

# SAWMILL KNIVES

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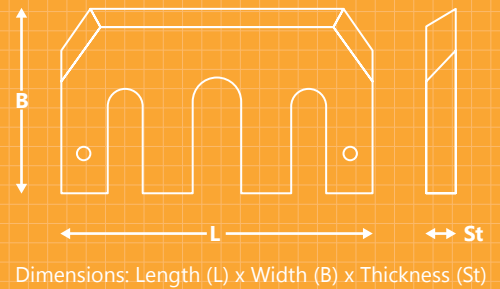
# 4

# TECHNOLOGY

## More than just making the cut ...

HDS-Sawmill knives are excellent for all cutting systems in the sawmill industry. Our sawmill knives are manufactured using high-quality speciality tool steels. Carefully customised heat treatment during the manufacturing process optimise the knife's properties for the various applications.

Benefit from our expertise in cutting technology. Even the HDS standard style "BasicCut" will convince you.



## Design

All HDS-Sawmill knives supplied are the BasicCut type. For special or particularly abrasive conditions we have four additional options which can also be combined.

Use our "SoWa Sawmill Optimised Tool Design" for sawmill knives "tailored" to your applications.



### PitchCut

PitchCut style sawmill knives yield an absolutely perfect cut; with this option the cutting angle of the primary chamfer is adapted to the various wood properties, and a pre-chamber and/or a counter chamfer will be added. PitchCut knives therefore feature the optimal cutting edge for a perfect cut.



### ThermoCut

We offer ThermoCut style sawmill knives specifically for use in severe climates such as processing frozen wood. The special heat treatment modifies the hardness, bending strength and fracture resistance for extreme conditions.



### GeoCut

A lot of things can often be even better. Here we pull out all the stops of constructional knife tuning and modify the geometry of the knife contours, and much more. With GeoCut style you receive a top class high-end knife customised for maximum cutting power in high performance applications.



### SteelCut

Our particularly robust SteelCut style sawmill knives provide an extra plus in terms of service life to the next sharpening cycle and the entire life of the knife. Here we use quite special heavy duty, premium quality chromium steels. SteelCut knives are particularly tough, which pays in the long run.





# BUTT END REDUCER

## Knives for Baljer & Zembrod

### Design



PitchCut



GeoCut



ThermoCut



SteelCut

	<p><b>Butt end reducer</b> 60 x 54 x 40 mm 2 bores, both sides countersunk</p> <p>HDS-No. 10025</p>		<p><b>Butt end reducer</b> 64.72 x 54 x 40 mm 2 bores, both sides countersunk <b>pulling cut</b></p> <p>HDS-No. 10115</p>
	<p><b>TCT butt end reducer</b> 60 x 46.95/40 x 40 mm 2 bores, both sides countersunk <b>one side TC tipped</b></p> <p>HDS-No. 10197</p>		

For SPINCUT milling shaft butt end reducers please see page 78.

## Knives for Bruks

### Design



PitchCut



GeoCut



ThermoCut



SteelCut

	<p><b>Butt end reducer</b> 59.8 x 54 x 40 mm 1 bore, both sides countersunk</p> <p>HDS-No. 10019</p>		<p><b>Butt end reducer</b> 64.69 x 54 x 40 mm 1 bore, both sides countersunk <b>pulling cut</b></p> <p>HDS-No. 10200</p>
	<p><b>TCT butt end reducer</b> 59.8 x 46.95/40 x 40 mm 1 bore, one side countersunk <b>one side TC tipped</b></p> <p>HDS-No. 10036</p>		

## Knives for Hombak

### Design



PitchCut




GeoCut



ThermoCut



SteelCut

	<p><b>Butt end reducer</b> 62 x 40 x 40 mm 2 bores, both sides countersunk</p> <p>HDS-No. 10038</p>		<p><b>HDS SoWa</b> With our "SoWa Sawmill Optimised Tool Design" we can supply any sawmill knife to drawing or sample.</p>
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# BUTT END REDUCER

