



# H&L Original GET

*Ground Engaging Tools for Deere Equipment*



Our 188,000 square foot manufacturing facility in Tulsa, Oklahoma, H&L's home of **QUALITY FORGED WEAR PARTS.**

*All manufactures names, numbers, symbols and descriptions are used for reference purposes only and is not implied that any portion there of, is the product of these manufacturers.*



Catalog HL-6-92 updated 177.2015



# John Deere Part Numbers

## Conversion to H&L Part Numbers

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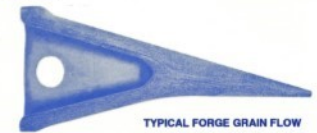
### Original 1992 Catalog Ads

#### POUND FOR POUND A CASTING JUST CANNOT COMPARE TO A FORGING!

FORGING PRODUCES A PRODUCT OF HIGH DENSITY AND FINE GRAIN FLOW FREE FROM INTERNAL CAVITIES OR INCLUSIONS OFTEN FOUND IN CASTINGS.

ONLY FORGINGS GIVE A CONTINUOUS FIBER STRUCTURE FOR MAXIMUM STRENGTH.

H & L UNFORGED TEETH ARE HIGHLY UNIFORM AND CONSISTENT IN QUALITY.



**DID YOU KNOW THAT NOT ALL FABRICATED TEETH ARE CREATED EQUAL?**

**FACT:** MOST FABRICATED COPIED TEETH ARE SOFT NON-HEAT TREATED @ AT THE REAR BLADE.

**FACT:** MOST FABRICATED COPIED TEETH ARE PRODUCED WITH VIRTUALLY NO WELD PENETRATION @ WHICH YIELD CAUSE PREMATURE FAILURE.

**FACT:** MOST FABRICATED COPIED TEETH ARE SOFTER @ THAN THE ORIGINAL @ H&L TOOTH, RESULTING IN PREMATURE WEAR. REQUEST ONLY GENUINE H&L TEETH.

**FACT:** ALL H&L ORIGINAL FABRICATED TEETH ARE AUTOMATICALLY WELDED BY DOUBLES, CREATING MAXIMUM WELD PENETRATION TOOTH AFTER TOOTH. SINCE THE EARLY 1950'S.

**FACT:** OVER 75 MILLION FABRICATED TEETH HAVE BEEN PRODUCED AND SOLD BY THE H&L TOOTH COMPANY, TALK ABOUT RELIABILITY!

**FACT:** TO MAINTAIN MAXIMUM HARDNESS THROUGHOUT THE H&L BLADE, EACH FABRICATED TOOTH IS HAND PLACED AND STACKED IN STEEL BASKETS, ATMOSPHERICALLY HEAT TREATED IN BATCH FURNACES, QUENCHED AND TEMPERED FOR MAXIMUM STRENGTH AND WEAR PROPERTIES.

**DID YOU KNOW THAT CAST COPIES ARE NO MATCH FOR A FORGING?**

**FACT:** CAST TEETH ARE MADE FROM HEAVY STEEL WHICH CAN CRACK AND CHIP @ WHICH WILL CAUSE PREMATURE FAILURE.

**FACT:** CAST TEETH ARE PRODUCED WITH HARBOR CRACKS, INCLUSIONS, AND LOOSE DUCTILE IRON. WITH VITAL POINTS TO SHOW WHAT AIRCRAFT GRADE STEEL!

**FACT:** CAST TEETH KNOWS GREATER STEEL MASS TO EQUAL THE STRENGTH OF A FORGED TOOTH, BUT LOOK AT THE SIZE (COMPARE TO THE 10 23 RANGE @ JUST ANOTHER 23 CAST COPY!

**CRIMP ON CAST TEETH ARE NO MATCH FOR ORIGINAL H&L 3CH TEETH**

**FACT:** H&L ORIGINAL TOOTH CLIPS ARE SOFT FOR EASE AND SAFETY OF FIELD CRIMPING APPLICATIONS. THE HENKLEY AND ESCO CAST COPIES ARE 23 ROCKWELL POINTS HARDER AT CRIMPS.

**FACT:** THE COPIED TEETH ARE HARD CRIMPING AND HAVE A POSSIBILITY OF STEEL CHIPS FLYING WHEN CRIMP HAMMERING.

**FACT:** HENKLEY DOES NOT HEAT TREAT THEIR OWN PRODUCT. H&L HAND PLACES AND STACKS ITS FABRICATED TEETH IN STEEL BASKETS, ATMOSPHERICALLY HEAT TREATED IN BATCH FURNACES, QUENCHED AND TEMPERED FOR MAXIMUM STRENGTH AND WEAR PROPERTIES.

