

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

#211.2024 Catalog
A ISO 9001 CERTIFIED Company



Tooth Company Ground Engaging Tools

www.hltooth.com

**Wear Parts for:
H&L Cobra Line conical fit, all twist lock systems Replacements**

**Quality
GET since
1931**



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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H&L® **Cobra Line** conical shaped nose design, C-18, C-22, C-25, C-30, C-35, C-40, C-45 and C-50 Series **Teeth**.

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Comments and Notes



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Tooth Descriptions conical shape pockets

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Tooth Shapes for all Applications:

The Cobra Line conical shaped nose style features a full complement of tooth shapes designed to match or exceed the OEM offering. From dirt to clay to rock, the H&L® Product offers *forged and value-cast* designs for excellent reliable and ease of use.



LP- The “LP” is a Long Panel style tooth for medium abrasion applications with a deep designed recessed panel on the top surface for the tooth to stay sharp during the life of the GET.



R – The R is a Rock style Heavy blunt tooth. It is a heavy-duty centerline tooth for abrasive applications when more wear metal is required.



S – The “S” is a standard tooth, an excellent choice for excavators and wheel loaders in general purpose applications. Designed to wear sharp for penetration, and features a center rib for greater strength.



T – The “T” is a dual purposed tooth which change the digging pitch of the tooth by reversing. It is used for flush cut in normal position for general purpose applications or can be turned upside down for more aggressive digging.



VIP or TL - (Single Tiger) – Both are a V shape, ribbed non-centerline tooth for maximum penetration in applications such as frost or shale. It has improved wear life over other pick shaped designs and stays sharper longer for maximum value.



TVC - (Twin Tiger) – The TVC is a Twin Tiger shape, centerline tooth with excellent penetration. It is designed to be used in corner positions in conjunction with the TL design to cut clearance for bucket sides.



TVIP - The (Twin Tiger) is a double V shape, ribbed non-centerline tooth with excellent penetration. It is designed to be used in corner positions in conjunction with the Single Tiger design to cut clearance for bucket sides.



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Cobra Line Style Products

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C-18 SERIES

C-18S
2.4#



Sharp Tooth

C-18LP
2.6#



Long Paneled

C-18TL
2.3#



Long Tilt Front

C-18VIP
1.8#



Single Tiger

C-18TVC
3.1#



Twin Tiger Centerline

C-22 SERIES

C-22S
2.7#



Sharp Tooth

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 style of Teeth for ground engaging application!



C-25S
4.7#



Sharp Tooth

C-25T
4.8#



Dual Purpose

CF-25T
6.1#



Dual Purpose

C-25 SERIES

C-25VIP
4.4#



Single Tiger

C-25TVC
7.6#



Twin Tiger Centerline



C-30S
5.8#



Sharp Tooth

C-30VIP
6.4#



Single Tiger

C-30TVIP
8.4#



Twin Tiger

C-30 SERIES

CF-35S
9.1#



Sharp Tooth

C-35VIP
7.7#



Single Tiger

C-35TVIP
13.9#



Twin Tiger

C-35 SERIES

Cobra Line Style Products

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C-40 SERIES



C-45 SERIES



C-50 SERIES



All teeth listed as **“CF”** are **FORGED** in our Tulsa Manufacturing Facility. Forged teeth are the premium, heavy duty tooth for their applications!

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 style of Teeth for ground engaging application!

Cobra Line Style Adapter Products

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BOTTOM "1CW" Style Weld-on Adapters Cobra Line conical shaped Nosepiece

C-833-18

1.19" Lip
3.7#



C-855-25

1.44" Lip
8.5#



C-855-30

1.44" Lip
8.8#

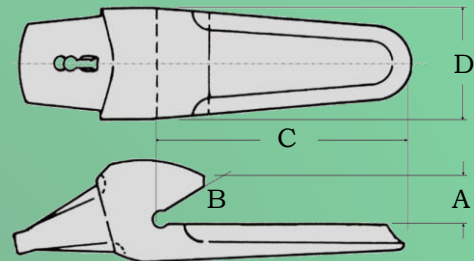


C-820-40

1.62" Lip
0.0#



Model	Weight	A	B	C	D	Tooth Series
C-833-18	3.7#	1.00"	30°	3.75"	2.25"	C-18 Series
C-855-25	8.5#	1.44"	30°	5.38"	3.00"	C-25 Series
C-855-30	9.5#	1.44"	30°	5.62"	3.50"	C-30 Series
C-820-40	22.2#	1.69"	27°	8.50"	4.50"	C-40 Series