Knives for Springer

Design



PitchCut



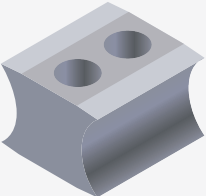
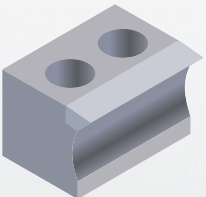

GeoCut



ThermoCut



SteelCut

	<p><b>Butt end reducer</b> 60 x 54 x 40 mm 2 bores, both sides countersunk</p> <p>HDS-No. 10025</p>		<p><b>Butt end reducer</b> 64.72 x 54 x 40 mm 2 bores, both sides countersunk <b>pulling cut</b></p> <p>HDS-No. 10115</p>
	<p><b>TCT butt end reducer</b> 60 x 46.95/40 x 40 mm 2 bores, both sides countersunk <b>one side TC tipped</b></p> <p>HDS-No. 10197</p>		<p><b>HDS SoWa</b> With our "SoWa Sawmill Optimised Tool Design" we can supply any sawmill knife to drawing or sample.</p>

# CHIPPER AND PROFILER KNIVES

Knives for Costa Righi

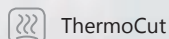
Design



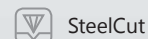
PitchCut



GeoCut



ThermoCut



SteelCut



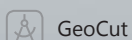
	<p><b>Knife</b> 97 x 38 x 18/10.5 mm 1 notch</p> <p>HDS-No. 10221 L / 10222 R</p>		<p><b>Knife</b> 97 x 38 x 18/10.5 mm 1 notch</p> <p>HDS-No. 11654 L / 11655 R</p>
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Knives for EWD

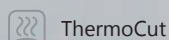
Design



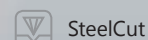
PitchCut



GeoCut


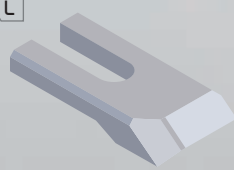
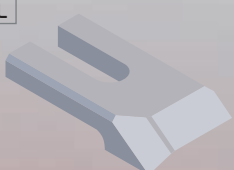
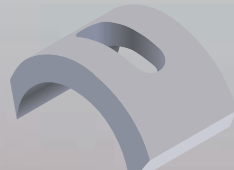
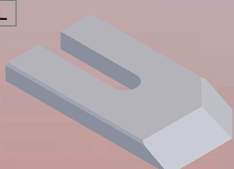
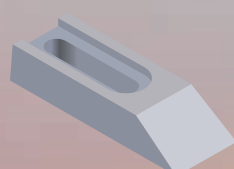


ThermoCut



SteelCut



	<p><b>Knife</b> 75 x 35 x 12.25/8.0 mm 1 notch</p> <p>HDS-No. 10210 L / 10211 R</p>		<p><b>Knife</b> 75 x 35 x 12.5/8.0 mm 1 notch</p> <p>HDS-No. 10212 L / 10213 R</p>
	<p><b>Knife</b> 75 x 39 x 15.9/9.0 mm 1 notch 1 M5 thread in spine</p> <p>HDS-No. 10042 L / 10043 R</p>		<p><b>Semi-circular knife</b> 120 x 80 x 15 mm 1 long groove</p> <p>HDS-No. 10029</p>
	<p><b>Knife</b> 130 x 70 x 12 mm 1 notch</p> <p>HDS-No. 10228 L / 10229 R</p>		<p><b>Knife</b> 145 x 52 x 26 mm 1 long groove countersunk</p> <p>HDS-No. 10232</p>



# CHIPPER AND PROFILER KNIVES

## Knives for EWD

### Design



PitchCut



GeoCut



ThermoCut



SteelCut

	<p><b>Knife</b> 145 x 52 x 26 mm 1 long groove countersunk 2 M6 threads in spine</p> <p>HDS-No. 10723</p>		<p><b>Knife</b> 153 x 40 x 14.5 mm 1 notch 1 M6 thread in spine</p> <p>HDS-No. 10058</p>
	<p><b>Knife</b> 289 x 115 x 12 mm 3 notches, 2 x M6 threads in spine, side bevel 48° / side slant 37°</p> <p>HDS-No. 10237</p>		<p><b>Knife</b> 289 x 115 x 12 mm 3 notches, 2 x M6 threads in spine, side bevel 29° / side slant 34°</p> <p>HDS-No. 10238</p>

