

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

www.hltooth.com



Tooth Company

Ground Engaging Tools

Wear Parts for:

•**Bobcat®** •**Daewoo®** •**Galion®** •**Hitachi®**
•**Komatsu®** •**Kubota®** •**Pengo®** and Others

#213.2024 Catalog
A ISO 9001 CERTIFIED Company
©H&L Tooth Company 2024

**Bobcat® Top
Flexpin®
Triple
Tiger®
Trident
Teeth**



**Kubota®
Style
Uniteeth**



**Pengo® & Jetco
Style Forged Teeth**



**Quality
GET since
1931**

**Komatsu®
Style
Ripper
Shanks**



**Bobcat®
Top
Flexpin®
Style
Adapters**



**Komatsu®
Style
Ripper
Repair
Nosepiece**



**Bobcat®
Top Pin
Style
Single
Tiger**



**Hitachi®
Style
Uniteeth**



**Komatsu®
Style
Pin and
Ring**



**"VP" Style
Corner
Adapters
for
Komatsu®**



**Galion® Slip-on
Style
Products**



**H&L® "VP"
Replacement
for Komatsu
Machines**



**Bobcat®
156 and
Flexpin®
Style
Triple
Tiger® Tridents®**



1-800-HL TOOTH

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

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



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

1-800-HL TOOTH (1-800-458-6684) • Visit us at www.hltooth.com

©H&L Tooth Company 2024

Page

product index

3

Bobcat® top **Flexpin®** style teeth and adapters including Tooth Kits. **Original H&L® Crimp-On 2A & 3C** teeth and Adapters with Bobcat® part numbers.

4

Bobcat® 156 Parabolic® Series teeth, adapters and Spiral Pins. **Original H&L® Side Flexpin® 230** Series teeth and adapters with Bobcat® numbers.

5

Daewoo® #27131212 replaceable **bolt-on Uni-tooth** with measurements.
Hitachi® #3056107 replaceable Uni-teeth. Other **Hitachi®** tooth & pin numbers.

6

JCB® #53103205 replaceable **bolt-on Uni-tooth** with measurements.
Komatsu® #10E-70-22211 replaceable **bolt-on Uni-tooth** with measurements.

7

Komatsu® #20T-70-13130 replaceable **bolt-on Uni-tooth** with measurements.
Kubota® #68131-66912 replaceable **bolt-on Uni-tooth** with measurements.

8

Galion® Slide-On Series Tooth #31281-C and Scarifier.
Komatsu® Uniforged® Ripper Series KR1, KR2, KR2A and KR3 style teeth.

9

Komatsu® compression ring style pins. **Komatsu®** forged single piece and welded **Ripper Shanks** with model number association and measurements.

10

Komatsu® conversion and repair Quarter Shank nosepieces.
Komatsu® Wear Protectors and attaching compression ring pins.

11-14

VP Style Komatsu® Replacement adapters and teeth for Wheel and Crawler Loaders using H&L “VP” Series 195, 205, 315, 325 and 335-Series.

15

Liugong® Style Ripper replacement teeth, manufactured in Tulsa, Oklahoma USA!.

16-19

Pengo® Replacement pockets & teeth for **CF-7, CF-9, CF-10** series trencher tap-on assemblies, including **CF-35, CF-16R55, CF-1650, CF-1851 & CF-5-1114**.

Komatsu® loader and excavator **REPLACEMENTS**, please see additional H&L® Original catalog #209.2018, pages 21 and 22 under “VP” Vertical Pinned Teeth, Adapters and Flexpins® Section.



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Bobcat® Style Products by H&L® Tooth Company

©H&L Tooth Company 2024

H&L® Top Flexpin® Tooth and Adapter System

7107319

1.7#



H&L No.
HL-7107319
Short
Tooth

6737325

2.0#



H&L No.
HL-6737325
Sharp
Penetration

7107320

2.4#



H&L No.
HL-6737325T
Single
Tiger

7107321

3.0#



H&L No.
HL-6737325WT
Twin
Tiger

6737325TR3

3.4#



H&L No.
HL-6737325TR3
Triple
Tiger

PATENT
WORLD
WIDE

7102097

4.2#

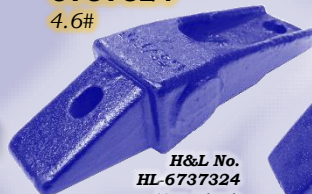


H&L No.
HL-7102097
Flared
Tooth

BOBCAT®
"Top Pin"
ADAPTERS

6737324

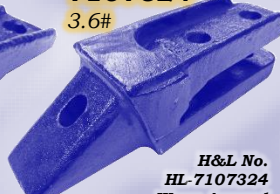
4.6#



H&L No.
HL-6737324
Top Flush
Mounted Adapter

7107324

3.6#



H&L No.
HL-7107324
Wrap Around
Style Adapter

6737326

0.3#



H&L No.
HL-6737326
Flexpin®

NEW
for
2024

6737325F

2.5#



H&L No.
HL-6737325F
Flared Tooth

H&L® offers Bobcat® TOP PINNED Flexpin® TOOTH KITS!

Cobra Line top pinned Flexpin® Series teeth are interchangeable with Bobcat® OEM.

KITHL-6737325 20.5#



Consists of 5-HL-6737325
and 5-HL-6737326 Flexpins.

KITHL-6737325T 20.5#



Consists of 5-HL-6737325T
and 5-HL-6737326 Flexpins.

KITHL-6737325WT 20.5#



Consists of 5-HL-6737325WT
and 5-HL-6737326 Flexpins.

KITHL-7107319 20.5#



Consists of 5-HL-7107319
and 5-HL-6737326 Flexpins.

H&L® ORIGINAL "Crimp-On" Teeth and Adapters

Bobcat® OEM Part Numbers for Original H&L® Parts



H&L®
2A
SERIES

6682026

0.9#



H&L No.
2AH
Heavy Tooth

6560375

2.0#



H&L No.
D-835-2A
Bottom Mount Adapter

H&L®
3C
SERIES

6656388

1.9#



H&L No.
3CHLR
Long Rock

D-834-3C

3.0#



H&L®
Original
Bottom
Mount Adapter

1-800-HL TOOTH

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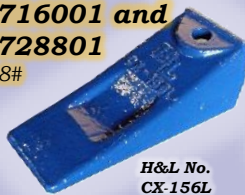
Cobra Line Bobcat® Teeth, Adapters and Pin Products

©H&L Tooth Company 2024

“Parabolic®” Bobcat® style Tooth and Adapter System!

Cobra Line top pinned Spiral Pin Series teeth are interchangeable with all 156 OEM!

**6716001 and
6728801**
1.8#



H&L No.
CX-156L
Long Tooth

6672351
3.0#



H&L No.
CX-156LP
Long Paneled

6671147
2.8#



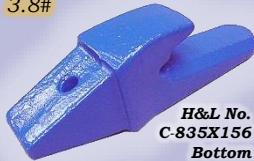
H&L No.
CX-156T
Single Tiger

6671148
3.5#



H&L No.
CX-156WT
Twin Tiger

X835-156
3.8#



H&L No.
C-835X156
Bottom
Mount Adapter

X550-156
4.8#



H&L No.
C-550X156
Wrap Around
Style Adapter

6671145
0.3#



H&L No.
C-156LPN
Coil Pin

6737324-156
5.4#



H&L No.
HL-6737324-156
Top Flush Mount Adapter

7107324-156
4.3#



H&L No.
HL-7107324-156
Wrap Around Adapter



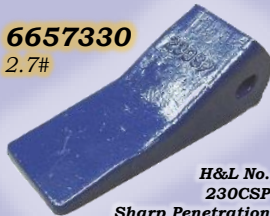
For H&L's Complete
156-Series Line-Up see
#212.2023 catalog.

