in Tulsa, Oklahoma.**

## J-800 SERIES

**HL-6I-8802RPS**  
196.0#



Rock Penetrating Star

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# Caterpillar® Style Tooth Products

## VALUE-CAST J-SERIES DIGGING TEETH

### J-200 SERIES

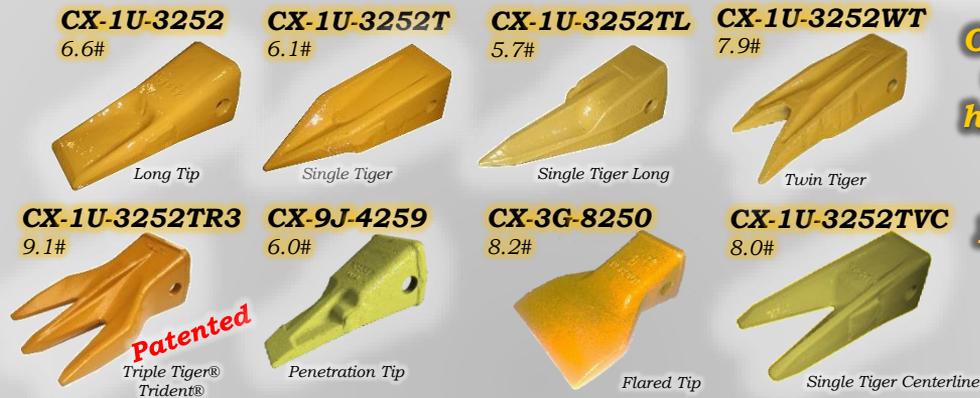


**Patented**

### J-225 SERIES



### J-250 SERIES



Over two million GET Parts are housed in Tulsa, Oklahoma.

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### J-300 SERIES



**Patented**

### J-350 SERIES



**Patented**

# Caterpillar® Style Tooth Products

## VALUE-CAST J-SERIES DIGGING TEETH

### J-400 SERIES

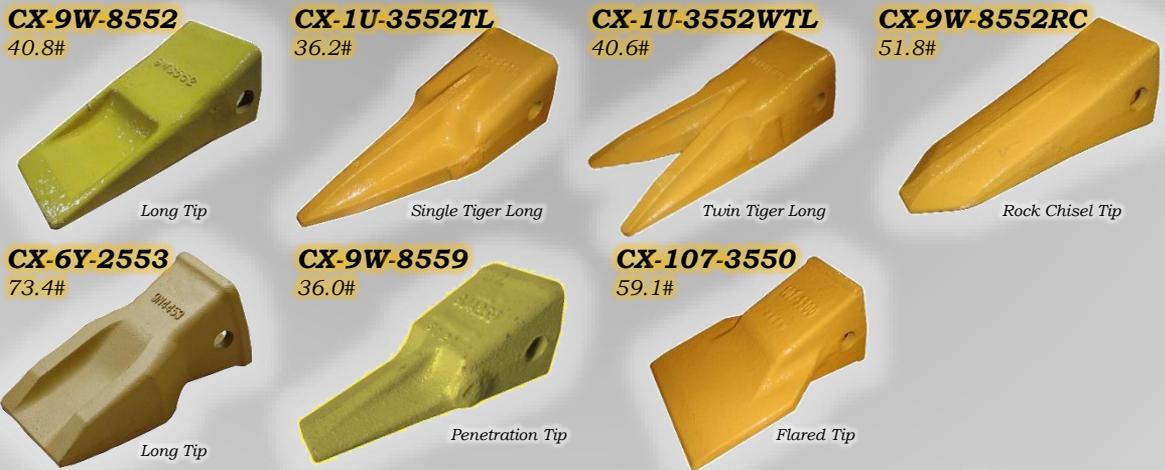


### J-450 SERIES

Used with  
J-450 and J460  
Series  
Adapters



### J-550 SERIES



### J-600 SERIES

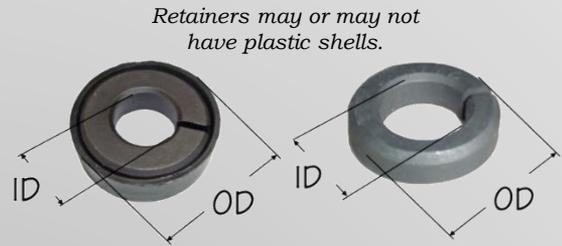
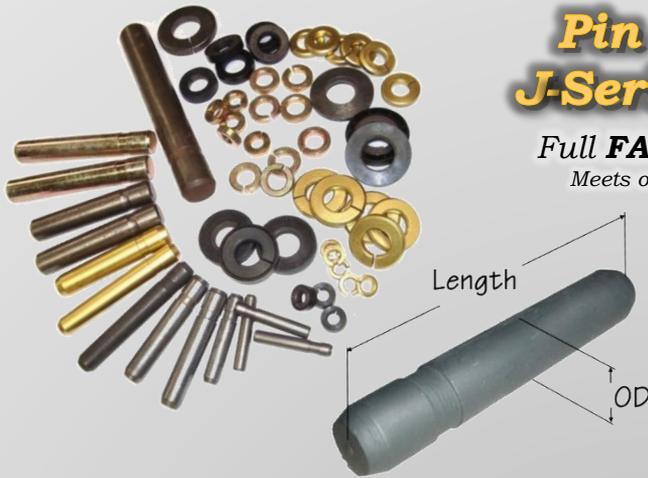


# Caterpillar® Style Pin and Retainer Hardware

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## Pin and Retainer Hardware for J-Series and R-Series Connections

Full **FACTORY WARRANTY** ON ALL H&L PRODUCTS.  
Meets or exceeds OEM requirements, all dimensions are for reference only.



### Steel Pin

Series	Part Number	OD	Length	Other Part Numbers
J-200	HL-9W-7112	0.433"	2.36"	8E-6208, 1U-4208
J-225	HL-6Y-3228	0.551"	2.64"	132-4762
J-250	HL-9J-2258P	0.551"	3.01"	8E-6258, 132-4763
J-300	HL-9J-2308P	0.551"	3.54"	107-3308, 132-4766
J-350	HL-8E-6358	0.748"	4.13"	9J-2358, 7J-6846, 114-0358
J-400	HL-7T-3408	0.866"	4.61"	116-7408, 8E-6408
J-450	HL-6Y-2527	0.748"	5.24"	4T-1458, 1U-1458
J-460	HL-8E-0468	0.945"	5.24"	114-0468
J-550	HL-6Y-8558	0.984"	6.31"	9W-9026, 9J-4558, 107-3378
J-600	HL-113-9608	1.181"	7.56"	6I-6608, 6I-9608
J-700	HL-9U-9616	1.261"	7.68"	113-4708
J-800	HL-134-1808	1.370"	9.30"	102-0101

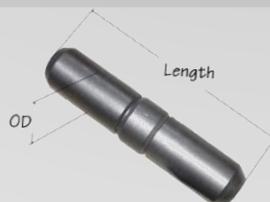
### Retainer

Series	Part Number	ID	OD	Other Part Numbers
J-200	HL-4T-0001	0.417"	0.91"	8E-6209
J-225	HL-8E-6259	0.535"	1.18"	3G-9609, 149-5733
J-250	HL-8E-6259	0.535"	1.18"	3G-9609, 149-5733
J-300	HL-8E-6259	0.535"	1.18"	3G-9609, 149-5733
J-350	HL-8E-6359	0.728"	1.58"	3G-9549, 7J-6845, 114-0359
J-400	HL-7T-3409	0.846"	1.65"	116-7409, 8E-8409
J-450	HL-8E-6359	0.728"	1.73"	3G-9549, 7J-6845
J-460	HL-8E-8469	0.917"	1.73"	107-3469
J-550	HL-8E-5559	0.964"	2.09"	3G-9559, 7J-9559, 107-8559
J-600	HL-113-9609	1.142"	2.28"	6I-6609, 6I-9609
J-700	HL-4T-4707	1.220"	2.52"	113-4709
J-800	HL-134-1809	1.340"	2.78"	101-2874

Series	Part Number	OD	Length	Other Part Numbers
R-200	HL-9W-7112	0.433"	2.36"	8E-6208, 1U-4208
R-250	HL-9J-2258P	0.551"	3.01"	132-4763
R-300	HL-9W-2668	0.750"	3.38"	136-8308, 9J-2358
R-350	HL-8E-6358	0.748"	4.13"	9W-2678, 114-0358
R-450	HL-6Y-3394	0.995"	5.00"	6Y-3394 (Bucket Type) 138-6450 (HD)
R-500	HL-6Y-1204	1.260"	5.60"	6Y-3909 (Bucket Type) 6Y-1204 (Impact) 138-6508 (HD)
R-550	HL-9N-4245	1.410"	7.25"	8E-2229 (Bucket Type) 9N-4245 (Impact) 159-0558 (HD)

Series	Part Number	ID	OD	Other Part Numbers
R-200	HL-4T-0001	0.417"	0.91"	8E-6209
R-250	HL-3G-9609	0.535"	1.18"	133-0609
R-300	HL-1U-2405	0.720"	1.50"	114-0359, 7J-6845
R-350	HL-1U-2405	0.720"	1.50"	114-0359, 7J-6845
R-450	HL-8E-4743	0.970"	1.88"	8E-4743 (Bucket Type) 107-8559 (HD)
R-500	HL-6Y-1202	1.240"	2.50"	4T-4707 (Bucket Type) 6Y-1202 (Impact) 113-4709 (HD)
R-550	HL-6Y-1205	1.380"	2.75"	8E-2230 (Bucket Type) 6Y-1205 (Impact) 134-1809 (HD)