## Knives for Linck

### Design



PitchCut



GeoCut



ThermoCut



SteelCut

	<p><b>Knife</b> 76 x 35 x 20 mm 1 x M6 thread in spine with 20 mm / 8° cant and 2 side slants</p> <p>HDS-No. 10044</p>		<p><b>Knife</b> 76 x 35 x 20 mm 1 M6 thread in spine with a cant of 20 mm / 8°, straight sides</p> <p>HDS-No. 10006</p>
	<p><b>Knife</b> 100 x 40 x 12 mm 1 notch 2 M6 threads in spine</p> <p>HDS-No. 10049</p>		<p><b>Knife</b> 100 x 50 x 10 mm 1 open long groove 2 open bores, both sides countersunk</p> <p>HDS-No. 10223</p>
	<p><b>Knife</b> 105 x 41 x 8 mm 1 long groove 1 M5 thread in spine</p> <p>HDS-No. 10007</p>		<p><b>Knife</b> 105 x 45/32.8 x 8 mm 2 side recesses 1 long groove 1 M5 thread in spine</p> <p>HDS-No. 10053</p>



# CHIPPER AND PROFILER KNIVES

## Knives for Linck

### Design



PitchCut



GeoCut



ThermoCut



SteelCut



left

	<p><b>Knife</b> 105 x 92 x 12 mm 1 notch 2 M6 threads in spine  HDS-No. 10005</p>		<p><b>Knife</b> 107 x 45 x 22.07/12 mm 1 notch 2 M6 threads in spine  HDS-No. 16043 L / 16044 R</p>
	<p><b>Knife</b> 120 x 95 x 10 mm 2 side recesses 2 open long grooves, 3 open bores, both sides countersunk HDS-No. 10056</p>		<p><b>Knife</b> 120 x 95 x 10 mm 2 side recesses 2 open long grooves 2 M5 thread in spine HDS-No. 10057</p>
	<p><b>Knife</b> 184 x 108 x 14 mm 2 notches 2 M6 threads in spine  HDS-No. 10059</p>		<p><b>Knife</b> 216 x 152 x 12 mm 3 notches 2 M6 threads in spine  HDS-No. 10696</p>
	<p><b>Knife</b> 270 x 152 x 12 mm 3 notches, 2 M6 threads in spine, side bevel 32° / side slant 31,26°  HDS-No. 10028</p>		<p><b>Knife</b> 270 x 152 x 12 mm 3 notches, 2 M6 threads in spine, side bevel 41° / side slant 31,26°  HDS-No. 10520</p>
	<p><b>Knife</b> 330 x 152 x 12 mm 3 notches 2 M6 threads in spine  HDS-No. 17179</p>		<p><b>HDS SoWa</b> With our "SoWa Sawmill Optimised Tool Design" we can supply any sawmill knife to drawing or sample.</p>

## Knives for SAB

### Design



PitchCut



GeoCut



ThermoCut



SteelCut



left

	<p><b>Knife</b> 80 x 38 x 13.6/8 mm 1 notch  HDS-No. 11911 L / 11912 R</p>		<p><b>Knife</b> 80 x 42 x 15.2/9 mm 1 notch 1 M6 thread  HDS-No. 10548 L / 10484 R</p>
	<p><b>Knife</b> 109 x 38 x 14/13 mm 1 long groove 1 M8 thread in spine  HDS-No. 10225</p>		<p><b>Knife</b> 109 x 44/38 x 14/13 mm 2 side recesses 1 long groove 1 M8 thread in spine HDS-No. 10226</p>