**COBRA
X-156
SERIES**

“H&L® Flexpin®” ORIGINAL Side Pin Tooth System!

Bobcat® side Flexpin® Series teeth are copies of H&L® 230 Series, manufactured since 1956!

6657330
2.7#



H&L No.
230CSP
Sharp Penetration

6657328
3.1#



H&L No.
230THD
Single Tiger

6657329
3.9#



H&L No.
230TW
Twin Tiger

D-834-23
3.8#



Bobcat
Bottom
Mount Adapter

6518120
4.0#



H&L No.
2740-ZW-23
Wrap Around
Style Adapter

6737324-23
5.1#



H&L No.
HL-6737324-23
Top Flush Mount Adapter

6567620
0.3#



H&L No.
23FP
Flexpin®



For a Complete
230-Series Line-Up see
#209.2023 catalog.

**H&L®
230
SERIES**

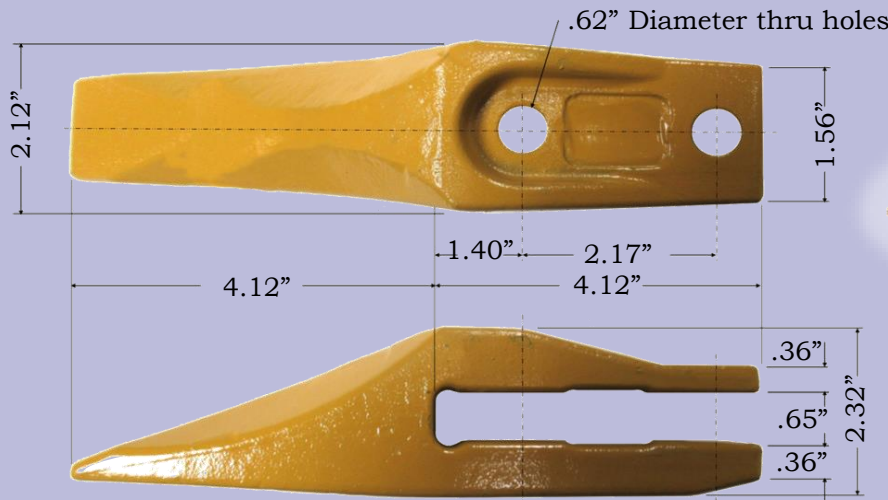
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Uni-teeth Adapters by H&L® Tooth Company!