WRAP AROUND "1W" Style Weld-on Adapters! Cobra Line conical Shaped Nosepiece

CX-1899-35

1.50" Lip
22.9#

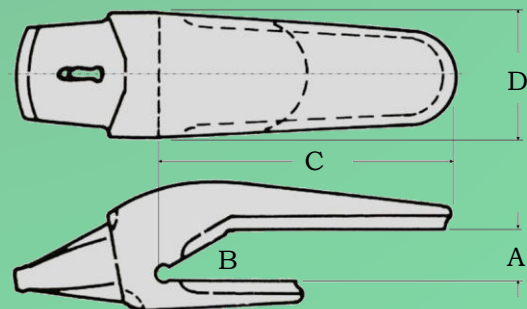


CX-1899-40

1.50" Lip
32.4#



Model	Weight	A	B	C	D	Tooth Series
C-1899-35	22.9#	1.62"	30°	9.50"	4.00"	C-35 Series
C-1899-40	32.4#	1.62"	30°	10.75"	4.50"	C-40 Series



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Cobra Line Style Inserts and Pins Attachments

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Cobra Line Inserts and Pins

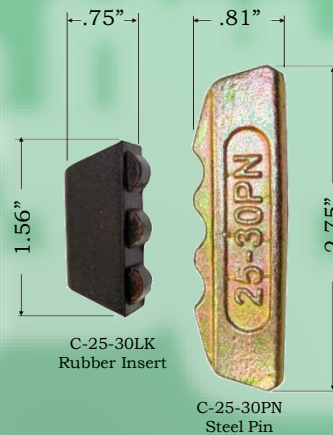
C-18-20
Insert & Pin



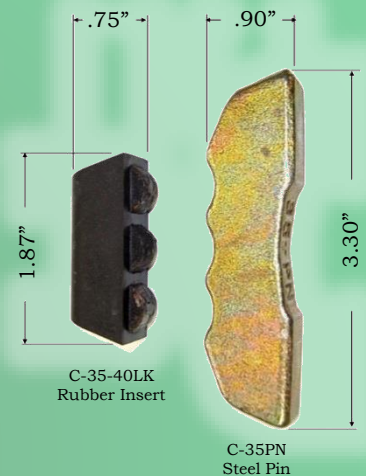
C-22
Insert & Pin



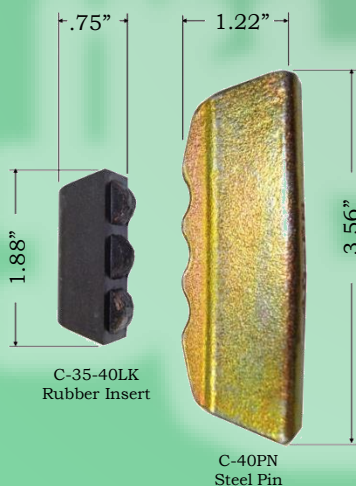
C-25-30
Insert & Pin



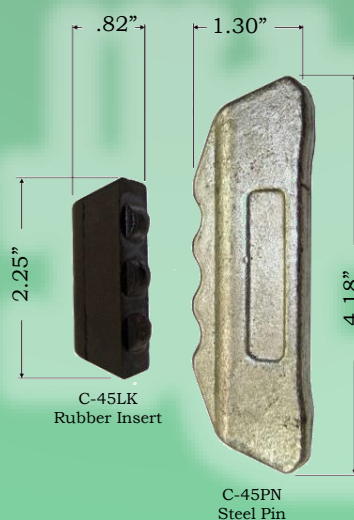
C-35
Insert & Pin



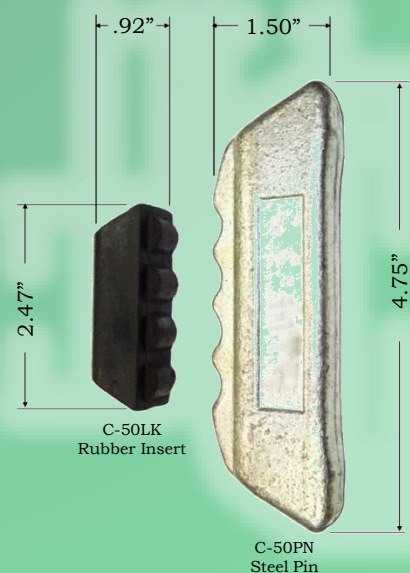
C-40
Insert & Pin



C-45
Insert & Pin



C-50
Insert & Pin



1-800-HL TOOTH

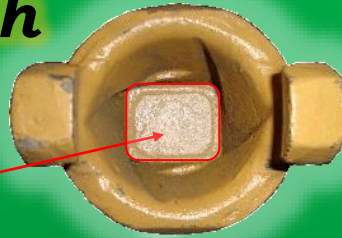
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Cobra Line twist locking Tooth Style Descriptions

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Twist locking Tooth Identification!

Note the **SQUARE** look of the tooth pocket.



H&L® Cobra line
“Twist lock”
identification between
Cobra Twist (square)
and super twist (rectangle)



Tooth Shapes for all Applications:

The Cobra Line twist tooth Systems features a full complement of shapes, designed to match or exceed the OEM offering. From dirt to clay to rock, the H&L® Product offers *value-cast* designs for excellent reliable and ease of use.



SYL – The SYL is a Standard ribbed tooth, and is the standard offering for excavators. The center line design wears sharp for excellent penetration, has a raised rib for strength, and plenty of wear metal. It is an excellent choice for general purpose digging.



VIP or VIPL- (Single Tiger) – The “VIP” is a V shape, ribbed non-centerline tooth for maximum penetration in applications such as frost or shale. It has improved wear life over other pick shaped designs and stays sharper longer for maximum value.