**ESCO FABI-FORGE**

#### ESCO'S PIPE TOOTH!

**FACT:** A PIPE ID CAVITY WHEN SQUASHED, CRIMPED, CLOSED, ETC... WILL ALWAYS CREATE A CONTINUOUS TOOTH CRACK @.

**FACT:** THIS PIPE TOOTH WAS SQUASHED FROM "SEAMED" PIPE PRODUCTS. NOTE SEAM @.

**FACT:** THE ADDITIONAL FORMING OF THE PIPE TO CREATE A 23 SERIES POCKET, DECREASED THE CORNER STRENGTH MATERIAL 40% IN SIZE @.

**FACT:** WHEN ESCO DEALERS PURCHASE 23 FLEXPINS DIRECT FROM ESCO, THEY ACTUALLY RECEIVE THE H&L ORIGINAL 23FP.

**Call H&L**  
**Customer Service**  
**ask for a Classic**  
**H&L Tooth Company**  
**free 1992 poster.**

John Deere Part Numbers	
Deere	H&L Numbers
U10557	2AH
U10580	D-835-2A
U13928	D-834-23
U13929	23SP
U14436	D-834-3C
U14437	3CH
U16087	L-2921-F-25
U16864	L-4013-23
U41344	L-4059-24
U42750	2740-AW-23
U42751	23LR
U43792	2740-W-23
U45349	2740-FW-25
T29886	L-3203-24
T36126	2740-MW-23
T54317	230SP
T56524	230ST
T72537	3CHW
T72545	2AH
T72546	3CHW
T72547	3CH
T72548	23HW
T72581	252ST
T72583	252SP
T72584	230P**
T128889	L-4031-23
T230SP	230CSP
T230ST	230CST
TT230HD	230THD
T230WT	230TW
TF23L	230TF
T240	240SP
TT240	240CT
T716X2A	L-2520-BW-2A
T728X230	2740-AW-23
T417X230	2740-MW-23
PM2300-10	D-834-Y-23
PMD834-23	D-834-23
PM2300-FL	L-4107-LW-23

John Deere Part Numbers	
Deere	H&L Numbers
PM24HD	240CSP
PMS240	240ST
PM2740-24	2740-W-24
PM2740AW25	2740-AW-25
PML407925	L-4079-A-25

John Deere Assembly Numbers	
Deere	H&L Numbers
AT31884	2740-FW-252SP
AT33512	2740-FW-252SP
AT34983	2740-MW023SP
AT51197	272-112-04SP
AT68771	G-877-B-1LSP
AT71943	G-996-A-252ST
AT76965	2740-W-230SP
AT76970	2740-AW-230SP
AT115579	G-877-B-2D-5572
AT142895	L-4013-230SP
AU11060	D-835-2AH
AU12203	D-834-Y-230SP
AU12534	D-834-3CH
AU13811	L-3204-240SP
AU41838	2740-AW-23SP
AU42457	2740-W-23SP

John Deere Flexpin Numbers	
Deere	H&L Numbers
T40910	23FP
T23P	
	23DLFP
TF23P	230DFP
T24P	24FP
T25P	25-26FP

John Deere Scarifier Numbers	
Deere	H&L Numbers
U41916	1LSP
T44318	26SP*
T44319	G-996-A-26*
T114792	G-877-B-IL
T114793	HL-6Y-5230

\*26 Series is obsolete and replaced with the 252 Series.  
 \*\*230P has been replaced by H&L forged 230T9.





## Conversion to H&L Part Numbers



Caterpillar Style Parts	
Deere No.	H&L Numbers
T1U3202	CX-1U-3202
TT1U3202	CX-1U-3202T
TX1U3202WT	CX-1U-3202WT
T1U3252	CX-1U-3252
TT1U3252	CX-1U-3205TL
TX1U3252WT	CX-1U-3205WTL
T1U3302	CX-1U-3302
TT1U3302	CX-1U-3302TL
TX1U3302WT	CX-1U-3302WTL
T1U3352	CX-1U-3352
TT1U3352	CX-1U-3352TL
TX1U3352WT	CX-1U-3352WTL
T4T2353	HL-4T-2353
T9W8452	CX-9W-8452
PM1U3452T	CX-1U-3352TL
PM1U3452WT	CX-1U-3352WTL
T9N4453	HL-9N-4452RPS
T1U3552	CX-9W-8552
PM9N4552	CX-9N-4552RPS
PM9W1553RP	CX-9W-1553