©H&L Tooth Company 2024

Daewoo® 27131212 style Bolt-on Uni-tooth



3.3#/1.50 kgs



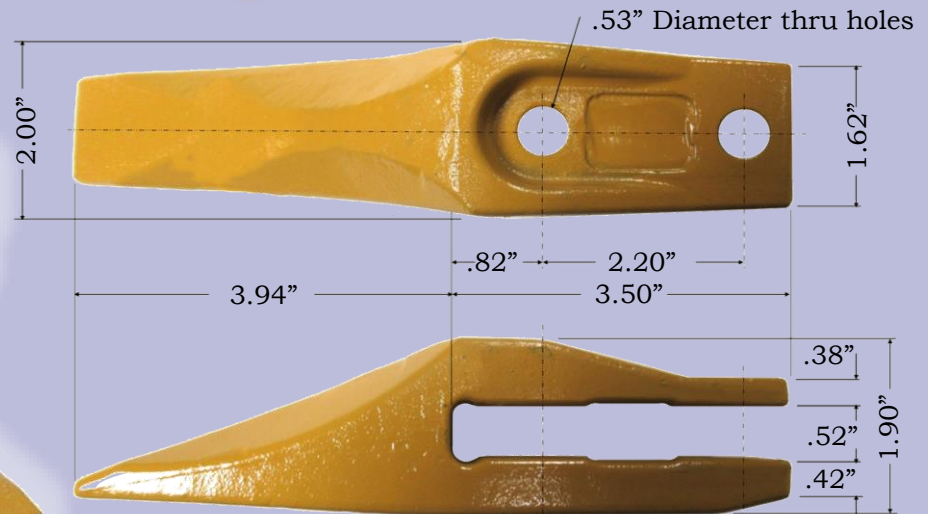
H&L®
Cobra No.
CD-27131212
Uni-tooth



Hitachi® 3056107 style Bolt-on Uni-tooth



H&L®
Cobra No.
CH-3056107
Uni-tooth



3.2#/1.45 kgs

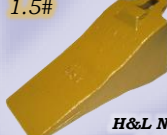
Other Hitachi® Tooth & Pin Numbers

4080730
2.4#



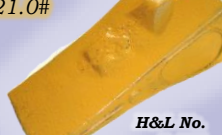
H&L No.
C-18TL
Esco Tooth

4135496
1.5#



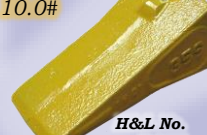
H&L No.
C-22S
Esco Tooth

4153603
21.0#



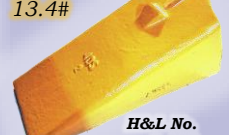
H&L No.
C-45S
Esco Tooth

4501626
10.0#



H&L No.
C-35S
Esco Tooth

4512365
13.4#



H&L No.
C-40S
Esco Tooth

4080731 Pin
4080732 Insert



H&L No.
C-18-20PN
C-18-20LK

4135497 Pin
4135498 Insert



H&L No.
C-22PN
C-22LK

Z968489 Pin
Z968490 Insert



H&L No.
C-45PN
C-45LK

4501627 Pin
4501625 Insert



H&L No.
C-35PN
C-35-40LK

4512366 Pin
4501625 Insert



H&L No.
C-40PN
C-35-40LK

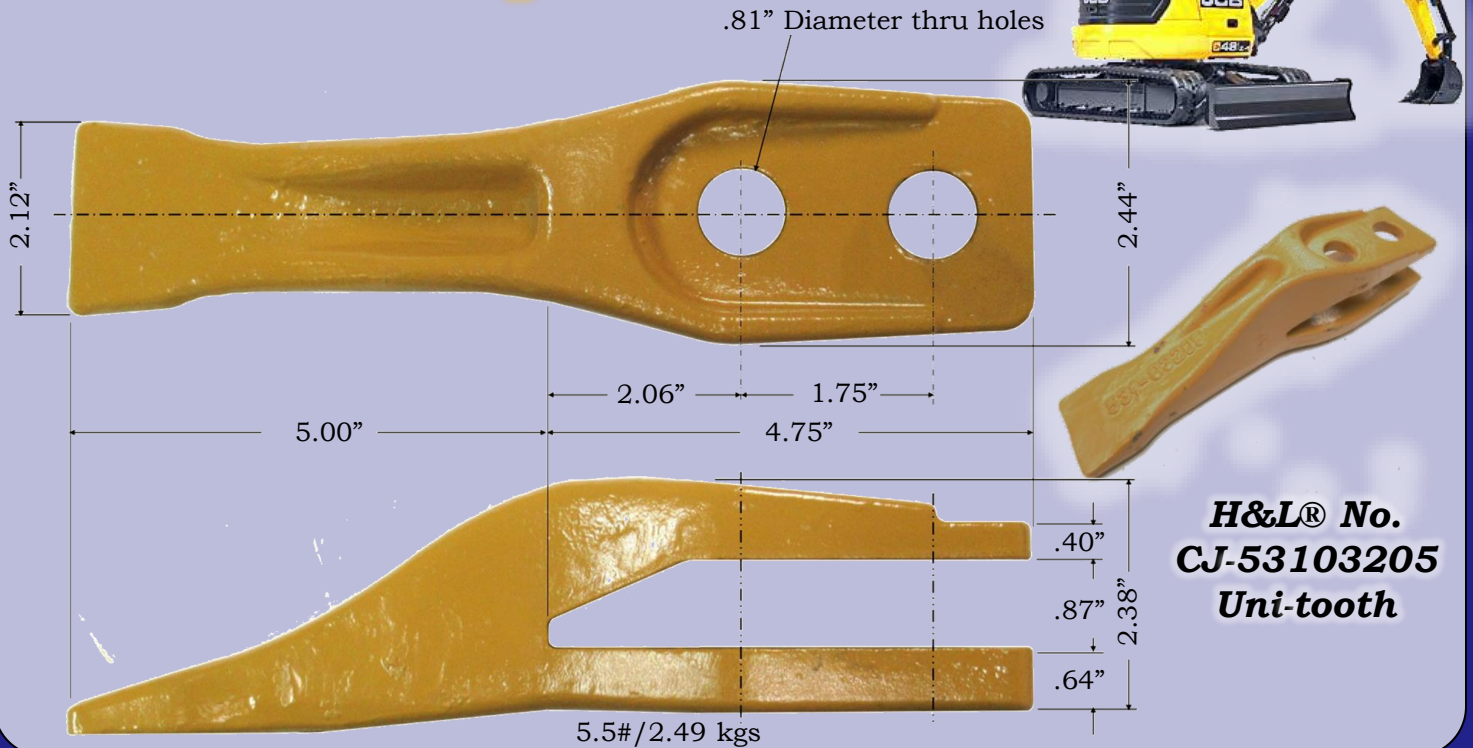
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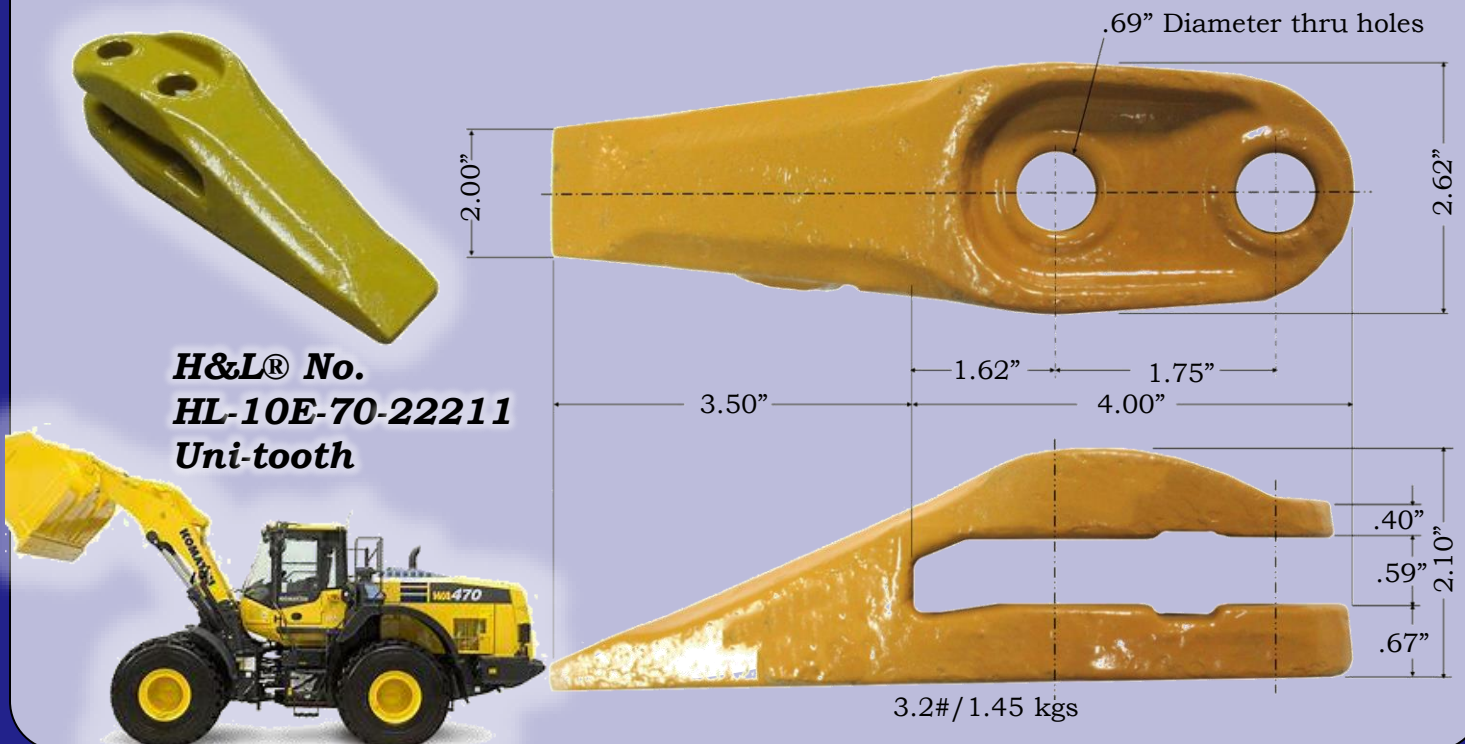
Uni-teeth Adapters by H&L® Tooth Company!

©H&L Tooth Company 2024

“JCB” 53103205 style Bolt-on Uni-tooth



Komatsu® 10E-70-22211 style Bolt-on Uni-tooth



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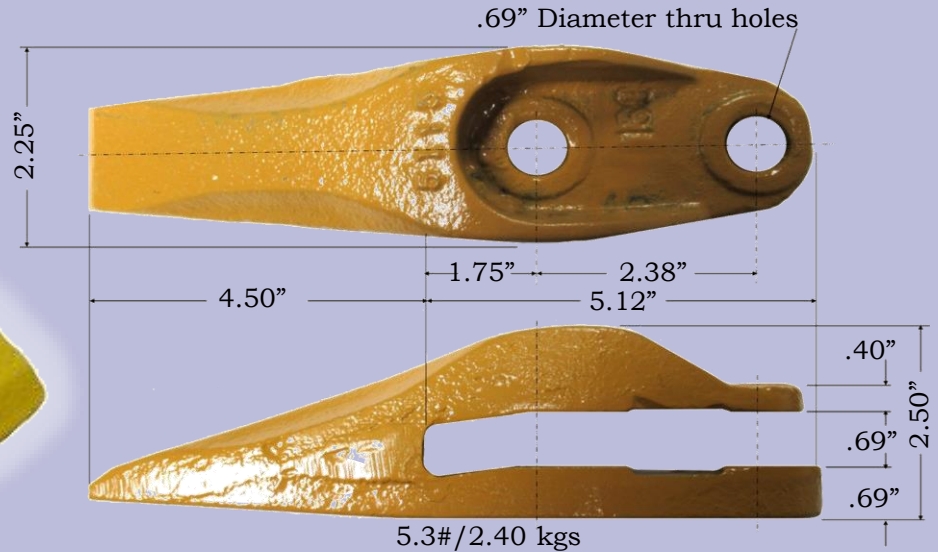
Uni-teeth Adapters by H&L® Tooth Company!