TVIP - The (Twin Tiger) is a double V shape, ribbed non-centerline tooth with excellent penetration. It is designed to be used in corner positions in conjunction with the Single Tiger design to cut clearance for bucket sides.



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Cobra Line twist locking Style Tooth Products

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CX-21 SERIES

CX-21SYL
8.0#



General Purpose

CX-21VIP
7.0#



Single Tiger

CX-21TVIP
8.5#



Twin Tiger

CX-27 SERIES

CX-27SYL
11.4#



General Purpose

CX-27VIPL
9.0#



Single Tiger

CX-27TVIP
10.9#



Twin Tiger

CX-37 SERIES

CX-37SYL
18.5#



General Purpose

CX-37VIPL
13.5#



Single Tiger

CX-37TVIP
16.8#



Twin Tiger

CX-47 SERIES

CX-47SYL
25.8#



General Purpose

CX-47VIP
22.1#



Single Tiger

CX-47TVIP
24.9#



Twin Tiger

Cobra Line Horse Shoe Retention

C-21 Series Pin



C-21LK Horse Shoe

C-27 Series Pin



C-27LK Horse Shoe

C-37 Series Pin



C-37LK Horse Shoe

C-47 Series Pin



C-47LK Horse Shoe

Plug and Pin Retention



C-21VPL
C-27VPL
C-37VPL
C-47VPL
Snaploc® Plug

C-21VPN
C-27VPN
C-37VPN
C-47VPN
Single Pin

Twist Style Pin & Plug

1-800-HL TOOTH

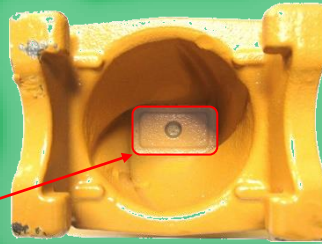
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Cobra Line super twist Tooth Style Descriptions

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super twist Identification!

Note the **RECTANGLE**
look of the tooth pocket.



H&L® Cobra line
"Twist lock"
identification between
super twist (rectangle)
and Cobra twist (square).



Tooth Shapes for all Applications:

The Cobra Line super twist tooth systems features the most popular tooth shapes designed to match or exceed the OEM offering. From dirt to clay to rock, the H&L® Products offers *value-cast* designs for excellent reliable and ease of use.