### Hensley Style Cont...

TX156WT	CX-156WT
TX160	CX-160SP
TX160F	CX-160F
TX160WT	CX-160WT
TX220	CX-220SP
TX220WT	CX-220WT
TX290	CX-290SP
TX290F	CX-290F
TX290WT	CX-290WT
TX310	CX-310SP
TX310F	CX-310F
TX310WT	CX-310WT
TX310AP	CX-310AP
TX330	CX-330SP
TX330F	CX-330F
TX330WT	CX-330WT
TX330AP	CX-330AP
TX350	CX-350SP
TX370	CX-370SP
TX370WT	CX-370WT
TX400	CX-400SP
TX400F	CX-400F
TX400WT	CX-400WT
TX410	CX-410SP
TX410WT	CX-410WT
TX475	CX-475SP
TX475WT	CX-475WTL
TX500	CX-500SP
TX500WT	CX-500WT
PM295	CX-295SP
PMS156	CF-156ST
PMS156HD	CF-156SP
PMT156HD	CF-156CTT
PMT450	CX-450T
PMX156F	CX-156F
PMX156L	CX-156L
PMX156LP	CX-156LP
PMX225	CX-225SP
PMX370F	CX-370F
PMX450	CX-450SP
PMX450F	CX-450F
PMX450WT	CX-450WT



Esco Style Parts	
Deere No.	H&L Numbers
EX21SYL	CX-21SYL
EX21TVIP	CX-21TVIP
EX21VIP	CX-21VIP
EX27SYL	CX-27SYL
EX27TVIP	CX-27TVIP
EX27VIP	CX-27VIP
EX37SYL	CX-37SYL
EX37TVIP	CX-37TVIP
EX37VIP	CX-37VIP
EX47SYL	CX-47SYL
EX47TVIP	CX-47TVIP
EX47VIP	CX-47VIP
EV19SYL	CV-19SYL
EV19TVY	CV-19TVY
EV19VY	CV-19VY
EV23SYL	CV-23SYL
EV23TVY	CV-23TVY
EV23VY	CV-23VY
EV33SYL	CV-33SYL
EV39SYL	CV-39SYL
EV43SYL	CV-43SYL
PM18LPHX	CF-18LP
PM45DXHX	C-45RDX
PM50SHX	C-50S
T18LP	C-18LP
T25VIP	C-25VIP
T30S	C-30S
T30TVIP	C-30TVIP
T30VIP	C-30VIP
T35S	C-35S
T35TVIP	C-35TVIPA
T35VIP	C-35VIPA
T40S	C-40S
T40TVIP	C-40TVIPA
T40VIP	C-40VIPA
T45S	C-45S



Hensley Style Parts	
Deere No.	H&L Numbers
TT156	CX-156T
TT160	CX-160T
TT220	CX-220T
TT290	CX-290T
TT310	CX-310T
TT330	CX-330T
TT370	CX-370T
TT400	CX-400T
TT410	CX-410T
TT475	CX-475TL
TT500	CX-500T

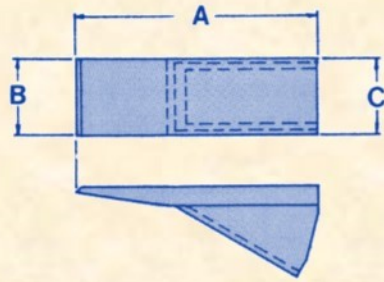


# Fabricated Teeth and Adapters

## 0, 00, 2AH, 3CH Series



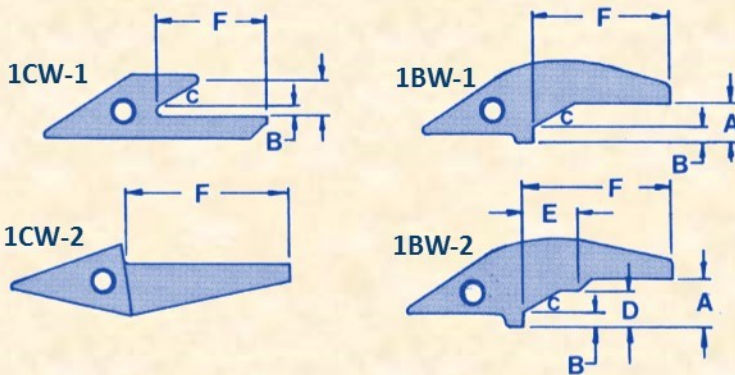
© H&L Tooth Company 2015



### Fabricated Teeth

Deere Number	H&L Number	Tooth Styles	A	B	C
	OSP	Sharp	2.56"	1.12"	1.12"
	00SP	Sharp	3.36"	1.44"	1.44"
<b>U10577</b>	2AH	Heavy	4.12"	1.62"	1.62"
<b>U14437</b>	3CH	Heavy	5.00"	2.25"	2.25"
<b>T72537</b>	3CHW	Flared	5.00"	4.50"	2.25"