©H&L Tooth Company 2024

Komatsu® 20T-70-13130 style Bolt-on Uni-tooth



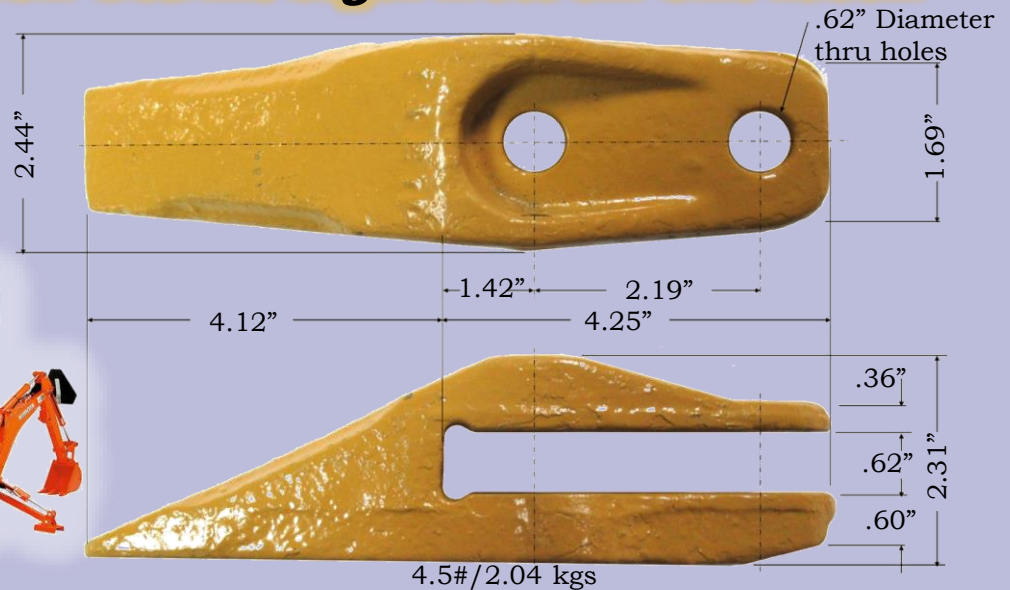
H&L® No.
HL-20T-70-22211
Uni-tooth



Kubota® 68131-66912 style Bolt-on Uni-tooth



H&L® No.
CK-68131-66912
Uni-tooth



Kubota® Side Flexpin® Products

Kubota #	H&L Tooth #
70050-93014	1 3/4SP
70090-33080	230CST
70090-33096	D-834-23
70090-33101	230CSP
70090-33103	230CF
70090-33104	230THD
70090-33105	230TW
70090-33107	23FP
70090-33110	230SP
70090-33111	2740-W-23



Top Spiral Pin Kubota® Style Products

Kubota #	H&L Tooth #
70090-20853	C-550X156
70090-32082	C-230X156
70090-32083	CX-156S
70090-32086	CX-156L
70090-32087	CX-156F
70090-32089	CX-156T
70090-32090	CX-156WT
70090-32091	CX-156LP
70090-33108	C-156LPN



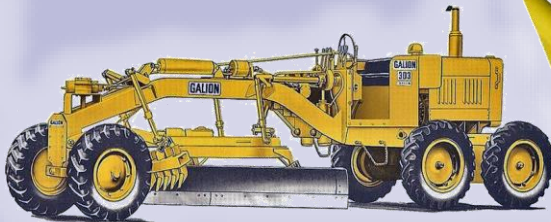
®Is a registered trademark of the respectively named Company.

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Galion® style Teeth and Scarifier System

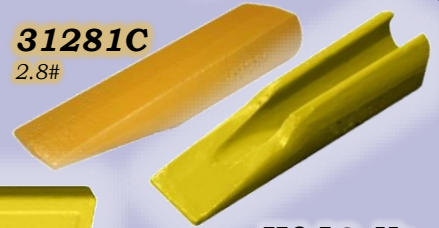
©H&L Tooth Company 2024

**NOT INTERCHANGEABLE WITH
CATERPILLAR 6Y-5230**



**H&L®
No. C-31280-D
18.25" in length**

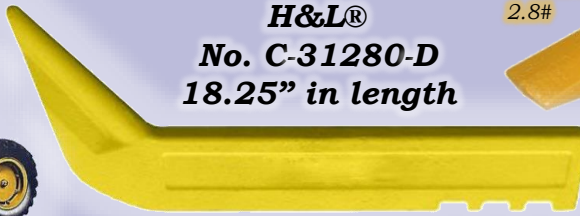
**31281C
2.8#**



**H&L® No.
C-31281-C
use with C-31280-D
Scarifier Shank**

Tooth and Scarifier!

**31280D
13.5#**



Komatsu® Style Forged Ripper Tooth Products

175-78-31230

33.0#
Models D80, D85E
and D90S

**KR1
SERIES**

**FORGED
IN THE
USA**



**H&L No.
HL-175-78-31230
Long Tooth**

195-78-21331

44.8#
Model D275
and D355

**KR2
SERIES**

**FORGED
IN THE
USA**



**H&L No.
HL-195-78-21331
Short Tooth**

195-78-71320

53.8#
Model D375

**KR2A
SERIES**

**FORGED
IN THE
USA**



**H&L No.
HL-198-78-71320ST
Star Tooth**



Manufactured in Tulsa Oklahoma!

198-79-11230

50.0#
Model D455
and D475

**KR3
SERIES**

**FORGED
IN THE
USA**



**H&L No.
HL-198-79-11230
Short Tooth**

198-79-11551

56.0#
Model D455

**FORGED
IN THE
USA**

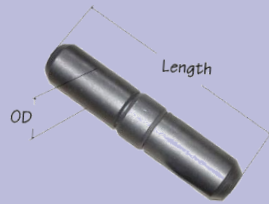


**H&L No.
HL-198-79-11550
Short Tooth**

H&L® ripper teeth are produced on a 7 1/2" up-setter, creating teeth up to 100 pounds in size. Larger ripper and mining teeth are produced on two 9" up-setters and produce parts in excess of two-hundred pounds in many styles.

Komatsu® Style Ripper Pin Attachment Hardware

**Compression
Ring Hardware
for Komatsu®
KR-Series Ripper
Teeth**



Series	Part Number	OD	Length	Other #
KR1 & KR2	HL-175-78-21740	0.970"	4.25"	175-78-21810
KR2	HL-195-78-71360	1.175"	4.38"	
KR2A	HL-198-79-11320	1.175"	5.38"	
KR3	HL-092-44-03036	1.175"	5.88"	