### Compression Ring Hardware for R-Series Caterpillar® Ripper Shanks



Series	Part Number	OD	Length	Other Part Numbers
R-450	HL-4T-2479	1.000"	4.69"	7J-9600
R-450	HL-6J-8811	1.250"	4.50"	
R-500	HL-3G-0500	1.250"	6.00"	102-9062
R-550				6Y-2443

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# J-Series Weld-on & Bolt-on Adapter Products

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## J-200 SERIES

**HL-119-3204**

1.00" Lip  
3.5#



Selected Models  
416, 426, 428,  
436, 438, 446

**HL-119-3205**

0.75" Lip  
3.5#



Selected Models  
303, 303.5, 304.5,  
304C, 305C

**HL-4T-1204**

1.00" Lip  
4.7#



Selected Models  
IT18, 416, 426,  
428, 910, 931, 935

**HL-8J-7525**

1.00" Lip  
3.2#



Selected Models  
IT12, 416, 426, 428,  
910, 931, 935

**HL-9J-4207**

1.50" Lip  
51.0#



Selected Models  
IT12, IT14, IT24, IT26,  
IT28, 910, 931, 933, 935

## J-225 SERIES

**HL-6Y-3224**

.85" Lip  
6.6#



Selected Models  
306, 307, 308,  
311, 312, 446

**H&L® produces a wide variety of adapters, teeth and retention hardware for most Cat® Loaders, Excavators and Backhoes. Over two million GET Parts are housed in Tulsa, Oklahoma. H&L® Tooth is an ISO 9001 CERTIFIED Company**

## J-250 SERIES

**HL-1U-0257**

1.00" Lip  
19.1#



Selected Models  
IT18, 916, 920, 926,  
930, 936, 941, 943,  
951, 953

**HL-1U-1254**

1.50" Lip  
16.2#



Selected Models  
IT18, 916, 920, 926,  
930, 936, 941, 943,  
951, 953

Replaces  
HL-9J-4254

**HL-3G-0169**

1.00" Lip  
13.0#



Selected Models  
IT18, 916, 920, 926,  
930, 936, 941, 943,  
951, 953

**HL-6Y-3254**

1.25" Lip  
9.0#



Selected Models  
Excavator/Backhoe  
Base edge

**HL-3G-4258** shown

**HL-3G-4259** opposite  
1.00" Lip  
15.5#

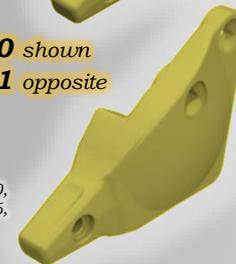
Selected Models  
931, 933, 935, 939,  
941, 951



**HL-6I-9250** shown

**HL-6I-9251** opposite  
1.00" Lip  
29.5#

Selected Models  
915, 920, 934, 930,  
931, 933, 935, 936,  
941, 943, 951



**HL-3G-9307**

1.00" Lip  
29.6#



Selected Models  
996C,  
Replaces  
HL-9W1304



## J-300 SERIES

**HL-1U-0307**

1.00" Lip  
24.6#



Selected Models  
936, 950, 955B, 944, 955,  
Replaces  
HL-8J-6887  
HL-8J-6656

**HL-1U-1304**

1.12" Lip  
17.7#



Selected Models  
235, 936, 950, 955,  
963, 966C, 953, 944,  
Replaces  
HL-8J-9584  
HL-9J-4304

**HL-3G-5307**

1.25" Lip  
34.5#



Selected Models  
966, 966C,  
Replaces  
HL-8J-5307

**HL-3G-6304**

1.25" Lip  
20.0#



Selected Model  
215,  
Replaces  
HL-9J-2826

**HL-3G-4308** shown

**HL-3G-4309** opposite  
1.38" Lip  
36.2#

Selected Models  
950, 955, 960, 963



Replaces  
HL-3G-8308  
HL-3G-8309

**HL-9J-2307**

1.25" Lip  
29.5#



Selected Models  
615, 623, J619, J621

**HL-9J-8929**

1.12" Lip  
18.6#



Selected Models  
244, 936, 944, 950,  
955, 963, 996C

**HL-9W-1304**

1.25" Lip  
13.2#



Selected Models  
215, 219, E180, E200,  
EL200, 224, B-Family

**HL-4T-4307**

1.38" Lip  
28.0#



Selected Models  
950B, 955, 955L, 963,

**HL-8E-5308** shown

**HL-8E-5309** opposite  
1.38" Lip  
39.7#

Selected Models  
950, 955, 960,  
962, 963



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# J-Series Weld-on & Bolt-on Adapter Products

## J-350 SERIES

**HL-1U-1350**  
1.25" Lip  
29.7#



Replaces  
HL-9J-4297  
Selected Models  
224, 966D, 973,  
977, 980, 980C

**HL-1U-1354**  
1.25"-1.75" Lip  
33.0#



Replaces  
HL-9J-4354  
Selected Models  
245, 966D, 973,  
977, 980, 980C

**HL-3G-7357**  
1.25" Lip  
47.0#



Selected Model  
966C

**HL-1U-1358** shown  
**HL-1U-1359** opposite  
1.38" Lip  
49.0#



Selected Models  
973C, 980

**HL-3G-3357**  
1.62" Lip  
41.0#



Selected Models  
966, 966D, 970F,  
973, 977

**HL-3G-1357**  
1.34" Lip  
38.5#



Replaces  
HL-9J-2357  
Selected Models  
966, 966C, 973,  
977

**HL-3G-8354**  
1.50" Lip  
20.0#



Replaces  
HL-8J-4310  
Selected Model  
225

**HL-3G-5358** shown  
**HL-3G-5359** opposite  
1.62" Lip  
56.7#



Selected Models  
960F, 966D, 966G,  
970, 970F, 972G,  
973, 977, 977L

**HL-1U-1357**  
1.75" Lip  
42.0#



Selected Models  
980, 980C

**HL-3G-2357**  
1.88" Lip  
51.0#



Replaces  
HL-8J-5357  
Selected Models  
977, 977L, 977K,  
980, 980B, 980C

**HL-9J-2357**  
1.25" Lip  
40.0#



Replaces  
HL-3G-1357  
Selected Models  
977, 977L, 977K

**HL-8E-5358** shown  
**HL-8E-5359** opposite  
1.62" Lip  
56.7#



Selected Models  
966, 966G, 966H,  
970F, 972H, 972G,  
973, 977, 977L

## J-400 SERIES

**HL-6I-6404**  
1.75" Lip  
28.7#



Selected Models  
225, 229, 231, 235, E300,  
C-Family, D-Family, S-Family

Over two million GET Parts are housed in Tulsa, Oklahoma. H&L® Tooth is an ISO 9001 CERTIFIED Company

## J-450 SERIES

**HL-1U-1454**  
2.00" Lip  
48.0#



Replaces  
HL-8J-1454  
Selected Models  
235, 983, 988

**HL-4T-7454**  
2.00" Lip  
50.0#



Selected Models  
235, 988

**HL-7T-8454**  
2.00" Lip  
50.0#



Replaces  
HL-9J-9584  
Selected Models  
966D, 973, 977, 980, 983, 988

**HL-9J-3667**  
1.75" Lip  
64.0#



Replaces  
HL-8J-1294  
Selected Models  
224, 983, 988, 988B

## J-460 SERIES

**HL-114-0464**  
2.00" Lip  
47.0#



Selected Models  
988, 988B, 988F, 988G, 988H

**HL-8E-0464**  
2.00" Lip  
46.0#



Selected Models  
973, 980, 983, 988

**HL-8E-3464**  
2.00" Lip  
43.0#



Selected Models  
973, 977, 983, 988

**HL-8E-6464**  
2.00" Lip  
43.0#



Selected Models  
973, 977, 983, 988

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# J-Series Weld-on Adapter Products

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## J-550 SERIES

**HL-3G-4554**  
2.50" Lip  
78.0#



Replaces  
HL-8J-1454  
HL-9J-9384

Selected Models  
992, 992B, 992C

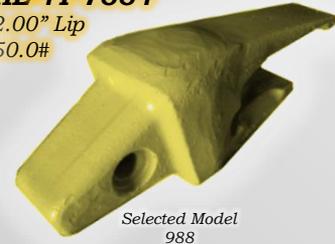
**HL-3G-9494**  
2.50" Lip  
92.0#



Replaces  
HL-9J-6181  
HL-3G-8554

Selected Models  
245, 983B, 992, 992B, 992C

**HL-4T-7554**  
2.00" Lip  
50.0#



Selected Model  
988

**HL-6I-6554**  
2.38" Lip  
77.2#



Replaces  
HL-1U-1553  
HL-9J-0174

Selected Models  
235, 245, DB-Family, E-Family,  
F-Family, G-Family, H-Family  
TB-Family, UB-Family, V-Family

**HL-7J-9554**  
2.00" Lip  
78.0#



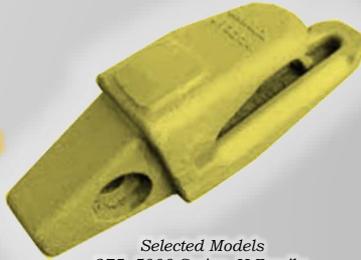
Selected Model  
992, 992B

**Over two million GET  
Parts are housed in Tulsa,  
Oklahoma.**

**H&L® Tooth is an ISO  
9001 CERTIFIED Company**

## J-600 SERIES

**HL-6I-6604**  
3.00" Lip  
116.8#



Selected Models  
275, 5000-Series, H-Family,  
HB-Family, J-Family,  
W-Family, WB-Family

