

COMPONENTS / ASSEMBLIES

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DISTANCE RINGS

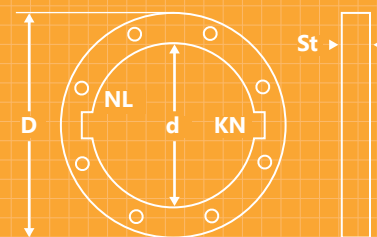
It's only as good as the sum of all parts

High-precision, very elaborately produced circular saw blades are optimal combined with distance rings of the same level quality. Only combining perfectly coordinated circular saws blades and distance rings will yield optimal efficiency.

And you will benefit long term, since we only use tempered steels or high-strength aluminium for our distance rings.

D Diameter . **d** Bore . **DKN** Double key way . **NL** Pin hole

KN Key way . **St** Thickness . **TK** Pitch circle



Dimensions: D x St x d

SoWa Sawmill Optimised Tool Design

We manufacture distance rings matched to your exact cutting programs and machine model (bore, key ways, pin holes etc.), ranging from 80 to 390 mm in diameter, 0.3 to 175.0 mm thick in 0.1 mm increments and a bore tolerance of + 0.05 to + 0.10 mm (upon request also H7). For ground sizing rings we guarantee the following tolerances: Gauge tolerance +/- 0.01 mm (< 1.0 mm +/- 0.03 mm), parallelism and levelness within 0.02 mm. Mostly aluminium rings are precision turned with gauge tolerance +/- 0.02 mm.



Distance rings

Design



	<p>Steel distance ring for Paul, Raimann ... 100 x 2.0 x 65 mm DKN 16 x 75 mm</p> <p>HDS-No. 17272</p>		<p>Steel distance ring for EWD BNK ... 190 x 5.0 x 140 mm DKN 16 x 149 mm 8 NL 9.5 mm TK 170 mm</p> <p>HDS-No. 17273</p>
	<p>Steel distance ring for Linck CSMK 285 ... 190 x 50.0 x 145 mm DKN 20.5 x 155 mm 8 NL 12.5 mm TK 165 mm</p> <p>HDS-No. 17274</p>		<p>Steel distance ring for Linck MKV, SAB DWS 300 ... 190 x 0.5 x 150 mm DKN 36.5 x 168 mm</p> <p>HDS-No. 10813</p>
	<p>Steel distance ring for Linck MKV, SAB DWS 300 ... 190 x 5.0 x 150 mm DKN 36.5 x 168 mm</p> <p>HDS-No. 10776</p>		<p>Steel distance ring for Linck MKV, SAB DWS 300 ... 190 x 100.0 x 150 mm DKN 36.5 x 168 mm</p> <p>HDS-No. 14353</p>
	<p>Steel distance ring for Linck CSMK 325 ... 205 x 40.5 x 155 mm DKN 20.5 x 170 mm 8 NL 12.5 mm TK 180 mm</p> <p>HDS-No. 17275</p>		<p>Steel distance ring for Linck HKM 360 ... 205 x 20.0 x 160 mm DKN 20.5 x 170 mm 8 NL 12.5 mm TK 180 mm</p> <p>HDS-No. 17276</p>