Komatsu® Style Ripper Shanks

Ripper Shanks by length

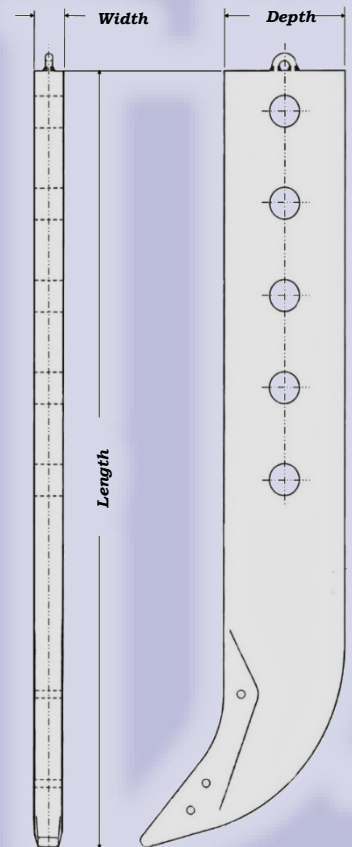
Model	Part Number	Weight	Width	Depth	Length	Holes	Teeth
DRT031	HL-113-78-21130	35.0#	1.56"	4.50"	20.19"	1	
D85-1B, D85-21, D90S	HL-154-78-14344	384.0#	3.00"	9.00"	50.88"	2	KR1
D135, D150, D155	HL-175-78-21613	605.0#	3.00"	12.00"	63.88"	2	KR1
D155	HL-175-78-21614	598.0#	3.00"	12.88"	64.88"	2	KR1
D275, D355	HL-195-78-41191	700.0#	3.50"	14.25"	72.00"	2	KR2
D355A-2, D455A-1	HL-195-78-41190	700.0#	3.50"	14.00"	72.69"	2	KR2
D-375-2, D375A-5	HL-195-78-71310	930.0#	3.50"	14.18"	74.25"	2	KR2A
D375-1, D375A-5	HL-195-78-71120	930.0#	3.50"	14.18"	74.25"	2	KR2
D355A-2	HL-175-79-32130	962.0#	3.50"	14.00"	79.00"	4	KR2
D455A-1	HL-198-78-11240	1340.0#	3.75"	15.75"	84.50"	2	KR3
D275A-2, 355A-3, D455	HL-195-79-31140	1350.0#	3.75"	15.75"	86.38"	4	KR2
D375A-3A	HL-195-79-51151	1400.0#	3.75"	15.75"	87.50"	3	KR2A
D455A-1, D475	HL-198-79-11630	1950.0#	4.38"	18.25"	111.25"	5	KR3



*Komatsu® style Ripper Shanks are not a stocking item, call
Customer Service to check availability.*

H&L® Rippers are manufactured in Tulsa Oklahoma!

LARGE STYLE RIPPER SHANKS



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

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REPAIR AND CONVERSION STYLE RIPPER NOSEPIECES

©H&L Tooth Company 2024



KR1 SERIES

HLW-J-1003

168.0#
All KR1 Ripper Tooth Series



Uses Komatsu
175-78-21320
Protector
175-78-21740
Pins with
compression
ring

KR1 SERIES

HLW-J-1004

180.0#
All KR1 Ripper Tooth Series



Uses Komatsu
175-78-21320
Protector
175-78-21740
Pins with
compression
ring

Komatsu® style Ripper Nosepieces are not a stocking item, call Customer Service to check availability.

“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.”

KR2 SERIES

HL-195-78-14350

205.0#
All KR2 Ripper Tooth Series



Uses Komatsu
175-78-21320
Protector
175-78-21740
Pins with
compression
ring

KR3 SERIES

HL-198-79-11620

337.0#
All KR3 Ripper Tooth Series



Uses Komatsu
198-79-11220
Protector
198-79-11320
Pins with
compression
ring

Komatsu® Ripper Wear Protectors



HL-195-78-21320

31.5#
Wear Protectors

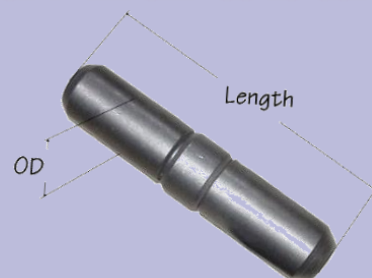
HL-195-78-21580

47.0#
Wear Protectors

HL-198-79-11220

42.0#
Wear Protectors

Ripper Protector Pin Hardware



Series	Part Number	OD	Length
KR1 & KR2	HL-175-78-21740	0.970"	4.25"
KR3	HL-198-79-11320	1.175"	5.38"

Compression Ring Hardware for Komatsu® KR-Series Ripper Protectors

®Is a registered trademark of the respectively named Company.

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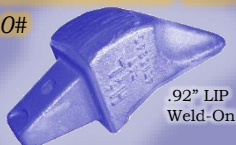
H&L® Style “VP” Vertical Pinned Adapter Products

©H&L Tooth Company 2024

Komatsu® Wheel Loaders WA-100, WA-150, WA-200, WA-300, WA-350 Weld-on Adapters

L-6001-BW-195

19.0#



.92" LIP
Weld-On

Komatsu® Models:

WA100, WA150, WA200, WA300, WA350

L-6001-BW-205

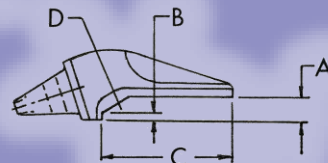
19.0#



.92" LIP
Weld-On

Komatsu® Models:

WA100, WA150, WA200, WA300, WA350



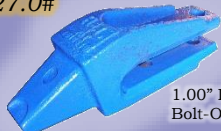
Part Number	A	B	C	D	WT.	Flexpin®
L-6001-BW-195	0.92"	0.00"	8.88"	23°	19.0#	195FP
L-6001-BW-205	0.92"	0.00"	8.88"	23°	19.0#	205FP



Komatsu® Wheel and Crawler Loaders WA-180, WA-200, D41S Bolt-on Adapters

L-6032-A-195

27.0#



1.00" LIP
Bolt-On

Komatsu® Models:

WA180, WA200, D41S

L-6032-A-205

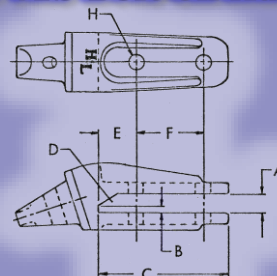
27.0#



1.00" LIP
Bolt-On

Komatsu® Models:

WA180, WA200, D41S

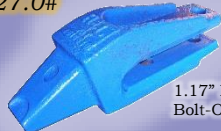


Part Number	A	B	C	D	E	F	H	WT.	Flexpin®
L-6032-A-195	1.06"	0.53"	9.62"	23°	2.59"	4.69"	1.06"	27.0#	195FP
L-6032-A-205	1.06"	0.53"	9.62"	23°	2.59"	4.69"	1.06"	27.0#	205FP

Komatsu® Wheel and Crawler Loaders WA-250, WA-260, WA-300, WA-320, D53S, D57-1 Bolt-on Adapters

L-6003-A-205

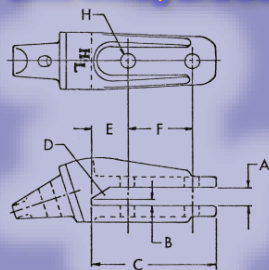
27.0#



1.17" LIP
Bolt-On

Komatsu® Models:

WA250, WA260, WA300, WA320, D53S, D57-1



L-6003-DA and EA-205

26.0#



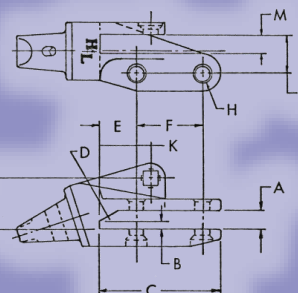
1.17" LIP
Bolt-On

Limited
Quantity

Right and Left Corners

Komatsu® Models:

WA250, WA260, WA300, WA320, D53S, D57-1



Part Number	A	B	C	D	E	F	H	J	K	L	M	WT.	Flexpin®
L-6003-A-195	1.17"	0.53"	9.62"	23°	2.59"	4.69"	0.94"					27.0#	195FP
L-6003-A-205	1.17"	0.53"	9.62"	23°	2.59"	4.69"	0.94"					27.0#	205FP
L-6003-DA-205	1.17"	0.53"	5.50"	23°	2.59"	0.00"	0.94"					26.0#	205FP
L-6003-EA-205	1.17"	0.53"	5.50"	23°	2.59"	0.00"	0.94"					26.0#	205FP

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

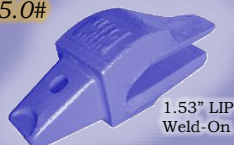
H&L® Style “VP” Vertical Pinned Adapter Products