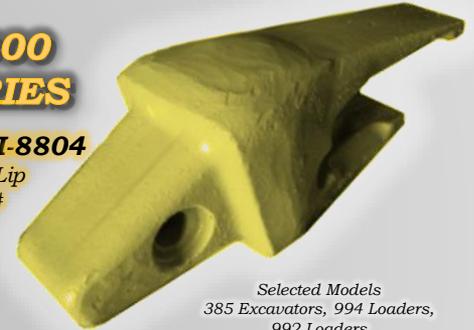
## J-700 SERIES

**NONE AVAILABLE  
AT THIS TIME...  
We have the Teeth!**

Selected Models  
5000-Series, 994 Loaders, 992  
Loaders, 990 Loaders, J-Family,  
JB-Family, WB2-Family

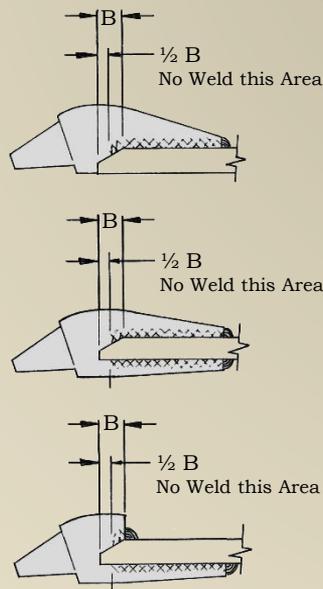
## J-800 SERIES

**HL-6I-8804**  
4.00" Lip  
265.0#



Selected Models  
385 Excavators, 994 Loaders,  
992 Loaders

## Typical Adapter Welding Instructions



H&L® adapters may be attached to products of various material compositions and heat treatments. This information is considered as general in nature, it is recommended that a welding engineer be contacted.

1. Thoroughly clean oil, paint, dirt or rust from the weld areas. Before preheating, allow adapters to be stored at room (70°F) temperature for a minimum of eight hours. Preheat the adapter and adjacent lip material to 400°F.
2. Use 3/16" diameter, type 7018 low hydrogen welding rods. It is recommended that weld be stored in a dry place, possibly baked prior to use in accordance with suppliers instruction to prevent excessive moisture.
3. Start welds at the rear of the adapter and proceed towards the lip blunt and angle of the cutting edge, using multi-pass technique, placing weld beads alternately on each side of the adapter forming a fillet weld.
4. Stop weld bead 1" from the blunt and angle of the cutting edge to prevent excessive stress concentration between adapter and lip. REMOVE any slag build up after each pass of the weld rod.
5. Complete fillet welds such that the horizontal and vertical are approximately .75".
6. Allow all welds to slow cool to room temperatures, 70°F and above.

# 1-800-HL TOOTH

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All manufacturer's names, numbers, symbols and descriptions are used for reference purposes only.

# Caterpillar® Style Scarifiers & Small Rippers

©H&L Tooth Company 2026

H&L produces a wide variety of SCARIFIERS for Caterpillar and Other equipment.

**Heavy Duty  
FORGED  
HL-6Y-5230**  
3.3#



Replaces  
2D-5572  
HP-55

**Medium Duty  
Value-Cast CX-6Y-5230**  
3.1#

<b>HL-5-0940</b> 12.0#	<b>HL-5B-0947</b> 12.4#	<b>HL-8110</b> 13.0#
---------------------------	----------------------------	-------------------------

Selected Models  
# 12, #12G, # 14, # 112, #120, 12DG, 130G, 140G, #212 and Others

**FORGED  
HL-5K-1459**  
1.0#



**Scarifier  
Retaining  
Pin**

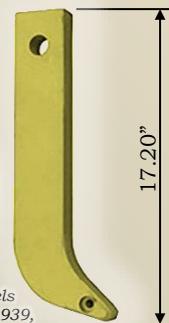
**R-200  
SERIES**

**UNFORGED®  
HL-1U-3202**  
2.4#



Selected Models  
No. 3, 931, 933, 939,  
D4C, 135H, 120H, D5C

**HL-8J-5299**  
15.3#



**R-250  
SERIES**

**UNFORGED®  
HL-1U-3252**  
8.0#



**HL-1U-1257**  
44.0#



Selected Models  
943, 953, D3G,  
D4G, D5G

**R-300  
SERIES**

**HL-6Y-0309ST**  
12.8#  
Star Rib  
Design



**CX-6Y-0309**  
12.0#



**Value-Cast**

**HL-9J-8913**  
70.0#



Selected Models  
No. 12 & 14, 130,  
140, 143H, 16H, 163

**HL-9J-6586**  
63.0#



Selected Models  
No. 4, 941, 951,  
955, 963

**R-350  
SERIES**

**HL-6Y-0359ST**  
26.0#  
Star Rib  
Design



**UNFORGED®**

**CX-6Y-0359**  
26.0#



**Value-Cast**

**HL-9J-8923**  
122.0#



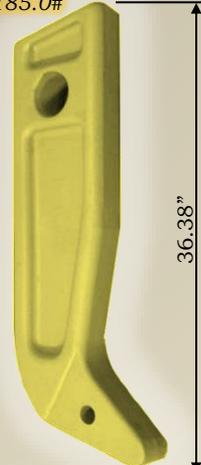
Selected Models  
No. 5 & 6, 973, 977,  
16, 24H, D6M, D6N

**HL-9J-3139**  
145.0#



Selected Models  
No. 5 & 6, 973, 977,  
16, 24H, D6M, D6N

**HL-7J-6671**  
185.0#



Selected Models  
983

**HL-9J-1642**  
300.0#



Selected Models  
No. 7, D7, D7R

**Over two million GET Parts are housed in Tulsa, Oklahoma.  
H&L® Tooth is an ISO 9001 CERTIFIED Company**

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# Caterpillar® Style Ripper Products

©H&L Tooth Company 2026

**“Always use the longest tip that will rip without excessive breakage.”**

*quote Caterpillar's Handbook of Ripping 2/2000*

## R-450 FORGED SERIES

### HL-9W-2451

33.0#  
Short  
Centerline



Unforged  
in the USA

### HL-9W-2452ST

40.0#  
Star Rib  
Design



Replaces  
9W-2452

Unforged  
in the USA

### HL-4T-4453

43.0#  
Long  
Centerline



Replaces  
114-0453

Unforged  
in the USA

### CX-4T-5452H

44.1#  
Penetration



Unforged  
in the USA

### HL-4T-4501

60.0#  
Short  
Design



Unforged  
in the USA

### CX-4T-5502

56.1#  
Long  
Design



### CX-4T-5503H

84.2#  
Heavy  
Design



### HL-4T-4502ST

65.0#  
Star Rib  
Design



Unforged  
in the USA

### HL-4T-4503

66.0#  
Long  
Centerline



Unforged  
in the USA

“Tip selection is also affected by the abrasiveness of the material. Centerline ripper tips are designed for abrasive applications where increased wear life is a consideration.”

## D11 and D10 Ripper Shanks

•One piece ripper shank.

Model	Part Number	Weight*	Width	Depth	Length	Holes	Series
D11 •DR	HL-104-9275♦	2630.0#	4.33"	17.75"	129.62"	3	R-550
D11 •SS	HL-104-9277♦	2180.0#	4.33"	17.75"	107.50"	4	R-550
D11, D10 •MS	HL-3G-6507	1360.0#	3.94"	15.75"	81.31"	2	R-500
D11, D10 •MS	HL-6Y-5616♦	1310.0#	3.94"	15.75"	77.85"	2	R-500
D11 •SS	HL-8E-0467	2180.0#	4.33"	17.75"	107.50"	4	R-550
D11, D10 •MS	HL-8E-8413♦	1310.0#	3.94"	15.75"	77.85"	2	R-500
D10 •SS	HL-118-2140	1650.0#	3.94"	15.75"	98.80"	3	R-500
D10 •SS	HL-1U-4592	1850.0#	3.94"	15.75"	110.62"	4	R-500
D10, D 9 •SS	HL-3G-2088	1240.0#	3.50"	14.00"	91.65"	3	R-500
D10, D11 •MS	HL-3G-6507	1360.0#	3.94"	15.75"	81.31"	2	R-500
D10 •SS	HL-6Y-4679♦	1850.0#	3.94"	15.75"	110.62"	4	R-500
D10, D11 •MS	HL-6Y-5616♦	1310.0#	3.94"	15.75"	77.85"	2	R-500
D10, D 9 •SS	HL-6Y-6138	1240.0#	3.50"	14.00"	91.65"	3	R-500
D10, D 9 •MS	HL-6Y-6141	960.0#	3.50"	14.00"	71.75"	2	R-500
D10 •DR	HL-6Y-6144	1450.0#	3.50"	14.00"	111.20"	3	R-500
D10 •DR	HL-6Y-6147	1580.0#	3.50"	15.00"	111.20"	3	R-500
D10 •MS	HL-7T-5131♦	1310.0#	3.94"	15.75"	77.85"	2	R-500
D10 •SS	HL-8E-8411♦	1400.0#	3.50"	15.00"	98.80"	3	R-500
D10 •MS	HL-8E-8413♦	1310.0#	3.94"	15.75"	77.85"	2	R-500
D10, D 9 •SS	HL-8E-8414	1235.0#	3.50"	14.00"	91.50"	3	R-500
D10, D 9 •MS	HL-8E-8415♦	960.0#	3.50"	14.00"	71.75"	2	R-500
D10 •DR	HL-8E-8417♦	1670.0#	3.50"	15.00"	118.00"	3	R-500
D10 •MS	HL-9J-5954	958.0#	3.50"	14.00"	71.00"	2	R-500
D10 •SS	HL-9W-4426	1240.0#	3.50"	14.00"	91.65"	3	R-500

•SS = Single Shank  
•DR = Deep Ripping  
•MS = Multi Shank

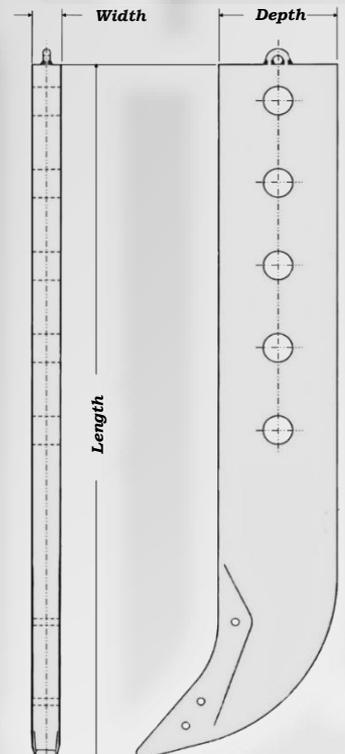
\*Weights are an estimation actual ripper shanks may differ due to steel tolerancing.