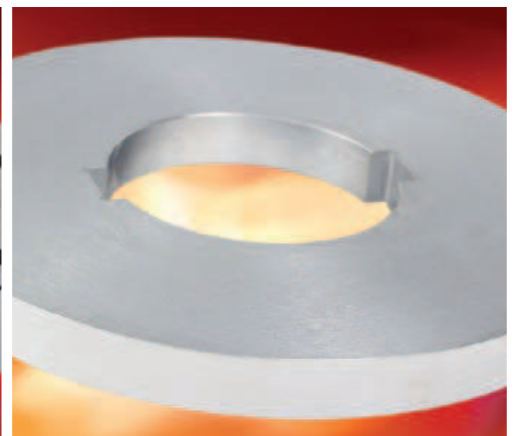
DISTANCE RINGS

Distance rings

Design



	<p>Steel distance ring for Linck CSMK 375 ... 220 x 3.6 x 170 mm DKN 20.5 x 180 mm 12 NL 12.5 mm TK 195 mm</p> <p>HDS-No. 17277</p>		<p>Steel distance ring for Linck CSMK 425 ... 220 x 36.5 x 170 mm DKN 20.5 x 180 mm 12 NL 14.5 mm TK 192 mm</p> <p>HDS-No. 17278</p>
	<p>Aluminium distance ring for Linck MKV ... 270 x 55.2 x 150 mm DKN 36.5 x 168 mm</p> <p>HDS-No. 17279</p>		<p>Aluminium distance ring for Linck CSMK 375 ... 290 x 40.2 x 170 mm 2+2 KN 20.5 x 181 mm 6 NL 12.5 mm TK 195 mm 12 NL 12.5 mm TK 256 mm</p> <p>HDS-No. 17280</p>
	<p>Aluminium distance ring for Linck MKV ... 320 x 23.7 x 150 mm DKN 36.5 x 168 mm both sides excluded</p> <p>HDS-No. 17029</p>		<p>Steel distance ring for Linck MKV ... 350 x 0.5 x 150 mm DKN 36.5 x 168 mm</p> <p>HDS-No. 12527</p>
	<p>Steel distance ring for Linck MKV ... 350 x 70.2 x 150 mm DKN 36.5 x 168 mm</p> <p>HDS-No. 17281</p>		<p>Aluminium distance ring for Linck CSMK 375 ... 375 x 23.0 x 170 mm, 2+2 KN 20.5 x 181 mm, 12 NL 12.5 mm TK 195 mm, 12 NL 12.5 mm TK 339 mm, one side countersunk</p> <p>HDS-No. 17282</p>
	<p>Aluminium distance ring for Linck CSMK 375 ... 375 x 54.9 x 170 mm 2+2 KN 20.5 x 181 mm 12 NL 12.5 mm TK 195 mm 12 NL 12.5 mm TK 339 mm</p> <p>HDS-No. 17283</p>		<p>Steel distance ring for Linck MKV ... 390 x 30.5 x 150 mm DKN 36.5 x 168 mm</p> <p>HDS-No. 17284</p>



SYSTEM COMPONENTS

Quality across all components

Those who prefer premium products doesn't need to pass on the decades of experience HDS-Group has to offer with regard to complementary system components. Experience which is reflected in extremely durable and steady machine parts of the highest international industry standard. We therefore manufacture all machine components from high-strength speciality steels using state-of-the-art 5 axis CNC machines in a reproducible quality.

Here you will find select HDS system components for chippers and cutters from our product line. Please contact us if your machine manufacturer or the tool component is not listed.

SoWa Sawmill Optimised Tool Design

Our product line includes all system components associated with sawmill tools, ranging from knife-, sizing ring- and segment carriers to pressure plates, chip breakers and chip deflectors all the way to feed plates and feed sheets, sawmill tools.

Just as with all HDS products, you will also benefit from our "SoWa Sawmill Optimised Tool Design" in system components. We therefore not only deliver outstanding material and manufacturing quality in our system components, but their construction and functionality are also optimised.



System components for chipper canters

Side L left and/or R right

	<p>Smoothing knife carrier 300 x 151 x 53 mm for knife holder, dual (10017L/10018R)</p> <p>HDS-No. 17423 L HDS-No. 17422 R</p>		<p>Knife carrier adapter 275 x 133 x 41 mm</p> <p>HDS-No. 10167 L HDS-No. 10168 R</p>
	<p>Chip arrester 72 x 65 x 41 mm</p> <p>HDS-No. 22381 L HDS-No. 22382 R</p>		<p>Sizing ring carrier 804 x 15 x 695 mm 18 countersunk holes 36 threaded holes 6 fit holes</p> <p>HDS-No. 10483 L HDS-No. 10482 R</p>
	<p>Hogging and smoothing knife carrier 160 x 143 x 124 mm, for 105 x 92 x 12 mm knife and knife holder, single (10138L/10139R)</p> <p>HDS-No. 10152 L HDS-No. 10153 R</p>		<p>Hogging and smoothing knife carrier 160 x 141 x 122 mm for 105 x 92 x 12 mm knife and 100 x 40 x 12 mm</p> <p>HDS-No. 10150 L HDS-No. 10151 R</p>