# CHIPPER AND PROFILER KNIVES

## Knives for Söderhamn

### Design



PitchCut



GeoCut



ThermoCut



SteelCut

left

	<p><b>Knife</b> 72 x 42 x 15.5/9.5 mm 1 notch 1 M6 thread in spine</p> <p>HDS-No. 11139 L / 11140 R</p>		<p><b>Knife</b> 75 x 29.9 x 9.5 mm 1 notch 1 M6 thread in spine</p> <p>HDS-No. 11136</p>
	<p><b>Knife</b> 90 x 24.8 x 10 mm 1 M6 thread in spine</p> <p>HDS-No. 12918</p>		

## Knives for Veisto Hew Saw

### Design



PitchCut



GeoCut



ThermoCut



SteelCut

left

	<p><b>Knife</b> 70 x 53 x 34/27.5 mm 1 M12 thread</p> <p>HDS-No. 10040 L / 10041 R</p>		<p><b>Knife</b> 82 x 25 x 10 mm 1 M6 thread in spine</p> <p>HDS-No. 10218</p>
	<p><b>Knife</b> 82 x 30 x 10 mm 1 M6 thread in spine</p> <p>HDS-No. 10500</p>		<p><b>Knife</b> 94.6 x 75/45 x 20/16 mm 1 M16 thread</p> <p>HDS-No. 10533 L / 10534 R</p>
	<p><b>Knife</b> 100.8 x 76.11/45 x 20/16 mm 1 M16 thread</p> <p>HDS-No. 10050 L / 10051 R</p>		<p><b>HDS SoWa</b> With our "SoWa Sawmill Optimised Tool Design" we can supply any sawmill knife to drawing or sample.</p>



# HOGGING AND COUNTER KNIVES

## Knives for Haas

### Design



PitchCut



GeoCut



ThermoCut



SteelCut

	<p><b>Hogging knife</b> 530 x 85 x 14 mm 2 M8 threads in spine</p> <p>HDS-No. 10476</p>		<p><b>Hogging knife</b> 630 x 85 x 14 mm 2 M8 threads in spine</p> <p>HDS-No. 10243</p>
	<p><b>Hogging knife</b> 630 x 120 x 20 mm 2 M8 threads in spine</p> <p>HDS-No. 10260</p>		<p><b>Counter knife</b> 680 x 100 x 20 mm</p> <p>HDS-No. 10371</p>
	<p><b>Hogging knife</b> 730 x 120 x 20 mm 2 M8 threads in spine</p> <p>HDS-No. 10263</p>		<p><b>Counter knife</b> 780 x 100 x 20 mm</p> <p>HDS-No. 10264</p>

## Knives for Klöckner

### Design



PitchCut



GeoCut



ThermoCut



SteelCut

	<p><b>Hogging knife</b> 430 x 85 x 14 mm 2 M8 threads in spine</p> <p>HDS-No. 10060</p>		<p><b>Hogging knife</b> 530 x 85 x 14 mm 2 M8 threads in spine</p> <p>HDS-No. 10791</p>
	<p><b>Hogging knife</b> 630 x 120 x 20 mm 2 M8 threads in spine</p> <p>HDS-No. 10062</p>		<p><b>Counter knife</b> 930 x 60 x 40 mm 12 bores, one side countersunk</p> <p>HDS-No. 10065</p>
	<p><b>Hogging knife</b> 930 x 210 x 20 mm 10 notches, 2 recesses, 2 M8 threads, 4 M8 threads in spine</p> <p>HDS-No. 10066</p>	 <p><b>HDS SoWa</b> SAWMILL OPTIMISED TOOL DESIGN</p>	<p><b>HDS SoWa</b> With our "SoWa Sawmill Optimised Tool Design" we can supply any sawmill knife to drawing or sample.</p>