©H&L Tooth Company 2024

Komatsu® Wheel and Crawler Loaders WA-280 , WA-350, D75S, D75S-3, D75S-4 Weld-on Adapters

L-6006-AW-205

25.0#

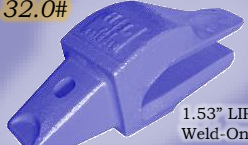


1.53" LIP
Weld-On

Komatsu® Models:
WA280, WA350, WA35-IM,
D75S, D75S-3, D75S-4

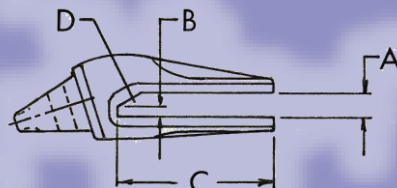
L-6006-AW-315

32.0#



1.53" LIP
Weld-On

Komatsu® Models:
WA280, WA350, WA35-IM,
D75S, D75S-3, D75S-4



Part Number	A	B	C	D	WT.	Flexpin®
L-6006-AW-205	1.53"	0.75"	9.93"	29°	25.0#	195FP
L-6006-AW-315	1.53"	0.75"	9.93"	29°	32.0#	205FP

Komatsu® Wheel and Crawler Loaders WA-280 , WA-350, WA-400, WA-420 , WA-450, WA-470, D-65S, D75S , D75S-3 Bolt-on Adapters

L-6006-A-205

42.0#



1.53" LIP
Bolt-On

Komatsu® Models:
WA280, WA350, WA35-IM,
D75S, D75S-3, D75S-4

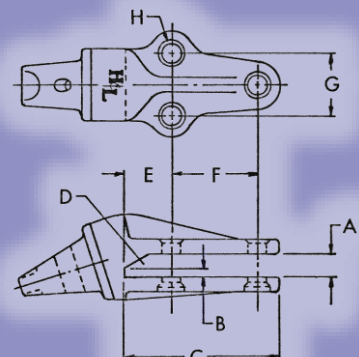
L-6006-315

50.0#



1.53" LIP
Bolt-On

Komatsu® Models:
WA280, WA350, WA35-IM,
D75S, D75S-3, D75S-4



L-6006-DA and EA-315

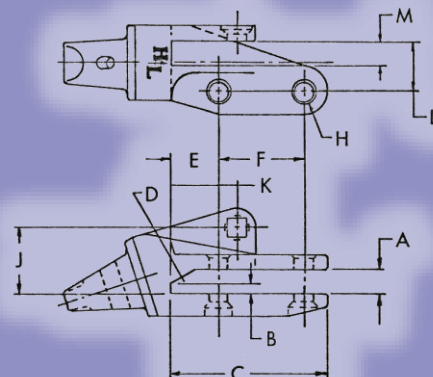
43.0#



1.53" LIP
Bolt-On
**Limited
Quantity**

Right and Left Corners

Komatsu® Models:
WA250, WA260, WA300, WA320, D53S, D57-1



Part Number	A	B	C	D	E	F	G	H	J	K	L	M	WT.	Flexpin®
L-6006-A-205	1.53"	0.75"	8.81"	23°	2.83"	4.93"	3.14"	0.94"					42.0#	195FP
L-6006-A-315	1.53"	0.75"	8.81"	23°	2.83"	4.93"	3.14"	0.94"					50.0#	205FP
L-6006-DA-315	1.53"	0.75"	8.81"	23°	2.83"	4.93"		0.94"	4.50"	4.75"	3.12"	1.62"	43.0#	205FP
L-6006-EA-315	1.53"	0.75"	8.81"	23°	2.83"	4.93"		0.94"	4.50"	4.75"	3.12"	1.62"	43.0#	205FP

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

H&L® Style "VP" Vertical Pinned Teeth and Flexpins®



"VP" Series
Tooth System
since 1980

The VP system features a double locking vertical Flexpin® Tooth-to-Adapter connection. This patented system used on large mining Rope Shovels is now available for Komatsu® loaders and excavators.



195 "VP" Series

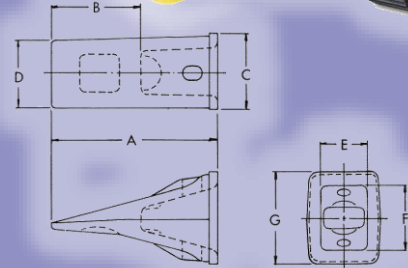
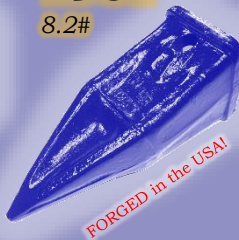
195SP

7.4#



195T

8.2#



Series	Part Number	A	B	C	D	E	F	G	WT.	Flexpin®
Sharp Penetration	195SP	7.00"	3.84"	3.12"	2.75"	2.02"	2.62"	3.81"	7.4#	195FP
Single Tiger	195T	8.38"	5.26"	3.12"	0.18"	2.02"	2.62"	3.81"	8.2#	195FP

205 "VP" Series

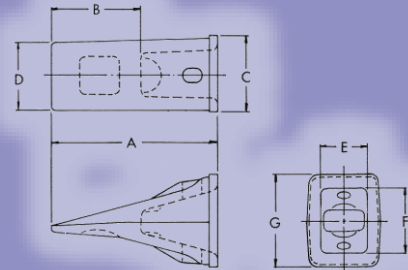
205SP

9.5#



205L

10.5#



Series	Part Number	A	B	C	D	E	F	G	WT.	Flexpin®
Sharp Penetration	205SP	7.85"	4.34"	3.50"	3.06"	2.50"	2.80"	4.00"	9.5#	205FP
Long Penetration	205L	8.88"	5.34"	3.50"	3.06"	2.50"	2.80"	4.00"	10.5#	205FP

315 "VP" Series

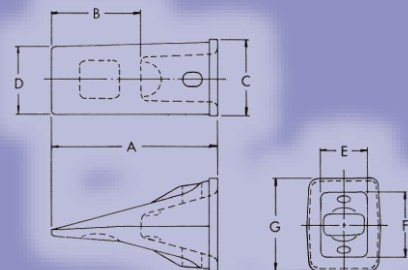
315SP

14.0#



315L

15.1#



Series	Part Number	A	B	C	D	E	F	G	WT.	Flexpin®
Sharp Penetration	315SP	9.00"	4.90"	4.00"	3.62"	2.91"	3.30"	4.44"	14.0#	315FP
Long Penetration	315L	10.00"	5.90"	4.00"	3.62"	2.91"	3.30"	4.44"	15.1#	315FP

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H&L® Style “VP” Vertical Pinned Teeth and Flexpins®

©H&L Tooth Company 2024

325 “VP” Series

325SP

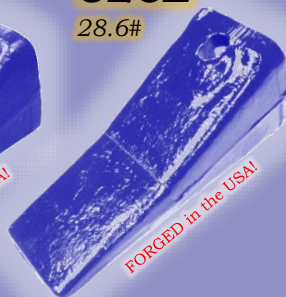
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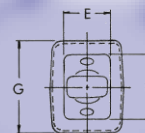
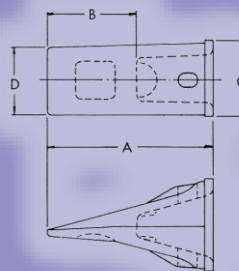
FORGED in the USA!

325L

28.6#



FORGED in the USA!