Usually approx. dimensions



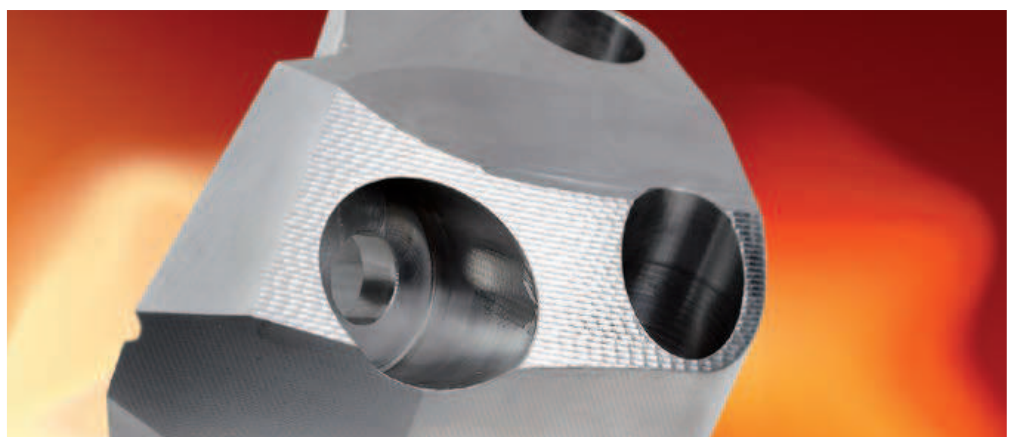
SYSTEM COMPONENTS

System components for chipper canters

Side left and/or right



	<p>Hogging and smoothing knife carrier 160 x 169 x 122 mm for 105 x 92 x 12 mm knife and 100 x 40 x 12 mm HDS-No. 22574 L HDS-No. 22575 R</p>		<p>Knife holder 155 x 129 x 110 mm for 105 x 92 x 12 mm knife HDS-No. 10148 L HDS-No. 10149 R</p>
	<p>Knife holder 155 x 160 x 125 mm for 105 x 92 x 12 mm knife HDS-No. 17659 L HDS-No. 17660 R</p>		<p>Knife holder 159 x 130 x 92 mm for 105 x 92 x 12 mm knife HDS-No. 23970 L HDS-No. 23969 R</p>
	<p>Knife holder 199 x 164 x 165 mm for 184 x 108 x 14 mm knife HDS-No. 10155 L HDS-No. 10156 R</p>		<p>HDS SoWa Using our "SoWa Sawmill Optimised Tool Design" we are able to manufacture your machine parts to drawing or sample in outstanding HDS quality.</p>
	<p>Knife holder, dual 99 x 89 x 61 mm for 76 x 35 x 20 mm knife HDS-No. 10017 L HDS-No. 10018 R</p>		<p>Knife holder, single 64 x 56 x 48 mm for 76 x 35 x 20 mm knife HDS-No. 10138 L HDS-No. 10139 R</p>
	<p>Knife holder, symmetrical 107 x 68 x 31 mm for knife 105 x 68/55 x 8 mm, only in first stage with knife holder carrier (26354L/26355R) HDS-No. 22604</p>		<p>Pressure plate, symmetrical 107 x 68 x 28 mm for 105 x 68/55 x 8 mm knife HDS-No. 22603</p>

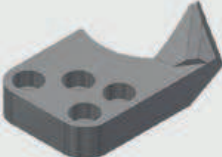
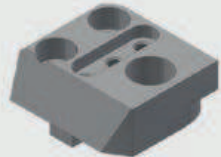
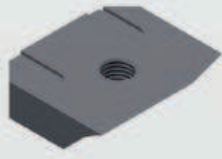

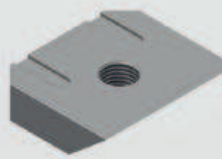
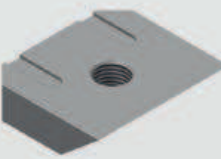

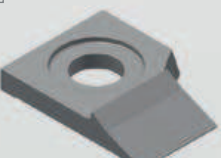
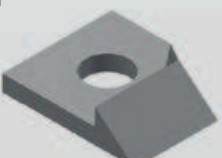
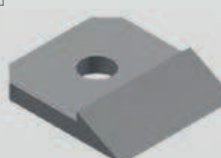
Usually approx. dimensions