Quote Caterpillar® Handbook of Ripping

## R-550 SERIES

### CX-6Y-3552

95.5#  
Intermediate  
Penetrator



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# Caterpillar® Style Ripper Products

D9 and D8 Ripper Shanks ♦One piece ripper shank.

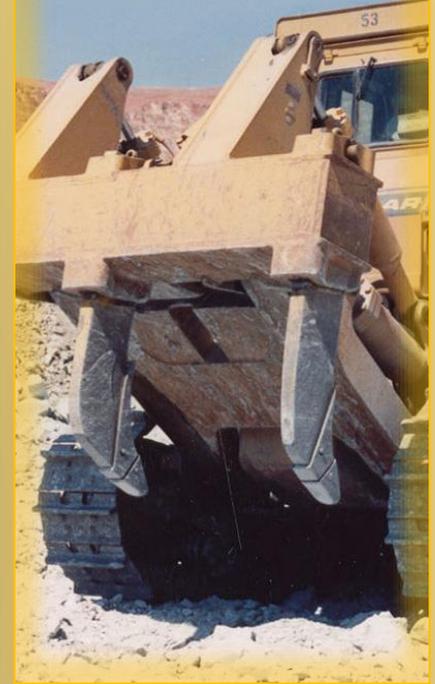
Model	Part Number	Weight*	Width	Depth	Length	Holes	Series
D 9 ♦SS	HL-114-4503B	1235.0#	3.50"	14.00"	90.50"	3	R-500
D 9, D10 ♦SS	HL-3G-2088	1240.0#	3.50"	14.00"	91.65"	3	R-500
D 9 ♦DR	HL-3G-8566	1850.0#	3.94"	15.75"	110.65"	4	R-500
D 9, D 8 ♦DR	HL-4T-8988♦	1330.0#	3.00"	13.00"	108.50"	3	R-450
D 9, D 8 ♦SS	HL-4T-8990♦	770.0#	3.00"	13.00"	63.20"	2	R-450
D 9, D10 ♦SS	HL-6Y-6138	1240.0#	3.50"	14.00"	91.65"	3	R-500
D 9, D10 ♦MS	HL-6Y-6141	960.0#	3.50"	14.00"	71.75"	2	R-500
D 9 ♦DR	HL-7J-1793♦	1435.0#	3.50"	14.00"	106.30"	6	R-450
D 9 ♦MS	HL-7J-1794♦	750.0#	3.00"	13.00"	69.20"	2	R-450
D 9 ♦MS	HL-7J-1795♦	750.0#	3.00"	13.00"	62.20"	2	R-450
D 9 ♦SS	HL-8E-5339♦	1120.0#	3.00"	13.00"	91.80"	3	R-450
D 9, D 8 ♦MS	HL-8E-5346♦	770.0#	3.00"	13.00"	63.40"	2	R-450
D 9, D10 ♦SS	HL-8E-8414♦	1235.0#	3.50"	14.00"	91.50"	3	R-500
D 9, D10 ♦MS	HL-8E-8415♦	960.0#	3.50"	14.00"	71.75"	2	R-500
D 9 ♦SS	HL-9W-6167♦	1120.0#	3.00"	13.00"	91.65"	3	R-450
D 8 ♦DR	HL-4T-0134♦	1120.0#	3.00"	13.00"	96.60"	3	R-450
D 8 ♦SS	HL-4T-0135♦	900.0#	3.00"	13.00"	75.00"	3	R-450
D 8 ♦MS	HL-4T-0136♦	700.0#	3.00"	13.00"	59.50"	2	R-450
D 8 ♦DR	HL-8E-5340♦	1170.0#	3.00"	13.00"	96.60"	3	R-450
D 8, D 9 ♦DR	HL-4T-8988♦	1320.0#	3.00"	13.00"	108.50"	3	R-450
D 8 ♦SS	HL-4T-8989♦	950.0#	3.00"	13.00"	79.35"	3	R-450
D 8, D 9 ♦MS	HL-4T-8990♦	770.0#	3.00"	13.00"	63.20"	2	R-450
D 8, D 9 ♦MS	HL-8E-5346♦	770.0#	3.00"	13.00"	63.40"	2	R-450
D 8 ♦SS	HL-8E-5347♦	965.0#	3.00"	13.00"	79.35"	3	R-450

♦SS = Single Shank  
♦DR = Deep Ripping  
♦MS = Multi Shank

\*Weights are an estimation, actual ripper shanks may differ due to steel tolerancing.

*"There are many variable to ripping. Utilization of the proper operator techniques will increase production, maximize ripper tooth life, reduces track wear, and prevent tractor and ripper damage."*

*Quote Caterpillar® Handbook of Ripping*

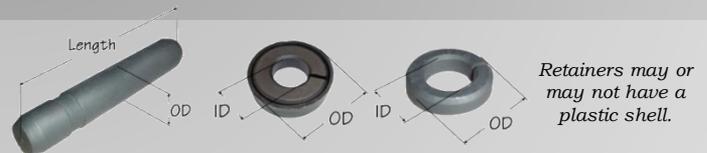


## Cat Ripper Style Pins and Retainers

Full **FACTORY WARRANTY** ON ALL H&L PRODUCTS. Meets or exceeds OEM requirements All dimensions are for reference only.

Series	Part Number	OD	Length	Other Part Numbers
R-200	HL-9W-7112	0.433"	2.36"	8E-6208, 1U-4208
R-250	HL-9J-2258P	0.551"	3.01"	132-4763
R-300	HL-9W-2668	0.750"	3.38"	136-8308, 9J-2358, 2W-2668
R-350	HL-8E-6358	0.748"	4.13"	9W-2678, 114-0359
R-450	HL-6Y-3394	0.995"	5.00"	6Y-3394 (Bucket Type) 138-6450 (HD)
R-500	HL-6Y-1204	1.260"	5.60"	6Y-3909 (Bucket Type) 6Y-1204 (Impact) 138-6508 (HD)
R-550	HL-9N-4245	1.410"	7.25"	8E-2229 (Bucket Type) 9N-4245 (Impact) 159-0558 (HD)

Series	Part Number	OD	Length	Other Part Numbers
R-450	HL-4T-2479	1.000"	4.69"	7J-9600
R-450	HL-6J-8811	1.250"	4.50"	
R-500	HL-3G-0500	1.250"	6.00"	102-9062
R-550				6Y-2443



Series	Part Number	ID	OD	Other Part Numbers
R-200	HL-4T-0001	0.417"	0.91"	8E-6209
R-250	HL-3G-9609	0.535"	1.18"	133-0699
R-300	HL-1U-2405	0.720"	1.50"	114-0359, 7J-6845
R-350	HL-1U-2405	0.720"	1.50"	114-0359, 7J-6845
R-450	HL-8E-4743	0.970"	1.88"	8E-4749 (Bucket Type) 107-8559 (HD)
R-500	HL-6Y-1202	1.240"	2.50"	4T-4707 (Bucket Type) 6Y-1202 (Impact) 113-4709 (HD)
R-550	HL-6Y-1205	1.380"	2.75"	8E-2230 (Bucket Type) 6Y-1205 (Impact) 134-1809 (HD)



**Compression Ring  
Hardware for R-Series  
Caterpillar Ripper Shanks!**

# Caterpillar® Style Repair and Conversion Noses

©H&L Tooth Company 2026



*R-Series Ripper Replacement Nosepieces are not a stocking items, call to check availability.*

## “1812 CONE STYLE” REPAIR Nosepiece

*Cone style nosepieces are not a standard R-Series type repair nose offered or designed by the OEM.*

*Caution should always be used when replacing the ripper nose angle. Specialty “1812 Cone” Nosepieces were designed & manufactured by H&L® Tooth Company since 1964!*

Part Number	Weight	Tooth Series
<b>HLS-CR1</b>	2.8#	R-200
<b>HLS-CR2</b>	9.0#	R-250
<b>HLS-CR3</b>	12.5#	R-300
<b>HLS-CR4</b>	27.0#	R-350
<b>HLS-CR5</b>	38.0#	R-450
<b>HLS-CR6</b>	79.0#	R-500