### 0, 00, 2AH, 3CH Series Adapters



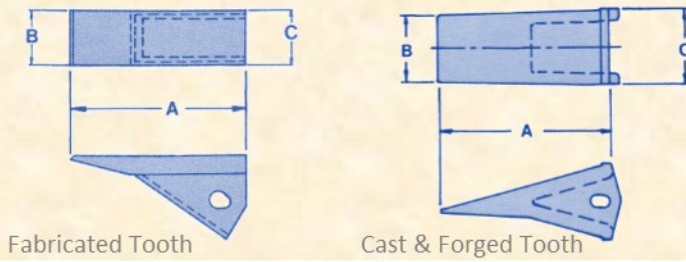
Deere Number	H&L Number	Styles	A	B	C	D	E	F
<b>U10580</b>	D-835-2A	1CW-1	1.00"	0.38"	30	-	-	4.06"
	D-834-Y-3C	1CW-1	1.00"	0.38"	23	-	-	4.09"
<b>U14436</b>	D-834-3C	1CW-1	1.00"	0.38"	30	-	-	4.09"
	D-838-0	1CW-2	-	-	-	-	-	2.25"
	D-862-2A	1CW-2	-	-	-	-	-	4.00"
	2898-W-00	1CW-1	0.50"	0.19"	20	-	-	3.00"
<b>T716X2A</b>	L-2520-BW-2A	1BW-1	0.81"	0.19"	22	-	-	3.75"





# Fabricated, Cast and Forged Teeth

## 23 and 230 Series



Fabricated Tooth

Cast & Forged Tooth

### Fabricated Teeth

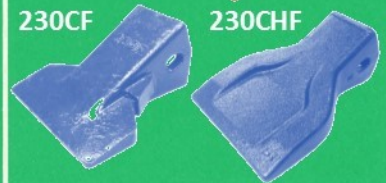
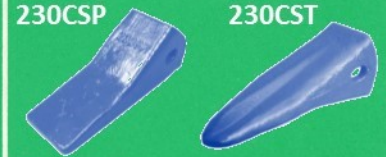
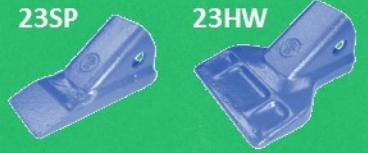
Deere Numbers	H&L Number	Tooth Styles	A	B	C
U13929 U42751	23SP	Sharp	5.06"	2.25"	2.25"
T72548	23HW	Flared	5.00"	4.50"	2.25"

### Cast Value Teeth

Deere Number	H&L Number	Tooth Styles	A	B	C
T230SP	230CSP	Sharp	6.00"	2.25"	2.25"
T230ST	230CST	Star	6.25"	0.38"	2.25"
TT230HD	230THD	Single Tiger	6.25"	0.25"	2.25"
T230WT	230TW	Twin Tiger	6.50"	2.88"	2.25"
TF23L	230TF	Fangs	6.12"	1.75"	3.00"
Optional	230TR3	Triple Tiger	7.00"	4.00"	2.50"
Optional	230SP-5	Lip Saver	6.50"	1.50"	4.50"
Optional	230HD-5	Lip Saver	6.50"	1.50"	4.50"
Optional	230T9-5	Lip Saver	6.50"	0.25"	4.50"
Optional	230TT7-5	Lip Saver	6.50"	3.25"	4.50"
Optional	230CF	Flared	5.25"	4.50"	2.25"
Optional	230CHF	Flared	6.50"	4.50"	2.38"
Optional	230CHFC	Corner			