Series	Part Number	A	B	C	D	E	F	G	WT.	Flexpin®
Sharp Penetration	325SP	10.25"	5.65"	5.12"	4.50"	3.75"	3.94"	5.25"	25.0#	325FP
Long Penetration	325L	11.50"	6.65"	5.12"	4.50"	3.75"	3.94"	5.25"	26.0#	325FP

335 “VP” Series

335SP

35.0#



FORGED in the USA!

335A

56.2#



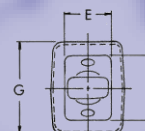
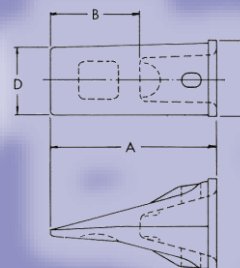
FORGED in the USA!

335TT

38.0#

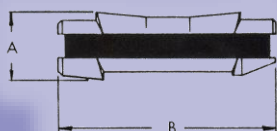


FORGED in the USA!



Series	Part Number	A	B	C	D	E	F	G	WT.	Flexpin®
Sharp Penetration	335SP	11.00"	5.52"	6.12"	5.50"	4.50"	4.25"	5.69"	35.0#	335FP
Abrasion	335A	13.00"	7.52"	6.12"	5.50"	4.50"	4.25"	5.69"	56.2#	335FP
Twin Tiger	335TT	13.19"	7.52"	6.12"	5.50"	4.50"	4.25"	5.69"	38.0#	335FP

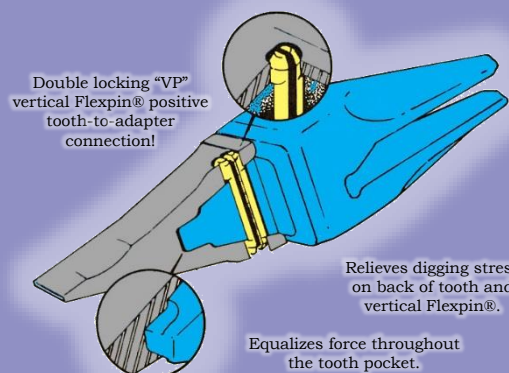
“VP” Series Flexpins®



Part Number	A	B	C
195FP	1.02"	3.38"	0.56"
205FP	1.08"	3.88"	0.54"
315FP	1.33"	4.12"	0.75"
325FP	1.40"	4.88"	0.84"
335FP	1.50"	5.40"	0.90"



Easy removal and installation, less replacement time resulting in shorter down time.



Double locking “VP” vertical Flexpin® positive tooth-to-adaptor connection!

Relieves digging stress on back of tooth and vertical Flexpin®.

Equalizes force throughout the tooth pocket.

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Liugong Style Ripper Teeth

©H&L Tooth Company 2024

778301202

Forged Tooth for
Model #TD22
15.0#



**FORGED
IN THE
USA**

563201201

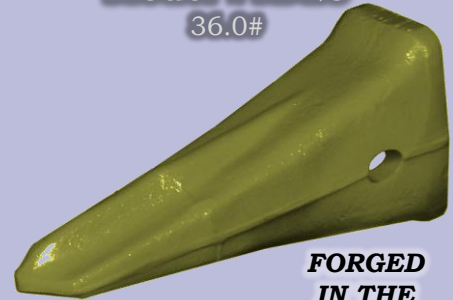
Forged Tooth for
Model #TD20
20.0#



**FORGED
IN THE
USA**

571491007

Forged Tooth for
Model #TD25
36.0#



**FORGED
IN THE
USA**

Manufactured in Tulsa Oklahoma!

H&L® ripper teeth are produced on a 7 ½" up-setter, creating teeth up to 100 pounds in size. Larger ripper and mining teeth are produced on two 9" up-setters and produce parts in excess of two-hundred pounds in many styles.

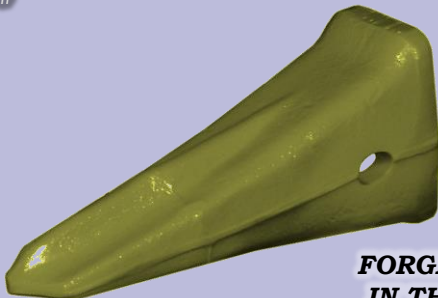


Manufactured in Tulsa, Oklahoma USA!



382481102

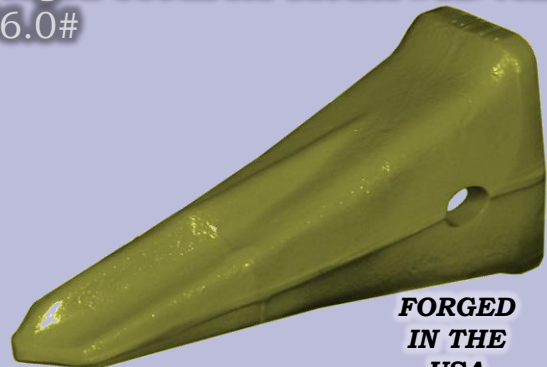
Forged Tooth for Model #TD24
36.0#



**FORGED
IN THE
USA**

586221016

Forged Tooth for Model #TD40B
56.0#



**FORGED
IN THE
USA**

Pengo® Style Replaceable Pockets and Teeth

©H&L Tooth Company 2024

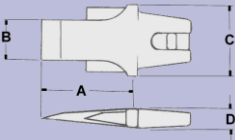
Produced by H&L since 1970!

Forged Cobra CF-7 Series Replacement Teeth

CF-7A

Forged Tooth
1.0#

Replaces
Pengo®
170006 60
170020 70



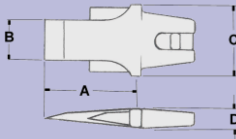
Tooth Dimensions Style 1

P//	Pocket #	Style	A	B	C	D	Pengo #
CF-7A	C-2	1	2.62"	1.50"	2.50"	.53"	

CF-7B

Forged Tooth
1.0#

Replaces
Pengo®
170006 60
170020 70



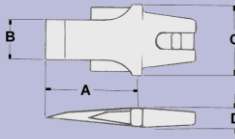
Tooth Dimensions Style 1

H&L #	Pocket #	Style	A	B	C	D	Pengo #
CF-7B	C-2	1	2.62"	1.50"	2.50"	.53"	70

CF-7C

Forged Tooth
1.1#

Replaces
Pengo®
170006 60
170020 70



Tooth Dimensions Style 1

H&L #	Pocket #	Style	A	B	C	D	Pengo #
CF-7C	C-2	1	2.25"	2.50"	2.50"	.48"	60

C-2

Pocket
1.5#

Replaces
Pengo WO-1
Pocket
Holders



7 Series Weld-on Pockets

Quality and Performance, you've come
to expect from H&L for 90 Years!

Spread the plastic clip over the rear of the
tooth. The clip will self locate on the square
cavity of the tooth.



C-7-1 Plastic Clips

Quality and Performance, you've come to expect from H&L for 90 Years!

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Pengo® Style Replaceable Pockets and Teeth

©H&L Tooth Company 2024

Produced by H&L since 1970!