## Nosepiece for R-450 SERIES Ripper Repair or Conversion



Use three HL-4T-2479 Pins and one 6J-8811 Pin

HL-6J-8814 Protector

Used on;  
D-9, D-9L  
D-8, D-8K,  
D8L

**HL-4T-9776**  
41.0#



Use three HL-4T-2479 Pins and one 6J-8811 Pin

HL-6J-8814 Protector

Used on;  
D-9, D-9L  
D-8, D-8K,  
D8L

**HL-7J-1791**  
**HL-4T-8315**  
179.0#



Use three HL-6Y-3394 Pins and HL-8E-4743 Retainers

HL-6J-8814 Protector

Used on;  
D-9, D-9L  
D-8, D-8K,  
D8L

**HL-9U-9694**  
41.0#



Use three HL-6Y-3394 Pins and HL-8E-4743 Retainers

HL-6J-8814 Protector

Used on;  
D-9, D-9L  
D-8, D-8K,  
D8L

**HL-8E-8418**  
179.0#

## Nosepiece for R-500 SERIES Ripper Repair or Conversion



Use three HL-6Y-1204 Pins and HL-6Y-1202 Retainers

HL-9W-8365 Protector

Used on;  
D-11N,  
D-10, D-10T  
D9L, D9

**HL-103-8115**  
160.0#



Use three HL-3G-0500 Pins

HL-3G-9594 Protector

Used on;  
D-11N,  
D-10, D-10T  
D9L, D9

**HL-103-8115A**  
160.0#



Use two HL-3G-0500 Pins

HL-1U-3644 Protector

Used on;  
D-11N  
D-10, D9L

**HL-3G-7505**  
140.0#



Use two HL-3G-0500 Pins

HL-1U-3644 Protector

Used on;  
D-11N  
D-10, D9L

**HL-1U-3630**  
250.0#

# 1-800-HL TOOTH

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# Weld Repair and Conversion of Ripper Shank Noses

©H&L Tooth Company 2026

## Nosepiece for R-550 SERIES Ripper Repair or Conversion



Use three  
9N-4245 Pins  
and 6Y-1205  
Retainers

9N-4621  
Protector

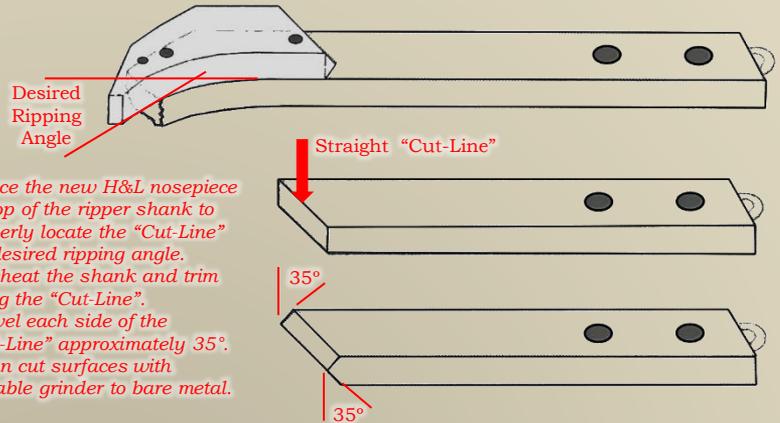
Used on;  
D-11N

**HL-104-9279**  
320.0#

R-550-Series Ripper Nosepieces  
is not stocking items, call to check  
availability.

## Broken RIPPER Preparation

Welding instructions for the proper installation of a forged alloy steel repair nosepiece to a broken or conversion ripper shank. Due to the chemical composition and properties of forged alloy nosepiece, please follow these procedures to obtain the best possible result.



- Place the new H&L nosepiece on top of the ripper shank to properly locate the "Cut-Line" for desired ripping angle.
- Preheat the shank and trim along the "Cut-Line".
- Bevel each side of the "Cut-Line" approximately 35°. Clean cut surfaces with portable grinder to bare metal.

## RIPPER Repair or Conversion Nosepiece Welding

1. Place the new nosepiece in welding position as shown in (figure 1). Tack weld as illustrated with gap. Use dry .188" or larger electrode type welding rod (A.W.S. Classification (E-7018). **Check Quarter-Shank Nosepiece and broken ripper shank for straightness and alignment.**
2. While maintaining proper heat, apply first sealer bead on one side of the nosepiece and ripper shank, immediately proceeding with the second sealer bead on the opposite side (figure 2).
3. Clean sealer beads on both side between the nosepiece and ripper shank. Begin building up with a weave pattern of weld on successive welds (figure 3). **LET REPAIR OR CONVERSION WELDS COOL SLOWLY.**
4. Use hard-facing style welding rod on the last pass to provide abrasive wear resistance (figure 4). Grind the leading edge and trailing edge of the repair ripper shank until smooth.

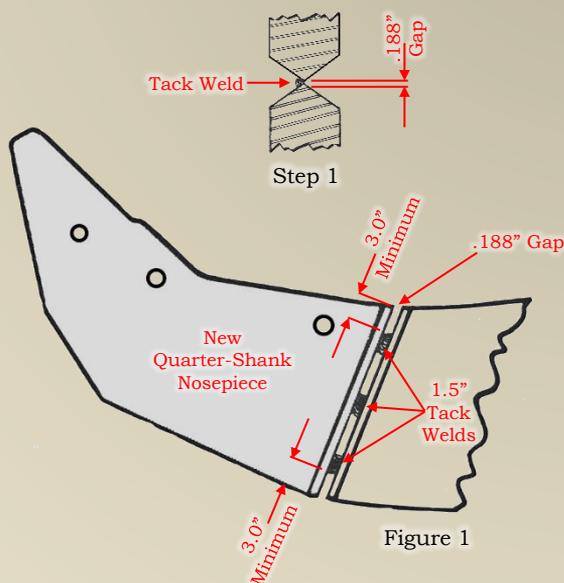
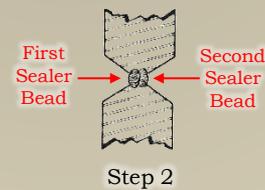
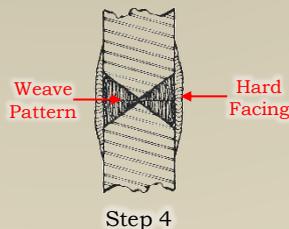


Figure 1



Step 2



Step 4

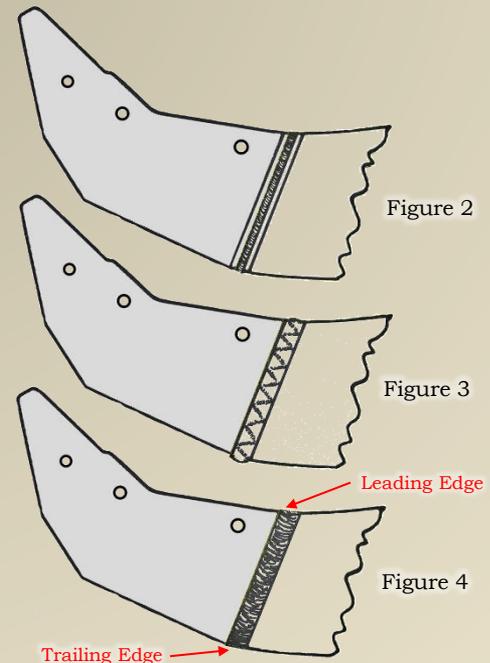


Figure 2

Figure 3

Figure 4

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# Caterpillar® Style Tooth Products

## VALUE-CAST K-SERIES DIGGING TEETH

### K-80 SERIES

**CX-475-5473**  
10.8#



General Duty Tooth  
replaces 220-9089

**CX-475-5471**  
9.0#



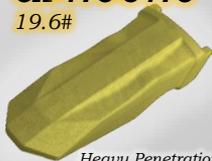
Spike Tooth  
replaces 220-9087

**CX-475-5472**  
11.0#



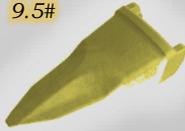
Double Spike Tooth  
replaces 220-9088

**CX-475-5475**  
19.6#



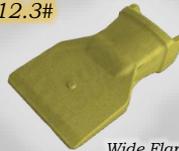
Heavy Penetration  
replaces 222-1081

**CX-475-5469**  
9.5#



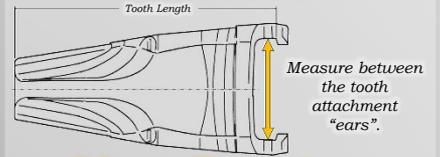
Penetration Tooth  
replaces 220-9082

**CX-475-5474**  
12.3#



Wide Flared  
replaces 222-1080

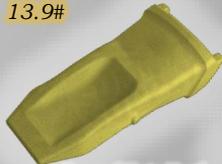
### Identifying K-SERIES tooth size



Series	Measurement
<b>K-80</b>	80mm/3.14"
<b>K-90</b>	90mm/3.54"
<b>K-100</b>	100mm/3.94"
<b>K-130</b>	130mm/5.12"
<b>K-150</b>	150mm/5.90"