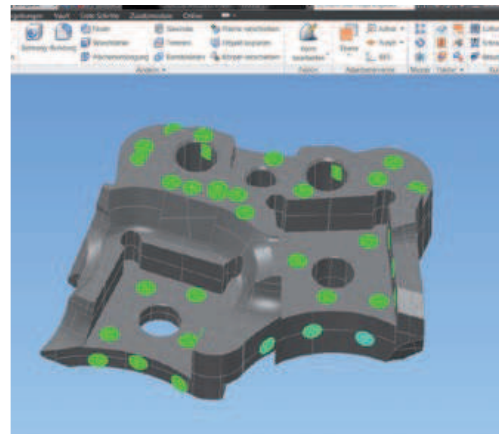
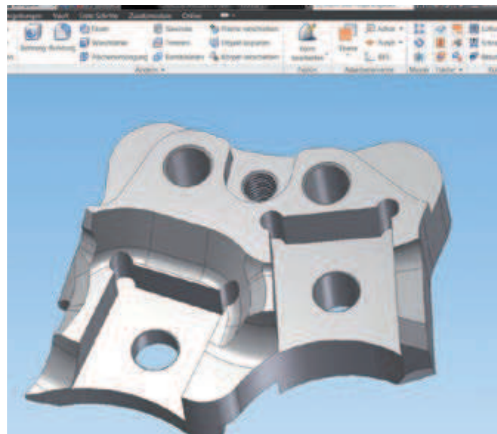
SYSTEM COMPONENTS

System components for chipper canters

Side  left and/or  right

	<p>Chip arrester 93 x 59 x 34/17 mm</p> <p>HDS-No. 22605 L HDS-No. 22606 R</p>		<p>Knife holder carrier 88 x 77 x 41 mm for first stage with knife holder, symmetrical (22604)</p> <p>HDS-No. 26354 L HDS-No. 26355 R</p>
	<p>Pressure plate with hollow bevel 92 x 80 x 22 mm for 105 x 92 x 12 mm knife</p> <p>HDS-No. 10097 L HDS-No. 10098 R</p>		<p>Pressure plate with side bevel 79 x 39 x 22 mm for 100 x 40 x 12 mm knife</p> <p>HDS-No. 10140 L HDS-No. 10141 R</p>
	<p>Pressure plate with side bevel 92 x 80 x 22 mm for 105 x 92 x 12 mm knife</p> <p>HDS-No. 10144 L HDS-No. 10145 R</p>		<p>Pressure plate, symmetrical 92 x 80 x 22 mm for 105 x 92 x 12 mm knife</p> <p>HDS-No. 10099</p>
	<p>Pressure plate, symmetrical 184 x 84 x 20 mm for 184 x 108 x 14 mm knife</p> <p>HDS-No. 10154</p>		<p>Chip breaker 47 x 34 x 8/6 mm 1 bore 13.5 mm flat countersunk</p> <p>HDS-No. 10106 L HDS-No. 10107 R</p>
	<p>Chip breaker 50 x 41 x 12/6 mm 1 bore 15 mm</p> <p>HDS-No. 11875 L HDS-No. 11876 R</p>		<p>Chip breaker, symmetrical 79 x 69 x 14/9 mm 1 bore 18 mm</p> <p>HDS-No. 10722</p>