Forged Cobra CF-9 Series Replacement Teeth

CF-9A

Forged Tooth
2.2#

Replaces

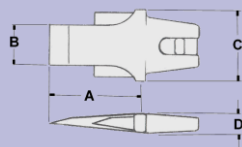
Pengo®

134855 90P

170003 80C

170008 80

170015 95P



Tooth Dimensions Style 1

H&L #	Pocket #	Style	A	B	C	D	Pengo #
CF-9A	C-4	1	3.75"	1.69"	3.00"	.81"	90P

CF-9B

Forged Tooth
1.9#

Replaces

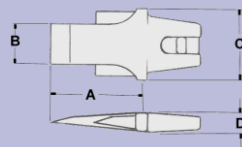
Pengo®

134855 90P

170003 80C

170008 80

170015 95P



Tooth Dimensions Style 1

H&L #	Pocket #	Style	A	B	C	D	Pengo #
CF-9B	C-4	1	3.75"	1.69"	2.56"	.81"	95P

CF-9C

Forged Tooth
2.0#

Replaces

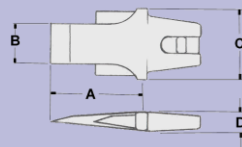
Pengo®

134855 90P

170003 80C

170008 80

170015 95P



Tooth Dimensions Style 1

H&L #	Pocket #	Style	A	B	C	D	Pengo #
CF-9C	C-4	1	3.12"	2.62"	3.00"	.81"	80

CF-9D

Forged Tooth
2.2#

Replaces

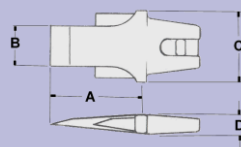
Pengo®

134855 90P

170003 80C

170008 80

170015 95P



Tooth Dimensions Style 1

H&L #	Pocket #	Style	A	B	C	D	Pengo #
CF-9D	C-4	1	4.12"	2.12"	3.00"	.81"	95P

CF-9E

Forged Tooth
2.0#

Replaces

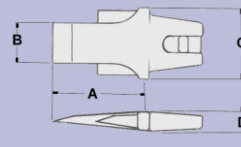
Pengo®

134855 90P

170003 80C

170008 80

170015 95P



Tooth Dimensions Style 1

H&L #	Pocket #	Style	A	B	C	D	Pengo #
CF-9E	C-4	1	4.12"	1.25"	3.00"	.81"	80C

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Pengo® Style Replaceable Pockets and Teeth

©H&L Tooth Company 2024

Produced by H&L since 1970!

C-4

Pocket
3.2#

**Replaces
Pengo WO-12
Pocket
Holders**



9 Series Weld-on Pockets

Quality and Performance you've come to expect from H&L for 90 Years!

Spread the plastic clip over the rear of the tooth. The clip will self locate on the square cavity of the tooth.



C-9-1 Plastic Clips

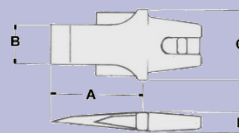
Forged Cobra style CF-10 Series Replacement Teeth

Produced by H&L since 1970!

CF-10A

Forged Tooth
2.6#

**Replaces
Pengo®
134406 132
134659 299
140112 PFC2
170030 201
170034 211**



Tooth Dimensions Style 1

H&L #	Pocket #	Style	A	B	C	D	Pengo #
CF-10A	C-1	1	3.50"	1.75"	2.62"	1.02"	201

C-1

Pocket
3.2#



C-1-P

Pocket
3.4#

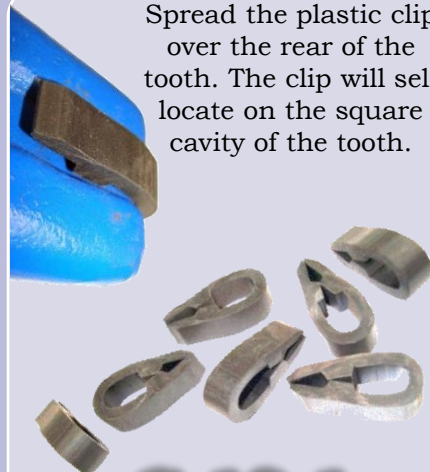


Replaces Pengo WO-5 and Jetco W-5 Pocket Holders

10 Series Weld-on Pockets

*Quality and Performance, you've come to expect from
H&L for 90 Years!*

Spread the plastic clip over the rear of the tooth. The clip will self locate on the square cavity of the tooth.



C-10-1 Plastic Clips

Quality and Performance, you've come to expect from H&L for 90 Years!

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Pengo and CMI Style Replaceable Teeth

©H&L Tooth Company 2024

Produced by H&L since 1970!

CF-35

Forged Tooth 0.4#

Replaces

Pengo®

133835 35

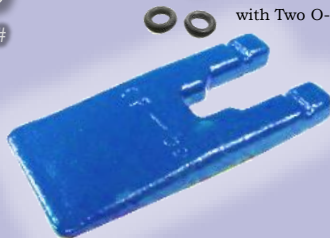
140007 35C

140008 35HF

140010 37HF

140027 37

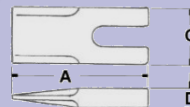
140029 5T30



Forged Cobra CF-35 Series Replacement Teeth

with Two O-RING GR21

Replaces Pengo T-35,
T-36, 23, 45, 77 and
Other Pocket Holder



Tooth Dimensions Style 2

O-Ring GR21
.239"ID X .103" dia.



H&L #	Pocket #	Style	A	B	C	D	Pengo #
CF-35	N/A	2	3.50"	1.69"	1.69"	.375"	35

CF-16R55

Forged Tooth
1.0#

Replaces

Pengo®

140018 7R55

140509 16R51

140513 16R55HF

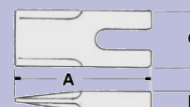
140390 7R55 Chisel



Forged Cobra CF-16R55 Replacement Teeth

with Two O-RING 112

Replaces Pengo B-256,
C-355 and E-555 Pocket
Holders



Tooth Dimensions Style 2

O-Ring GR21
.500"ID X .094" dia.



H&L #	Pocket #	Style	A	B	C	D	Pengo #
CF-16R55	N/A	2	4.69"	2.00"	2.00"	.672"	16R55

CF-1650

Forged Tooth
1.0#

Replaces

Pengo®

140005 1656

140006 1658

140015 RB58

140017 1851

140020 1652

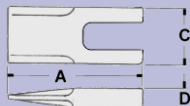
140086 1652HF



Forged Cobra CF-1650 Replacement Teeth

with Two O-RING 112

Replaces Pengo 1XS,
BT-100 and WT-50
Pocket Holders



Tooth Dimensions Style 2

O-Ring GR21
.500"ID X .094" dia.



H&L #	Pocket #	Style	A	B	C	D	Pengo #
CF-1650	N/A	2	5.06"	2.06"	2.06"	.625"	1650

CF-1851

Forged Tooth
1.0#

Replaces

Pengo®

140005 1656

140006 1658

140015 RB58

140020 1652

140086 1652HF

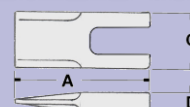
140200 1650



Forged Cobra CF-1851 Replacement Teeth

with Two O-RING 112

Fits Pengo 1XS,
BT-100 and WT-50
Pocket Holders



Tooth Dimensions Style 2

O-Ring GR21
.500"ID X .094" dia.



H&L #	Pocket #	Style	A	B	C	D	Pengo #
CF-1851	N/A	2	5.00"	2.25"	2.00"	.620"	1851

CF-5-1114

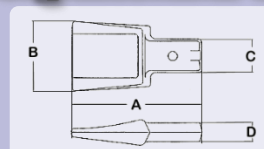
Forged Tooth
1.1#

Fits CMI 5-1112
Pocket Holder
This Tooth is a
replacement for
the original
CMI design.



Forged Cobra CF-5-1114 Replacement Teeth

with C-5-1113 Nylon Ball



Tooth Dimensions Style 3

C-5-1113 Nylon
.500" Diameter Ball



H&L #	Pocket #	Style	A	B	C	D	CMI #
CF-5-1114	N/A	3	4.44"	2.38"	1.12"	.625"	5 1114

®Is a registered trademark of the respectively named Company.

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

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.

**Patented
Auto-Welders**

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.