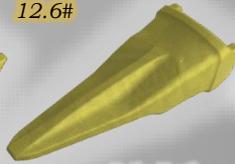
### K-90 SERIES

**CX-475-5484**  
13.9#



General Duty Tooth  
replaces 220-9099

**CX-475-5483**  
12.6#



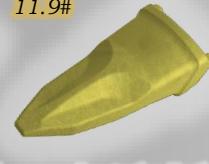
Spike Tooth  
replaces 220-9097

**CX-475-5491**  
16.5#



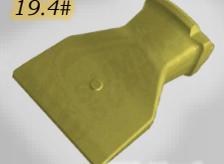
Double Spike Tooth  
replaces 309-1098

**CX-475-5481**  
11.9#



Penetration Tooth  
replaces 220-9092

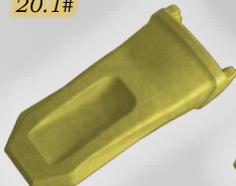
**CX-475-5485**  
19.4#



Wide Flared  
replaces 222-1090

### K-100 SERIES

**CX-475-5497**  
20.1#



General Duty Tooth  
replaces 220-9109

**CX-475-5495**  
18.7#



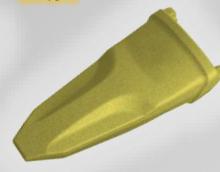
Spike Tooth  
replaces 220-9107

**CX-475-5496**  
23.2#



Double Spike Tooth  
replaces 220-9108

**CX-475-5493**  
17.9#



Penetration Tooth  
replaces 220-9102

**CX-475-5498**  
26.0#



Wide Flared  
replaces 223-8100

### K-110 SERIES

**CX-467-9824**  
26.0#



General Duty Tooth  
replaces 286-2117

**CX-470-7972**  
24.9#



Spike Tooth  
replaces 286-2115

**CX-467-9822**  
23.2#



Penetration Tooth  
replaces 286-2113

**CX-470-7986**  
33.5#



Wide Flared  
replaces 286-2111

# 1-800-HL TOOTH

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# Caterpillar® Style Tooth Products

## VALUE-CAST K-SERIES DIGGING TEETH

### K-130 SERIES

**CX-470-7978**  
0.0#



General Duty Tooth  
replaces 220-9139

**CX-470-7976**  
0.0#



Spike Tooth  
replaces 220-9137

**CX-470-7977**  
0.0#



Double Spike Tooth  
replaces 220-9138

**CX-467-9813**  
0.0#



Penetration Tooth  
replaces 220-9132

### K-150 SERIES

**CX-470-7973**  
53.9#



Double Spike Tooth  
replaces 229-7158

## Best use of K-Series Tooth Designs!

### General Duty Tooth Design:

- Recommended for all general applications. Moderate impact and abrasive conditions.
- Good penetration, self-sharpening.

### Spike Tooth Design:

- Maximum penetration, especially in cohesive abrasion.
- Additional material for chanced wear life.
- Top and bottom rib for self-sharpening.

### Double Spike Tooth Design:

- For hard-to-penetrate, excellent fracturing of hard materials.
- Additional penetration and self-sharpening.
- Used on bucket corners positions with Spike teeth.
- Both Double and single Spike have same tooth length.

### Heavy Penetration Tooth Design:

- Recommended for high abrasive and impact condition, especially with shot rock.
- Excellent penetration and wear material with self-sharpening feature.

### Penetration Tooth Design:

- Designed for hard-to-penetrate, moderate impact with lower abrasion.
- Very good penetration.
- Top rib, bottom cavity for self-sharpening.

### Wide Flared Tooth Design:

- Designed for easy-to-penetrate trenching applications.
- Requires LOW impact conditions.
- Creates smooth floor trenches pipe laying ease.

## Steel Pin Hardware for K-Series Tooth Connections

**K-80,  
K-90,  
K-100**

**HL-220-9090**  
0.3#



Steel Pin Keeper

**K-110**

**HL-286-2110**  
0.5#



Steel Pin Keeper

**K-130**

**HL-220-9130**  
0.7#



Steel Pin Keeper

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# Caterpillar® Style VRS-50 Series

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H&L® Introduces the “VRS-50 Vertical Retention Systems” for Caterpillar® Models 303/304 and 305 Mini Hydraulic Excavators. Cobra Teeth and Adapters are interchangeable with Cat® Parabolic® 156 Series.

**H&L® offers the ONLY unforged® VRS-50 tooth in the World!**

Bucket Groups 255-3405, 255-3398, 255-3392, 252-2623, 252-2600, 252-1616  
 Bucket Assemblies 255-3406, 255-3399, 255-3393, 252-2624, 252-2601, 252-2617



Caterpillar® PSK, page 127

303 CR/303C CR/303.5C CR BUCKET COMPONENTS (Cont'd.)		Excavators	
Bucket Group	255-3405	255-3398	255-3392
Bucket Assembly	255-3406	255-3399	255-3393
Tip Options	(3) 238-3202	(3) 238-3202	(4) 238-3202
VRS 50 Long	(3) 238-3206	(3) 238-3206	(4) 238-3206
VRS 50 Penetration	(3) 238-3207	(3) 238-3207	(4) 238-3207
VRS 50 Twin Sharp	(3) 238-3209	(3) 238-3209	(4) 238-3209
VRS 50 Sharp	(3) 238-3200	(3) 238-3200	(4) 238-3200
Retention Pin	(3) 4F-3656	(3) 4F-3656	(3) 4F-3656
Sidcenter (L/R)	(3) 4K-0367	(3) 4K-0367	(3) 4K-0367
Nut	(3) 4F-3656	(3) 4F-3656	(3) 4F-3656
Tip Options: HD — Heavy Duty	(3) 4K-0367	(3) 4K-0367	(3) 4K-0367
Tip Options: VRS — Vertical Retention System	(3) 4K-0367	(3) 4K-0367	(3) 4K-0367

303 CR/303C CR/303.5C CR BUCKET COMPONENTS — Continued			
Bucket Group	303-1324	303-1325	303-1326
Bucket Assembly	303-1324	303-1325	303-1326
Tip - inches	12"	16"	20"
Tip - mm	305	405	510
Edge	HD	HD	HD
Number of Teeth	306-5658	290-2943	290-2944
On Adapter	3	3	3
Tip	(3) 119-3205	(3) 119-3205	(3) 119-3205
(L/R)	(3) 119-3205	(3) 119-3205	(3) 119-3205
HD — Heavy Duty	(3) 4F-3656	(3) 4F-3656	(3) 4F-3656
Tip Options: HD — Heavy Duty	(3) 4K-0367	(3) 4K-0367	(3) 4K-0367
Tip Options: VRS — Vertical Retention System	(3) 4K-0367	(3) 4K-0367	(3) 4K-0367



# Cat® Offered H&L® Original 230-Series

©H&L Tooth Company 2026

## HERE'S AN ORIGINAL TIP!

"Give your mixed fleet the rugged durability of **FORGED** teeth",  
H&L® Teeth since 1931...and still **Made in the USA!**



135-8233  
230DFP  
Flexpin



H&L®  
ORIGINAL  
Flexpin®

H&L®  
ORIGINAL  
Adapters

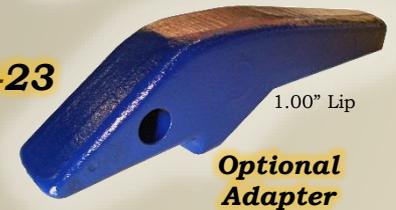
2740-ZW-23  
Adapter



D-834-23  
Adapter



L-4107-AAW-23  
Adapter



NEW Patented  
230TR3  
Tip



# 1-800-HL TOOTH

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# H&L® Quality Uniteeth!

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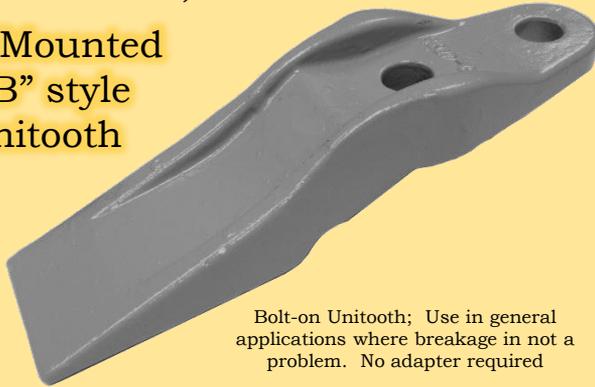


**Fits all Caterpillar® Mini-Excavator, Backhoe and Loaders requiring the bolt-on 132-4720 or 9W-1879 Unitooth.**

## Fits Cat® Model:

*Loaders  
902, 906 and 908*

Top Mounted  
“1B” style  
Unitooth

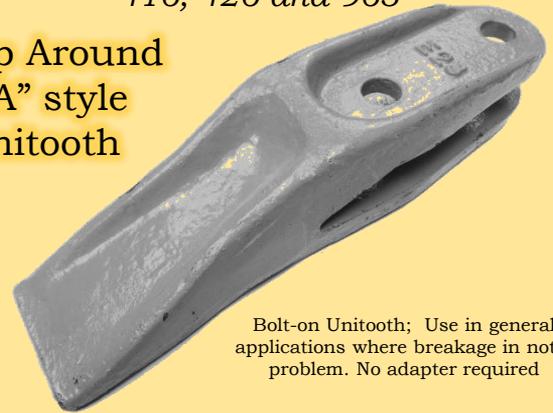


Bolt-on Unitooth; Use in general applications where breakage is not a problem. No adapter required

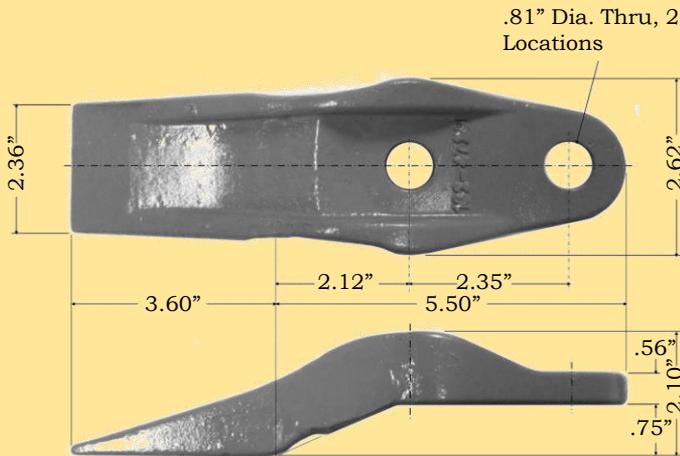
## Fits Cat® Model:

*Loaders  
416, 426 and 963*

Wrap Around  
“1A” style  
Unitooth

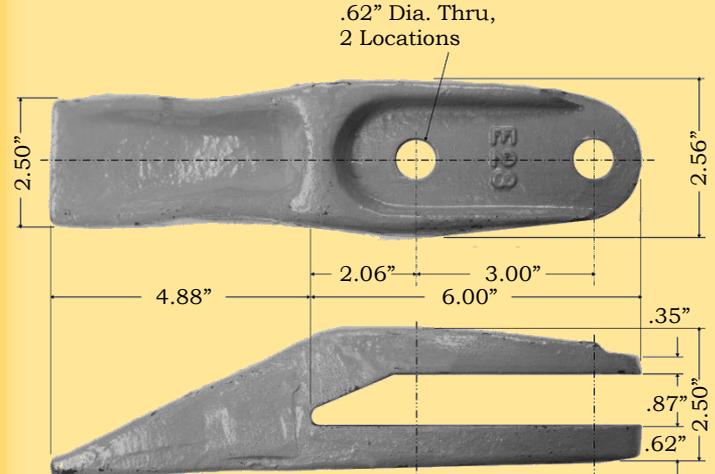


Bolt-on Unitooth; Use in general applications where breakage is not a problem. No adapter required



## HL-132-4720 Unitooth

H&L® Uniteeth are specifically designed for Caterpillar application and meets or exceeds OEM specifications. Uniteeth and adapters with replaceable teeth are excellent for assisting in loading hard dirt, gravel and sand; making it a perfect asset for your ground-engaging machine. Our heavy-duty Uniteeth are made from Chrom-Moly-Nickel grade steels, heat-treated and tempered to supply maximum **GET** strength and hardness.



## HL-9W-1879 Unitooth

*Other Part Number E28*

H&L® Uniteeth are specifically designed for Caterpillar application and meets or exceeds OEM specifications. Uniteeth and adapters with replaceable teeth are excellent for assisting in loading hard dirt, gravel and sand; making it a perfect asset for your ground-engaging machine. Our heavy-duty Uniteeth are made from Chrom-Moly-Nickel grade steels, heat-treated and tempered to supply maximum **GET** strength and hardness.

# 1-800-HL TOOTH

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# Replace Your Cat Uniteeth

## H&L® Two-Part 136 Assembly and Unitooth Systems!

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**Fits all Caterpillar® Excavator and Backhoe Loaders models using bolt-on 138-6410 Unitooth.**



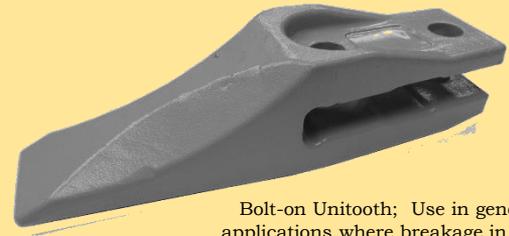
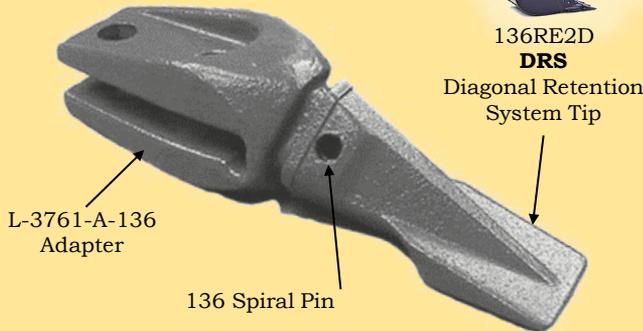
**Fits all Caterpillar® Excavator and Backhoe Loaders models using bolt-on 138-6410 Unitooth.**

### Fits Cat® Model:

Excavators 301.5, 301.6, 302.5 and 303.5

### Fits Cat® Model:

Excavators 301.5, 301.6, 302.5 and 303.5



Bolt-on Unitooth; Use in general applications where breakage is not a problem. No adapter required

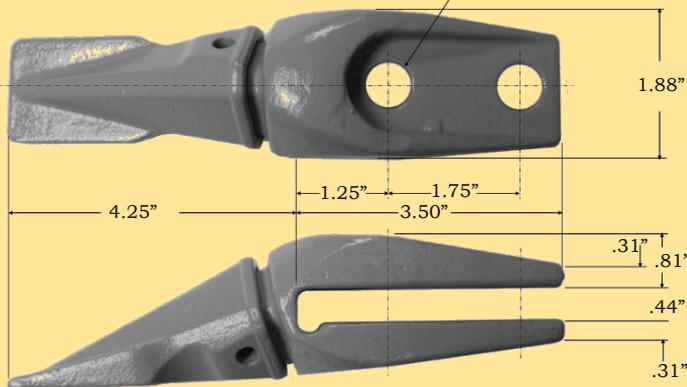
136 Series tips are "Value-Cast" reversible dual purpose designed for loaders or excavators

HL-138-6410 Uniteeth are "Value-Cast" and designed and hardness checked to meet or exceed OEM standards!

**REPLACEABLE TIPS AT A FRACTION OF THE COST OF A UNITOOTH!**

**Wrap Around "1A" style Unitooth**

.56" Dia. Thru, 2 Locations

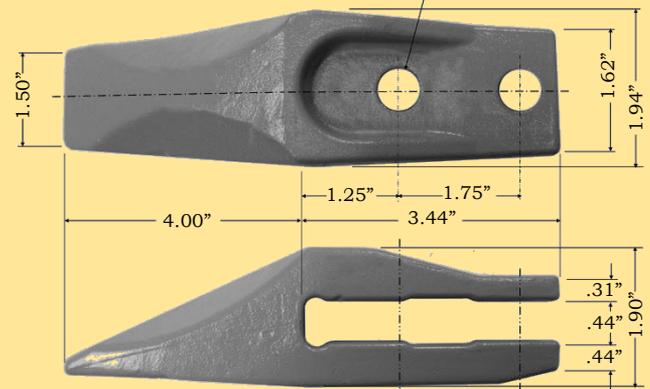


**136 Series  
Spiral Pin**

### L-3761-A-136RE2D ASSEMBLY

2.8# / 1.27 kgs

.56" Dia. Thru, 2 Locations



### 138-6410 UNITOOTH

2.3# / 1.04 kgs

H&L® Uniteeth are specifically designed for Caterpillar application and meets or exceeds OEM specifications. Uniteeth and adapters with replaceable teeth are excellent for assisting in loading hard dirt, gravel and sand; making it a perfect asset for your ground-engaging machine. Our heavy-duty Uniteeth are made from Chrom-Moly-Nickel grade steels, heat-treated and tempered to supply maximum **GET** strength and hardness.

# 1-800-HL TOOTH

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# Replace Your Cat Uniteeth

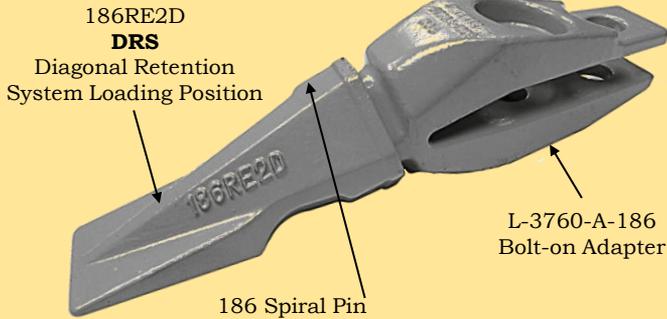
## H&L® Two-Part 186 Series Assembly!

©H&L Tooth Company 2026

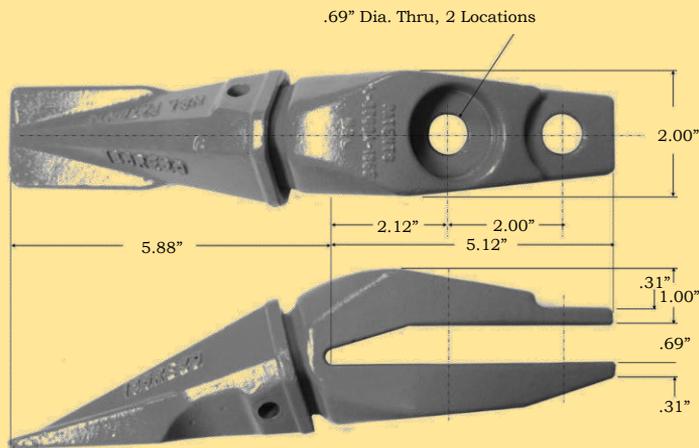
**Fits all Caterpillar® Excavator and Backhoe Loaders models using bolt-on 135-9390 Unitooth.**

### **Fits Cat® Model:**

Excavators 301.5, 301.6 and 301.8



186 Series replaceable tips are "Value-Cast" reversible dual purpose designed for loaders or excavators!



**186 Series  
Spiral Pin**

### **L-3760-A-186RE2D ASSEMBLY**

6.8#/3.08 kgs

**REPLACEABLE TIPS AT A FRACTION OF THE COST OF A UNITOOTH!**

**Fits all Caterpillar® Excavator and Backhoe Loaders models using bolt-on 135-9390 Unitooth.**

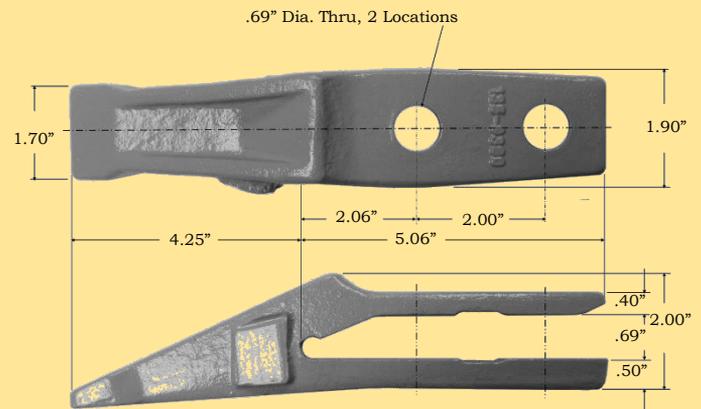
### **Fits Cat® Model:**

Excavators 301.5, 301.6 and 301.8

**Wrap Around  
"1A" style  
Uni-tooth**



HL-135-9390 Uniteeth are "Value-Cast" and designed and hardness checked to meet or exceed OEM standards!