General purpose tooth no post identification is similar to the Long Paneled design. The Long Panel style tooth is for a medium abrasion applications with a deep designed recessed panel on the top surface for the tooth to stay sharp during the life of the GET.

AD – The AD is an Abrasive style FEL point for highly abrasive applications where extra penetration is needed. An excellent choice for quarry application. The full-length bottom wear shoe provides maximum wear life and ensures a smooth floor.

SYL – The SYL is a standard ribbed tooth, and is the standard offering for excavators. The center line design wears sharp for excellent penetration, has a raised rib for strength, and plenty of wear metal. It is an excellent choice for general purpose digging.

T - (Single Tiger) – The "T" is a V shape, ribbed non-centerline tooth for maximum penetration in applications such as frost or shale. It has improved wear life over other pick shaped designs and stays sharper longer for maximum value.

TT - The (Twin Tiger) is a double V shape tines with ribbed non-centerline tooth with excellent penetration. It is designed to be used in corner positions in conjunction with the Single Tiger design to cut clearance for bucket sides.



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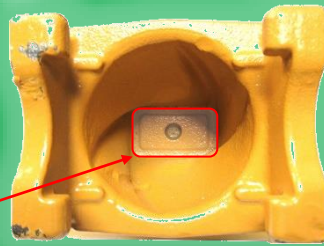
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Cobra Line super twist Style Products

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super twist Identification!

Note the **RECTANGLE**
look of the tooth pocket.



H&L® Cobra line
"Twist lock"
identification between
Super twist (rectangle)
and Cobra twist (square).

CV-13 SERIES

CV-13
2.1#



General Purpose

CV-13T
1.8#



Single Tiger

CV-17 SERIES

CV-17
2.9#



General Purpose

CV-17T
2.4#



Single Tiger



CV-19 SERIES

CV-19SYL
4.9#



General Purpose

CV-19
5.5#



General Purpose

CV-19T
4.7#



Single Tiger

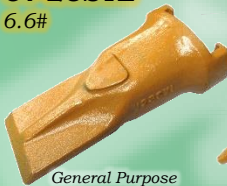
CV-19TT
5.8#



Twin Tiger

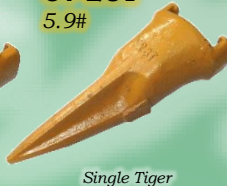
CV-23 SERIES

CV-23SYL
6.6#



General Purpose

CV-23T
5.9#



Single Tiger

CV-23TT
6.6#



Twin Tiger

CV-23AD
9.7#



Abrasive Delta

CV-23S5F
8.5#



Wide Flared

CV-29 SERIES

CV-29SYL
10.5#



General Purpose

CV-29T
10.7#



Single Tiger

CV-29AD
12.6#



Abrasive Delta

CV-33 SERIES

CV-33SYL
15.0#



General Purpose

CV-33T
12.0#



Single Tiger

CV-33TT
14.2#



Twin Tiger

CV-33AD
19.8#



Abrasive Delta

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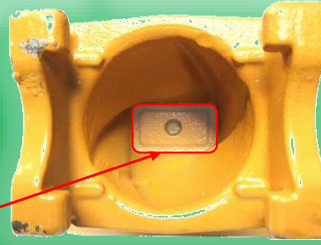
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Cobra Line super twist Style Products

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super twist Identification!

Note the **RECTANGLE** look of the tooth pocket.



H&L® Cobra line "Twist lock" identification between super twist (rectangle) and Cobra twist (square).