### Uniforged Teeth

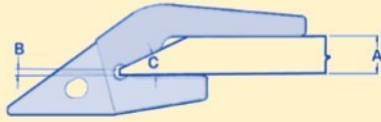
Deere Number	H&L Number	Tooth Styles	A	B	C
T56317	230SP	Sharp	6.12"	2.12"	2.25"
T56524	230ST	Star	6.25"	0.25"	2.38"
Optional	230T9	Single Tiger	6.50"	0.25"	2.38"
Optional	230TT7	Twin Tiger	6.75"	3.00"	2.38"
Optional	230CLAW	Fangs	6.25"	1.50"	2.38"
Optional	230TTCLAW	Fangs Twin	6.50"	3.25"	2.38"
Optional	230CTT	Twin Tiger	6.25"	2.75"	2.38"
Optional	230F	Flared	6.50"	4.50"	2.38"







### Weld on Series Adapters



1W Style

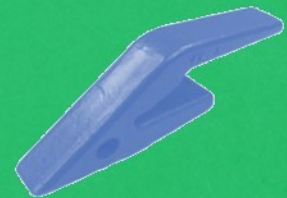


1CW Style

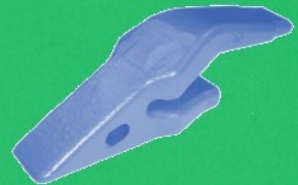
Deere Number	H&L Number	Styles	A	B	C
<b>U43792</b>	2740-W-23	1W	1.06"	0.19"	23
<b>U42750</b> <b>T728X230</b>	2740-AW-23	1W	0.91"	0.19"	23
<b>T36126</b> <b>T417X230</b>	2740-MW-23	1W	0.91"	0.25"	23
<b>U43792*</b>	2740-ZW-23	1W	1.06"	0.19"	23
	2740-AFW-23**	1W-AF	1.06"	0.19"	23
<b>U13928</b> <b>PMD834-23</b>	D-834-23	1CW	1.00"	0.19"	30
<b>PM2300-10</b>	D-834-Y-23	1CW	1.00"	0.19"	23

\* Deep dig Adapter

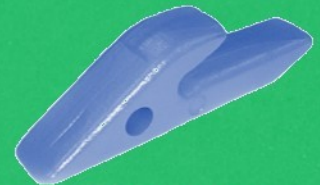
\*\* Deep Dig Adapter Corner



1W Style Adapter

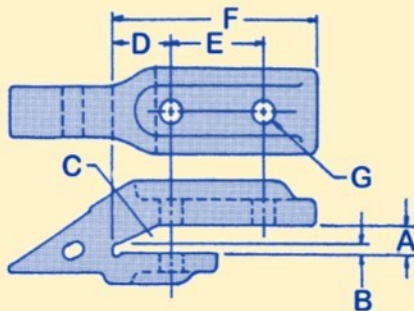


1W-AF Style Adapter

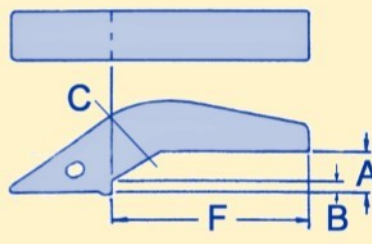


1CW Style Adapter

### Loader Style Adapters



1 Style



1BW Style

Deere Number	H&L Number	Styles	A	B	C	D	E	F	G
<b>PM2300FL</b>	L-4107-LW-23	1BW	0.75"	0.12"	23	-	-	6.00"	-
<b>T128889</b>	L-4031-23	1	0.81"	0.19"	23	2.00"	3.00"	6.50"	0.69"
<b>U16864</b>	L-4013-23	1	0.81"	0.19"	30	2.25"	3.25"	6.50"	0.69"
	L-3445-D-23	1A	0.81"	0.19"	23	2.25"	3.00"	6.48"	0.69"
	L-3445-23	1	0.81"	0.19"	23	2.25"	3.00"	6.48"	0.69"
	230-110-00	1	1.06"	0.19"	30	2.25"	3.25"	6.50"	0.69"



1BW Style Weld on Adapter



1 Style Bolt on Adapter



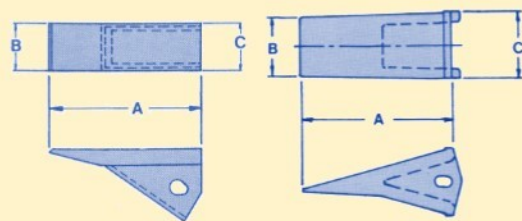
# Teeth, Weld on and Bolt on Adapters

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## 24 and 240 Series

### Fabricated, Cast and Forged Teeth



Fabricated

Cast & Forged Tooth

Deere Number	H&L Number	Tooth Styles	A	B	C
21X31289	24SP	Sharp	6.50"	2.25"	2.25"
T240	240SP	Sharp	7.25"	2.20"	2.20"
PMS240	240ST	Star	7.62"	0.19"	2.20"
PM24HD	240CSP	Sharp	7.25"	2.30"	2.30"
TT240	240CT	Tiger	7.62"	0.25"	2.30"