# HOGGING AND COUNTER KNIVES

Knives for Pallmann

Design



PitchCut



GeoCut



ThermoCut



SteelCut

	<p><b>Hogging knife</b> 600 x 100 x 20 mm 6 long grooves 5 M10 threads in spine  HDS-No. 15347</p>		<p><b>Hogging knife</b> 665 x 295 x 25 mm 7 notches 2 recesses in spine 2 M12 threads in spine  HDS-No. 17455</p>
	<p><b>Hogging knife</b> 780 x 220 x 20 mm 9 notches 2 recesses in spine 2 M10 threads in spine  HDS-No. 11438</p>		<p><b>Hogging knife</b> 870 x 295 x 25 mm 9 notches 2 recesses in spine 2 M12 threads in spine  HDS-No. 13587</p>
	<p><b>Hogging knife</b> 930 x 220 x 20 mm 10 notches 2 recesses in spine 2 x M10 thread in spine  HDS-No. 10008</p>		<p><b>Hogging knife</b> 930 x 295 x 25 mm 10 notches 2 recesses in spine 2 M12 threads in spine  HDS-No. 14170</p>
	<p><b>Hogging knife</b> 1130 x 220 x 20 mm 12 notches 2 recesses in spine 2 M10 threads in spine  HDS-No. 11390</p>		<p><b>Hogging knife</b> 1530 x 220 x 25 mm 3 bores, one side countersunk 3 M16 threads in spine  HDS-No. 11065</p>



# HOGGING AND COUNTER KNIVES

Knives for Rudnick & Enners

Design



PitchCut



GeoCut



ThermoCut



SteelCut

	<p><b>Hogging knife</b> 220 x 220 x 20 mm 3 notches 2 M10 threads in spine  HDS-No. 12840</p>		<p><b>Hogging knife</b> 530 x 130 x 12 mm 6 notches 2 recesses in spine 2 M8 threads in spine  HDS-No. 11448</p>
	<p><b>Hogging knife</b> 630 x 130 x 12 mm 7 notches 2 recesses in spine 2 M8 threads in spine  HDS-No. 10027</p>		<p><b>Hogging knife</b> 630 x 160 x 15 mm 7 notches 2 recesses in spine 2 M10 threads in spine  HDS-No. 10009</p>
	<p><b>Hogging knife</b> 780 x 160 x 15 mm 9 notches 2 recesses in spine 2 M10 threads in spine  HDS-No. 10026</p>		<p><b>Hogging knife</b> 780 x 220 x 20 mm 9 notches 2 recesses in spine 2 M10 threads in spine  HDS-No. 10266</p>
	<p><b>Hogging knife</b> 930 x 220 x 20 mm 10 notches 2 recesses in spine 2 M10 threads in spine  HDS-No. 10067</p>		<p><b>Counter knife</b> 1020 x 80 x 15 mm   HDS-No. 10271</p>
	<p><b>Counter knife</b> 1040 x 120 x 20 mm   HDS-No. 10674</p>		<p><b>Counter knife</b> 1250 x 145 x 29 mm 12 long grooves   HDS-No. 10276</p>
	<p><b>Counter knife</b> 1450 x 145 x 29 mm 15 long grooves   HDS-No. 13424</p>		<p><b>HDS SoWa</b> With our "SoWa Sawmill Optimised Tool Design" we can supply any sawmill knife to drawing or sample.</p>





# HOGGING AND COUNTER KNIVES

Knives for Vecoplan

Design



PitchCut



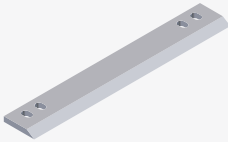
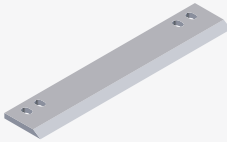