CV-39 SERIES

CV-39SYL
21.2#



General Purpose

CV-39
22.3#



General Purpose

CV-39T
18.9#



Single Tiger

CV-43 SERIES

CV-43SYL
28.7#



General Purpose

CV-43T
28.3#



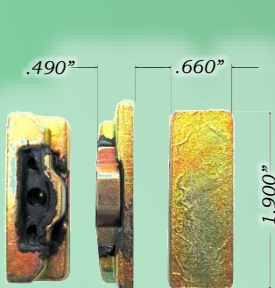
Single Tiger

CV-43AD
39.0#

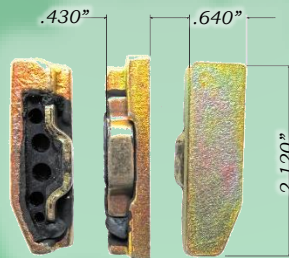


Abrasive Delta

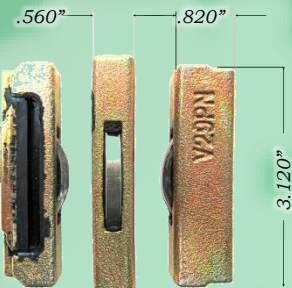
Super twist Flexpin® Identification!



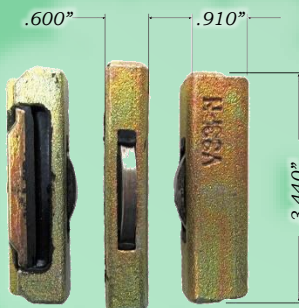
CV-13-17PN



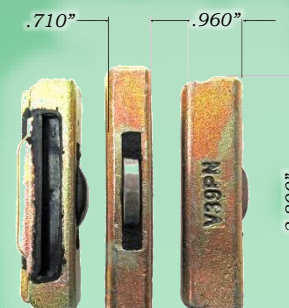
CV-19-23PN



CV-29PN



CV-33PN



CV-39PN



CV-43PN

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Cobra Line super twist Style Adapter Products

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SUPER TWIST BOTTOM "1CW" Weld-on Adapters.

C-5854-V19

1.00" Lip
8.6#



C-5849-V23

1.31" Lip
12.8#



C-5850-V29

1.62" Lip
17.0#



C-5855-V33

1.62" Lip
24.9#



C-5856-V39

2.00" Lip
35.3#

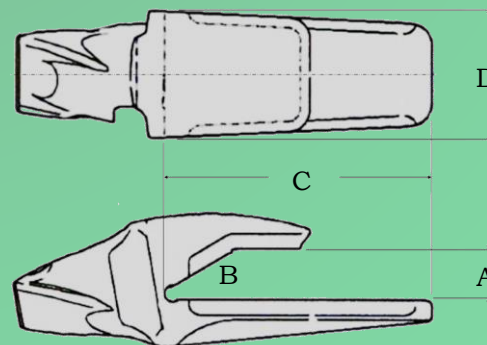


C-5856-V43

2.00" Lip
50.0#



Model	Weight	A	B	C	D	Tooth Series
C-5854-V19	8.6#	1.06"	30°	6.00"	3.00"	CV-19 Series
C-5849-V23	12.8#	1.31"	30°	6.00"	3.50"	CV-23 Series
C-5850-V29	17.0#	1.62"	30°	10.00"	3.50"	CV-29 Series
C-5855-V33	24.9#	1.62"	30°	9.50"	4.00"	CV-33 Series
C-5856-V39	35.3#	2.00"	30°	10.38"	4.50"	CV-39 Series
C-5856-V43	50.0#	2.00"	30°	10.50"	5.25"	CV-43 Series



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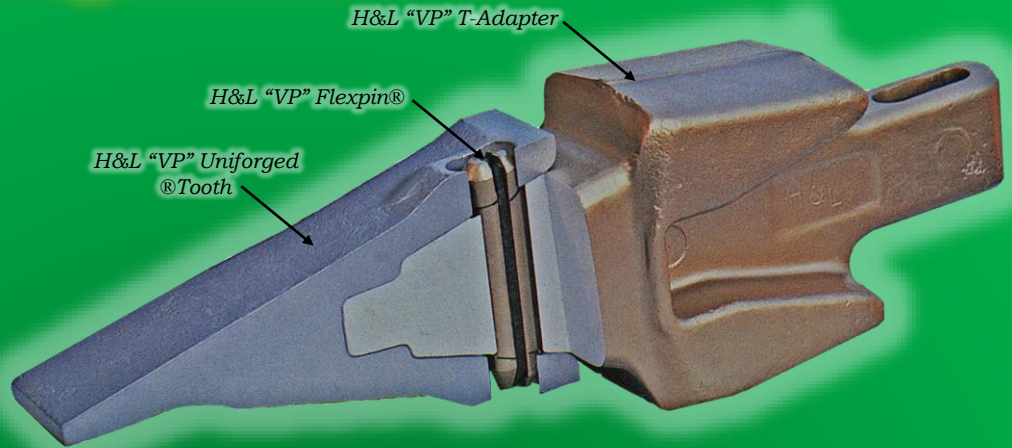
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Cobra Line T-Adapter Flexpin® Assemblies