24SP Fabricated



240SP



240CSP Cast

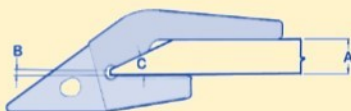


240ST Forged



240CT Cast

### Weld on Series Adapter



1W Style

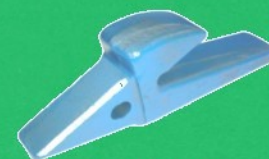


1CW Style

Deere Number	H&L Number	Styles	A	B	C
PM2740-24	2740-W-24	1W	1.06"	0.38"	23
	2740-FW-24	1W	1.56"	0.62"	23
	3000-W-24	1CW	1.80"	0.62"	30

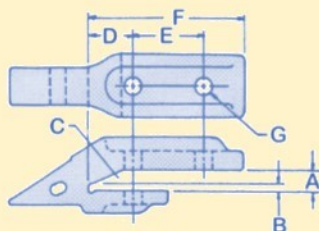


1W Style Adapter

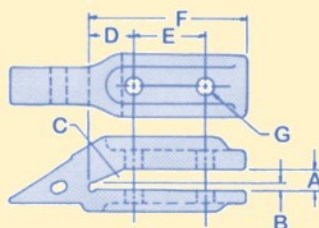


1CW Style Adapter

### Bolt on Series Adapters



1 Style



1A Style

Deere Number	H&L Number	Styles	A	B	C	D	E	F	G
U41344	L-4059-24	1	1.06"	0.31"	30	2.62"	2.38"	6.50"	0.56"
T29886	L-3203-24 <small>OUT OF PRODUCTION</small>	1	1.31"	0.25"	33	3.00"	6.00"	10.0"	0.69"
AU13811	L-3204-24 <small>OUT OF PRODUCTION</small>	1	1.19"	0.12"	35	2.75"	6.50"	10.0"	0.69"
	L-4079-A-24	1A	1.03"	0.44"	24	3.25"	3.75"	8.50"	0.69"



1 Style Bolt on Adapter



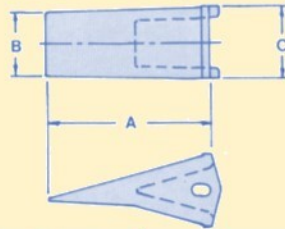
1A Style Bolt on Adapter



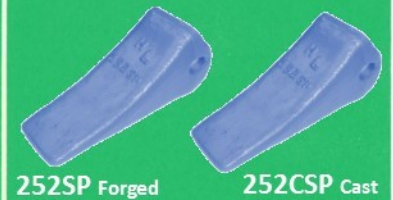


## 252 Series

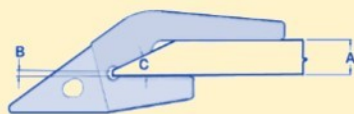
### Cast and Forged Teeth



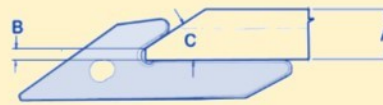
Deere Number	H&L Number	Tooth Styles	A	B	C
<b>T72583</b>	252SP	Sharp	7.88"	2.75"	2.75"
<b>T72581</b>	252ST	Star	8.38"	0.38"	2.75"
<b>Optional</b>	252CSP	Sharp	7.75"	2.75"	2.75"
<b>Optional</b>	252CT	Tiger	7.75"	0.38"	2.75"



### Weld on Series Adapter



1W Style



1CW Style

Deere Number	H&L Number	Styles	A	B	C
<b>PM2740AW25</b>	2740-AW-25	1W	1.31"	0.50"	23
	2740-AEW-25*	1W	1.31"	0.50"	23
<b>U45349</b>	2740-FW-25	1W	1.56"	0.62"	23
<b>PM3000W25</b>	3000-W-25	1CW	1.80"	0.62"	30

\*Same as 2740-AW-25 except longer legs for greater weld retention.