### **135-9390 UNITOOTH**

4.0#/1.82 kgs

H&L® Uniteeth are specifically designed for Caterpillar application and meets or exceeds OEM specifications. Uniteeth and adapters with replaceable teeth are excellent for assisting in loading hard dirt, gravel and sand; making it a perfect asset for your ground-engaging machine. Our heavy-duty Uniteeth are made from Chrom-Moly-Nickel grade steels, heat-treated and tempered to supply maximum **GET** strength and hardness.

# 1-800-HL TOOTH

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# Replace Your 135-8203 Uniteeth

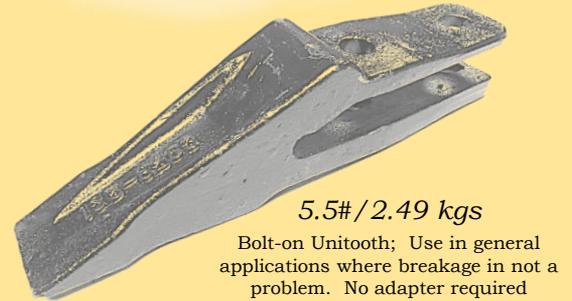
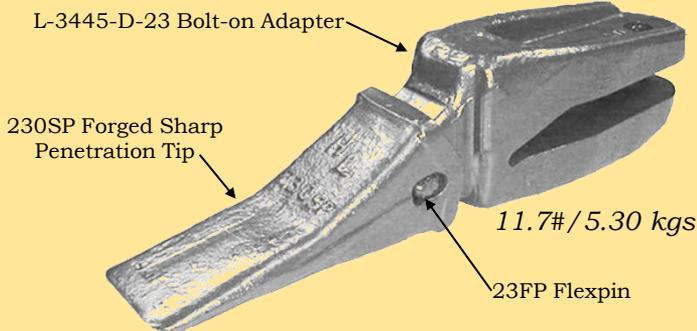
## H&L® Two-Part 230 Series Adapter System!

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**Fits all Caterpillar® Excavator and Backhoe Loaders models using bolt-on 135-8203 Unitooth.**

**Fits Cat® Model:**

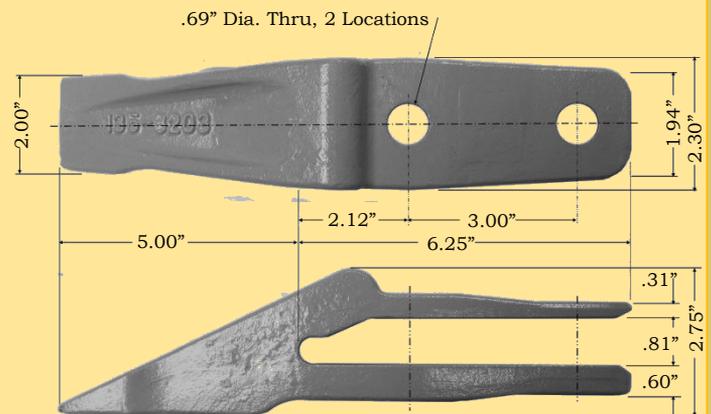
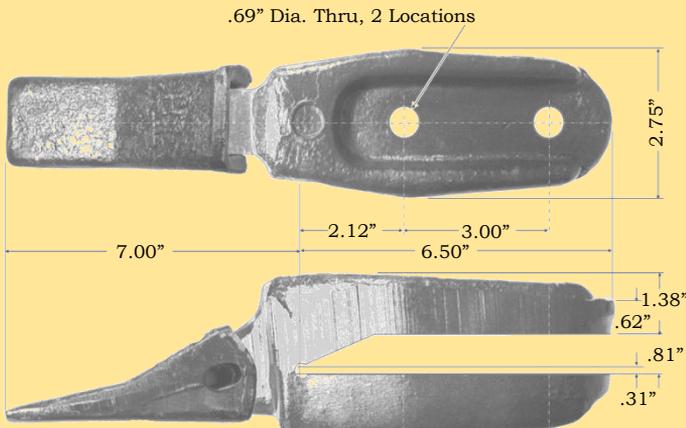
Excavators 304.5;  
Backhoe-Loader 416, 420, 422, 424, 426, 428, 430, 432, 434, 436, 438, 442 and 444!



**H&L® has the LARGEST 230 Series Backhoe Tooth offering in the World!**

Tips Forged in the USA, "Value-Cast", Lip Saving Teeth, Triple Tiger® Trident®, Stars, Fangs, Flared, Single and Twin Tigers

*H&L's HL-135-8203 re-engineered bolt-on Unitooth replacements. Wrap Around "1A" style Unitooth*



### L-3445-D-230SP ASSEMBLY

### HL-135-8203 UNITOOTH

#### 23 SERIES Flexpins®

**23FP**

"The Original" Flexpin®

**230DFP**

Longer Flexpin®

**23DLFP**

Dual Locking Flexpin®



H&L® Uniteeth are specifically designed for Caterpillar application and meets or exceeds OEM specifications. Uniteeth and adapters with replaceable teeth are excellent for assisting in loading hard dirt, gravel and sand; making it a perfect asset for your ground-engaging machine. Our heavy-duty Uniteeth are made from Chrom-Moly-Nickel grade steels, heat-treated and tempered to supply maximum **GET** strength and hardness.

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# H&L® GET Products... Notes

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Comments

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# H&L® GET Products... Notes

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Comments

## ***Other Product Catalogs***

*H&L® Original Style Products: Catalog #209.2026*

*H&L® Cobra Line Products: Catalog #211.2026*

*H&L® Hensley® Style Products: Catalog #212.2026*

*H&L® Bobcat®, Komatsu® and Other Style Products: Catalog #213.2026*

*H&L® Whisler Mining & Ripper Products: Catalog #214.2026*

*H&L® Original 230-Series Products: Catalog #215.2026*

*H&L® Raw Steel Billet Ends: Catalog #223.2026*

*H&L® Original Fabricated Tooth Products: Catalog #242.2026*

**1-800-HL TOOTH**

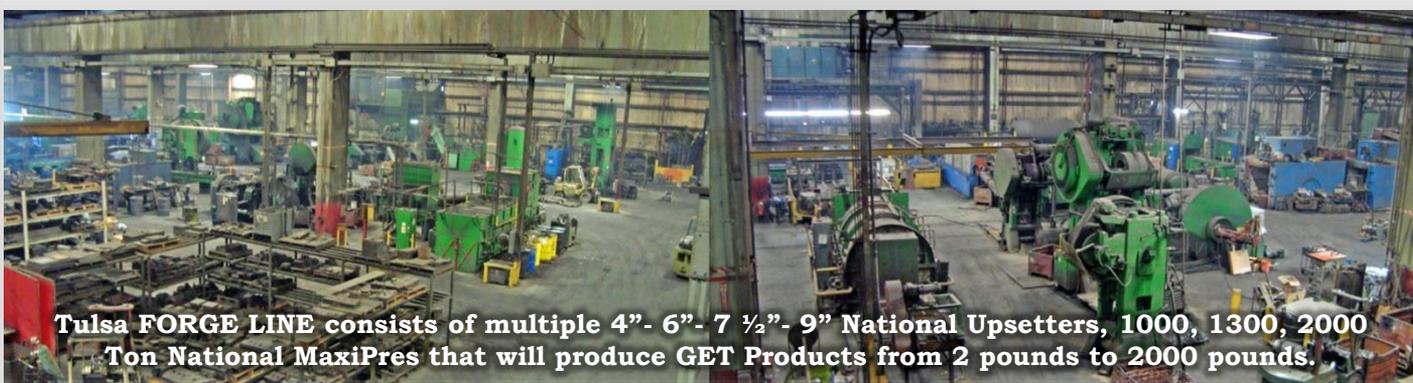
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# H&L® FACTORY WARRANTY!

*The H&L® Tooth Company warrants all H&L® Products against defects in material and workmanship.*

*Tulsa Oklahoma's 200,000 square foot manufacturing home includes forging, fabrication, and heat treating facilities, and serves as our central distribution complex.*



**Tulsa FORGE LINE consists of multiple 4"- 6"- 7 ½"- 9" National Upsetters, 1000, 1300, 2000 Ton National MaxiPres that will produce GET Products from 2 pounds to 2000 pounds.**



**Over two million GET parts in our Shipping Department in Tulsa, Oklahoma.  
H&L Tooth is an ISO 9001 CERTIFIED Company.**

## H&L® Tooth Company Quality Policy

H&L® Tooth commits to meeting or exceeding internal and external customer requirements in its manufacturing and processing of ground engaging tools. This will be achieved by continually improving the effectiveness of our quality system through the establishment and tracking of quality objectives, identifying opportunities for improvements, and teamwork among our employees, customers and vendors.

**1-800-HLTOOTH**

**[www.hltooth.com](http://www.hltooth.com)**