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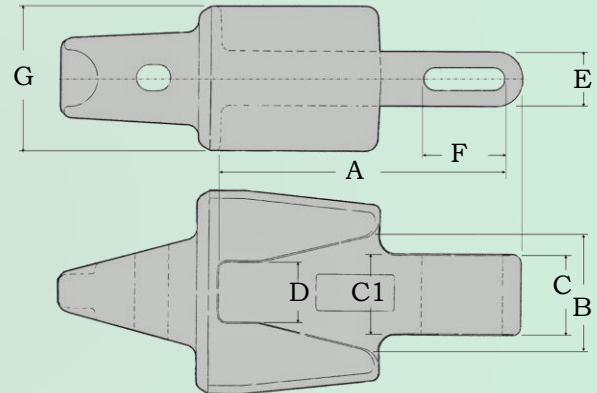
H&L® Cobra Line T-Adapter REPLACEMENTS

The "VP" System is a two-part tooth connection featuring a double locking vertical Flexpin® for a positive lock of the tooth to adapter. Top and bottom stabilizing pads inside the tooth edge lock with mating surfaces of the adapter nose, preventing horizontal movement.



H&L® Stake Type Replacement T-Adapters for buckets with C-19 and C-29 Lip Connections!

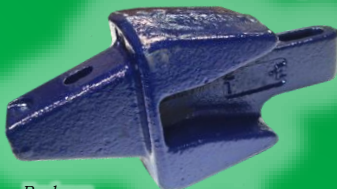
H&L® adapters use patented "VP" teeth and nosepieces!



Bucket Model	Reference Replacements	H&L® Number	Weight	A	B	C	C1	D	E	F	G	Tooth Series
C-19 Pockets	119-35	T-225-E-195	17.0#	5.88"	2.48"	1.60"	1.60"	1.35"	1.38"	1.75"	3.75"	195SP
C-29 Pockets	129-40	T-106-E-315	43.0#	8.62"	3.69"	2.50"	2.50"	1.81"	1.75"	2.62"	4.50"	315SP
C-29 Pockets	129-45	T-106-E-325	45.0#	8.62"	3.69"	2.50"	2.50"	1.81"	1.75"	2.62"	4.50"	325SP

T-225-E-195
17.0#

Uses K-1252
Wedge Key



Replaces
#119-35

T-106-E-315
43.0#

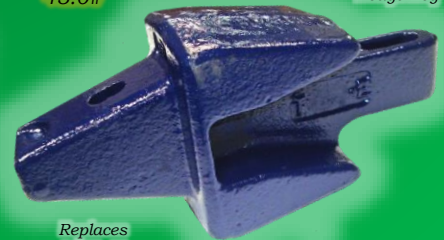
Uses K-975
Wedge Key



Replaces
#129-40

T-106-E-325
45.0#

Uses K-975
Wedge Key



Replaces
#129-45

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Cobra Line Style Products... Notes

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Comments

Other Product Catalogs

H&L® Original Style Products: Catalog #209.2023

H&L® Caterpillar® Style Products: Catalog #210.2023

H&L® Hensley® Style Products: Catalog #212.2023

H&L® Bobcat®, Komatsu® and Other Style Products: Catalog #213.2023

H&L® Whisler Mining & Ripper Products: Catalog #214.2023

H&L® Original 230-Series Products: Catalog #215.2023

H&L® Raw Steel Billet Ends: Catalog #223.2023

H&L® Original Fabricated Tooth Products: Catalog #242.2023

H&L® Original Cat® Diagonal Retention "DRS" Products: Catalog #300.2023

H&L® Original Cat® FORGED Twin Sharps: Catalog #301.2023

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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.



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.

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