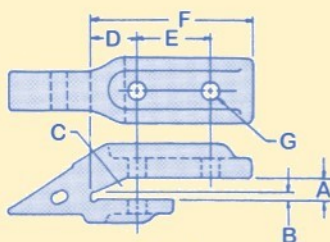


1W Style Adapter

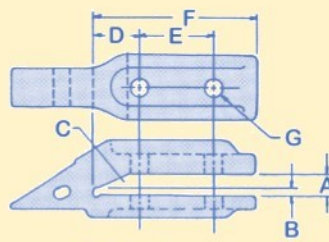


1CW Style Adapter

### Bolt on Series Adapters



1 Style



1A Style

Deere Number	H&L Number	Style	A	B	C	D	E	F	G
<b>U16087</b>	L-2921-F-25 <small>OUT OF PRODUCTION</small>	1A	-	1.06"	40	4.62"	4.00"	-	0.81"
<b>PML4079-25</b>	L-4079-A-25	1A	1.03"	0.44"	24	3.25"	3.75"	8.50"	0.69"
	251-115-02	1	1.31"	0.50"	23	3.00"	3.50"	8.38"	0.81"
	251-112-15	1	1.31"	0.44"	24	3.00"	4.25"	8.25"	0.81"



1 Style Bolt on Adapter



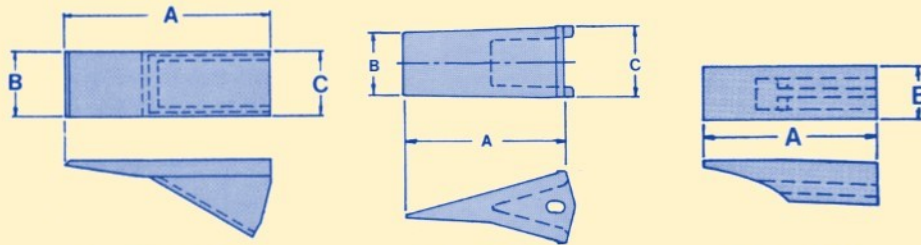
1A Style Bolt on Adapter





## Scarifier and Ripper Series

### Fabricated and Forged Teeth

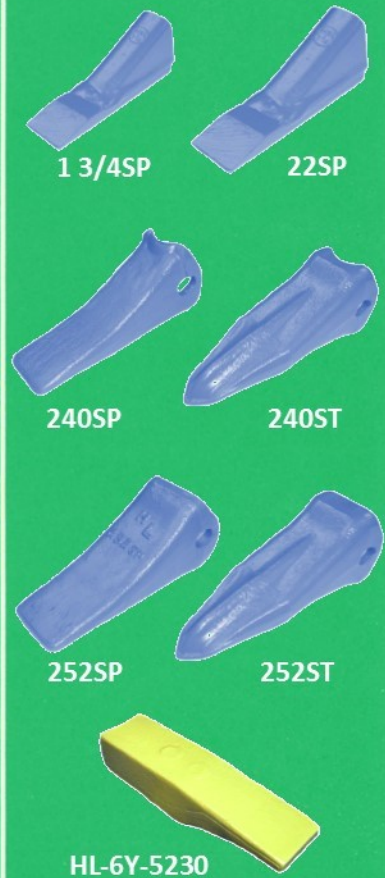


Fabricated Style

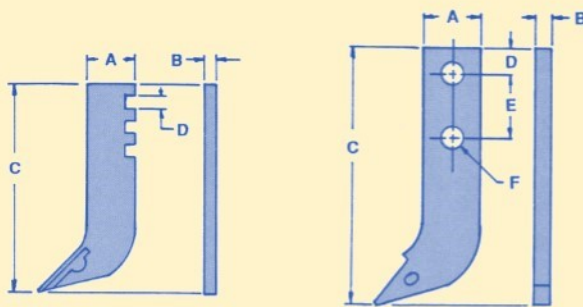
Forged Style

Slip on Style

Deere Number	H&L Number	Tooth Styles	A	B	C
	1 3/4SP	Sharp	5.19"	1.25"	1.25"
<b>U41916</b>	1LSP	Sharp	6.00"	1.56"	1.56"
<b>T240</b>	240SP	Sharp	7.25"	2.20"	2.20"
<b>PMS240</b>	240ST	Star	7.62"	0.19"	2.20"
<b>T72583</b>	252SP	Sharp	7.88"	2.75"	2.75"
<b>T72581</b>	252ST	Star	8.38"	0.38"	2.75"
<b>T114793</b>	HL-6Y-5230	Sharp	7.18"	1.81"	-