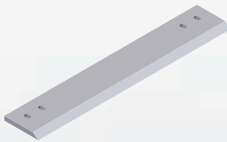




GeoCut



ThermoCut



SteelCut

	<p><b>Hogging knife</b> 580 x 90 x 14 mm 4 M8 threads in spine</p> <p>HDS-No. 11696</p>		<p><b>Hogging knife</b> 580 x 120 x 14 mm 4 M8 threads in spine</p> <p>HDS-No. 17458</p>
	<p><b>Counter knife</b> 585 x 25 x 5 mm</p> <p>HDS-No. 15340</p>		<p><b>Hogging knife</b> 680 x 120 x 14 mm 4 M8 threads in spine</p> <p>HDS-No. 13763</p>
	<p><b>Counter knife</b> 685 x 25 x 5 mm</p> <p>HDS-No. 12606</p>		<p><b>Hogging knife</b> 780 x 120 x 14 mm 2 M8 threads in spine</p> <p>HDS-No. 10265</p>
	<p><b>Hogging knife</b> 780 x 160 x 20 mm 4 M12 threads in spine</p> <p>HDS-No. 14364</p>		<p><b>Counter knife</b> 785 x 25 x 5 mm</p> <p>HDS-No. 12818</p>

## Made by HDS in Remscheid, Germany

HDS-Sawmill Tools are not only developed, designed and made in Germany, but in tool town, Remscheid. Precisely where Germany's cradle of the tool industry was, where world renowned quality tools have since been manufactured.

Here in Remscheid we have everything we need for our outstanding HDS quality: experienced workers, skilled specialists, high-quality suppliers and the know-how shaped and upheld by the tool tradition evolved over centuries which we feel bound to.

# FLAKER KNIVES

## Knives for Carmanah/Kadant

### Design



PitchCut



GeoCut



ThermoCut



SteelCut

	<p><b>Flaker knife</b> 725.49 x 82.55 x 6.38 mm 4 long grooves</p> <p>HDS-No. 10447</p>		<p><b>Counter knife</b> 725.49 x 63.5 x 7.95 mm 12 M6 threads</p> <p>HDS-No. 10448</p>
	<p><b>Flaker knife</b> 823.91 x 82.55 x 6.38 mm 4 long grooves</p> <p>HDS-No. 10979</p>		<p><b>HDS SoWa</b> With our "SoWa Sawmill Optimised Tool Design" we can supply any sawmill knife to drawing or sample.</p>

## Knives for Pallmann

### Design



PitchCut



GeoCut



ThermoCut



SteelCut

	<p><b>Flaker knife</b> 449 x 90 x 3 mm 3 notches 4 M8 threads</p> <p>HDS-No. 10472</p>		<p><b>Flaker knife</b> 449 x 90 x 5 mm 3 notches 4 M8 threads</p> <p>HDS-No. 11818</p>
	<p><b>Cleat</b> 490 x 48 x 10 mm 9 M12 threads</p> <p>HDS-No. 12901</p>		<p><b>Flaker knife</b> 501 x 90 x 4 mm 3 notches 4 M6 threads</p> <p>HDS-No. 14668</p>





# FLAKER KNIVES

Knives for Pallmann

Design



PitchCut



GeoCut



ThermoCut



SteelCut

	<p><b>Flaker knife</b> 501 x 90 x 5 mm 3 notches 4 M6 threads</p> <p>HDS-No. 13297</p>		<p><b>Flaker knife</b> 678 x 83 x 5 mm 1 side recess 8 M6 threads</p> <p>HDS-No. 10343</p>
	<p><b>Flaker knife</b> 728 x 80 x 5 mm 1 side recess 6 M6 threads</p> <p>HDS-No. 10244</p>		<p><b>Flaker knife</b> 803 x 81.5 x 5 mm 1 side recess 8 M6 threads</p> <p>HDS-No. 10092</p>
	<p><b>Flaker knife</b> 803 x 83 x 5 mm 1 side recess 8 M6 threads</p> <p>HDS-No. 10091</p>		

## SoWa Sawmill Optimised Tool Design

Just as you need it for your production, because it's just as it fits best! We design sawmill knives specifically to the conditions at your plant – or in other words: Our sawmill knives are “cut” specifically to your application.

Our “SoWa Sawmill Optimised Tool Design” allows us to supply cutting tools which leave nothing to be desired and define the standard in performance.

 **SoWa**  
SAWMILL OPTIMISED TOOL DESIGN