### Scarifiers and Small Rippers



Scarifier Style

Small Ripper Style

Deere Number	H&L Number	Styles	A	B	C	D	E	F	G
<b>T44319</b>	G-996-A-25*	Ripper	5.00"	2.00"	28.75"	-	2.50"	9.00"	2.03"
<b>T114792</b>	G-877-B-1L	Scarifier	3.00"	1.00"	19.10"	0.75-	-	-	-
	G-163-HW-3/4	Scarifier	2.50"	0.75"	15.50"	0.53"	0.53"	2.50"	-
	G-163-CD-3/4	Scarifier	2.50"	0.75"	15.50"	0.50"	0.53"	2.50"	3.00"
	HL-5-0940	Scarifier	3.00"	1.00"	17.75"	0.93"	0.67"	1.58"	1.58"

\*G-996-A-26 Scarifier is obsolete and replaced with the G-996-A-25 Scarifier (252 is NOT Interchangeable with 26 Series).



Scarifier Style



Small Ripper Style



## Flexpin® and Remover Tools

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### 23 Series Flexpin® and B23HL Tool

#### 23FP Flexpin®, Deere #T23P & T40910

The Original Flexpin design produced for all 23 and 230 Series Tooth Systems.



Original Length

#### 230DFP Flexpin®, Replaces Deere #TF23P

The Delta Wing Flexpin Longer design is ideal as a Fangs Replacement



Longer Length

#### 23FP Flexpin®, Replaces Deere Flexpins

The Double Locking Flexpin has been design to better lock for loose assemblies.



Double Locking Lugs



Flexpin® is the registered Trademark of the H&L® Tooth Company



# H&L® NEW Pin Caddy™

B23HL1 Patented Tool for ALL 230 Series Teeth

Pin Caddy™ Holds a Complete Set of Flexpins

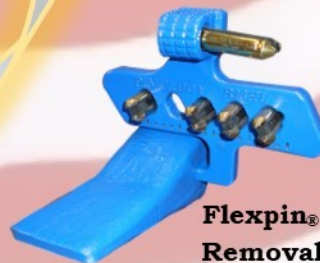
#### Pin Caddy™

Comes with five **FREE** Flexpins

Your **Choice** of Flexpin® Styles!



**REMOVE IT  
FASTER!**



Flexpin®  
Removal



Flexpin®  
Installation

**PATENTED! No Other Pin Tool Compares**  
Work Safely! As always, safety glasses and gloves are recommended.



# Flexpins®

## 24, 25 and Other Series

**24FP Flexpin®, Deere Number T24P**  
*The Original Flexpin Design produced for all 24 and 240 Series Tooth Systems.*



**25-26 FP Flexpin®, Deere #T25P & T44320**  
*The Original Flexpin Design produced for all 25, 26 and 252 Series Tooth Systems.*



**20-27FP Flexpin®, Deere #T27P & T53016**  
*The Original Flexpin Design produced for all 20 and 272 Series Tooth Systems.*

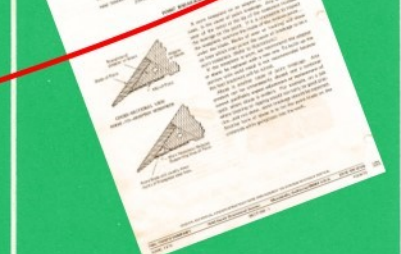


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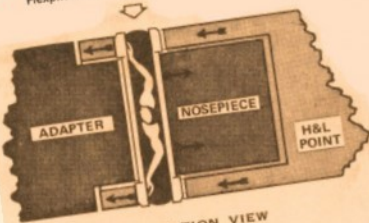
*Flexpin® is the registered Trademark of the H&L® Tooth Company*

*Introduction and General Information Sheet. H&L Classic Catalog of 50 years ago.*



### H&L FLEXPIN POINT CONNECTION

Animated rubber insert illustrates the lifelike action of the H&L Flexpin inside the connection.



CROSS-SECTION VIEW



The H&L Flexpin consists of two half-round lengths of steel with a section of live rubber vulcanized between to form an oval shaped pin. In use within the nosepiece of the adapter and the pin holes of the Point, the compressed rubber forces the Flexpin half-round sections in opposite direction. (Refer to illustration at left.) One half-round section bears on nosepiece and the other bears at each side of Point to hold it securely on the adapter. Shape design of the Flexpin serves to lock it in place.

U.S. PATENTS: 2568075, 2716822, 2669153, 2914868, 2807105, 2632261, 2762139, 2798403, 2837844, 3020655, 3016270  
CANADIAN PATENTS: 490650-1953, 490651-1953, 500919-1954, 577430-1959, 585026-1959, 5973307-1960, 641110-1962  
OTHER PATENTS PENDING INCLUDING FOREIGN.