Usually approx. dimensions





SYSTEM COMPONENTS

System components for chipper canters

Side  left and/or  right

	<p>Chip deflector for sizing ring carrier 70 x 17/13 x 25/16 mm</p> <p>HDS-No. 12228 L HDS-No. 12227 R</p>		<p>Chip deflector for sizing ring carrier 70 x 17/14 x 25/13 mm</p> <p>HDS-No. 10104 L HDS-No. 10105 R</p>
	<p>Chip deflector for sizing ring carrier 71 x 17/14 x 25/16 mm</p> <p>HDS-No. 11279 L HDS-No. 11280 R</p>		<p>Buffer sheet, long 279 x 67 x 16 mm</p> <p>HDS-No. 10159 L HDS-No. 10160 R</p>
	<p>Buffer sheet, short 161 x 63 x 16 mm</p> <p>HDS-No. 10100 L HDS-No. 10101 R</p>		<p>Filler piece 60 x 11 x 24/14 mm for knife holder, dual (10017L/10018R)</p> <p>HDS-No. 10136 L HDS-No. 10137 R</p>
	<p>Buffer plate 40 x 35 x 17.8 mm</p> <p>HDS-No. 10134 L HDS-No. 10135 R</p>	 <p>HDS SoWa Using our "SoWa Sawmill Optimised Tool Design" we are able to manufacture your machine parts to drawing or sample in outstanding HDS quality.</p>	
	<p>Knife holder part 1/2 72 x 37 x 36 mm for 82 x 25 x 10 mm knife</p> <p>HDS-No. 10811 L HDS-No. 10809 R</p>		<p>Knife holder part 2/2 61 x 36 x 22 mm for 82 x 25 x 10 mm knife</p> <p>HDS-No. 10812 L HDS-No. 10810 R</p>
	<p>Knife holder part 1/2 64 x 41 x 40 mm for 82 x 30 x 10 mm knife</p> <p>HDS-No. 23744 L HDS-No. 23745 R</p>		<p>Knife holder part 2/2 60 x 39 x 25 mm for 82 x 30 x 10 mm knife</p> <p>HDS-No. 23741 L HDS-No. 23742 R</p>
	<p>Knife holder part 1/2 66 x 63 x 40 mm for 82 x 30 x 10 mm knife</p> <p>HDS-No. 20810 L HDS-No. 20808 R</p>		<p>Knife holder part 2/2 63 x 28 x 22 mm for 82 x 30 x 10 mm knife</p> <p>HDS-No. 20811 L HDS-No. 20809 R</p>

Usually approx. dimensions

EXERPT SYSTEM COMPONENTS FOR CHIPPER CANTERS

SYSTEM COMPONENTS

System components for profiler cutters

 top right /  bottom left and/or  bottom right /  top left

 <p> </p>	<p>Segment carrier 178 x 54 x 18 mm</p> <p>HDS-No. 10102 RU/LO HDS-No. 10103 RO/LU</p>	 <p> </p>	<p>Segment carrier 382 x 382 x 25 mm, for knife holder, 3-stage, 10131 RU/LO, 10132 RO/LU or 21003 RU/LO, 21002 RO/LU</p> <p>HDS-No. 10129 RU/LO HDS-No. 10130 RO/LU</p>
 <p> </p>	<p>Segment / knife carrier 411 x 411 x 50 mm for 76 x 35 x 20 mm knife</p> <p>HDS-No. 10128 RU/LO HDS-No. 10127 RO/LU</p>	 <p> </p>	<p>Knife holder, 3-stage 137 x 125 x 81 mm, for 76 x 35 x 20 mm knife, for segment carrier 10129 RU/LO or 10130 RO/LU</p> <p>HDS-No. 10131 RU/LO HDS-No. 10132 RO/LU</p>
 <p> </p>	<p>Knife holder, 3-stage 137 x 125 x 81 mm, for 76 x 35 x 20 mm knife, for segment carrier 10129 RU/LO or 10130 RO/LU</p> <p>HDS-No. 21003 RU/LO HDS-No. 21002 RO/LU</p>	 <p> </p>	<p>Knife holder, 5-stage 183 x 175 x 78 mm for 76 x 35 x 20 mm knife</p> <p>HDS-No. 23964 RU/LO HDS-No. 23965 RO/LU</p>
 <p> </p>	<p>Knife holder with side bevel 89 x 41 x 27 mm for 105 x 41 x 8 mm knife</p> <p>HDS-No. 10142 RU/LO HDS-No. 10143 RO/LU</p>	 <p> </p>	<p>Pressure plate, symmetrical 97 x 41 x 30 mm for 105 x 41 x 8 mm knife</p> <p>HDS-No. 10146</p>
 <p> </p>	<p>Knife holder, symmetrical 106 x 43 x 51 mm for 105 x 45/32.8 x 8 mm knife</p> <p>HDS-No. 26387</p>	 <p> </p>	<p>Pressure plate, symmetrical 109 x 43 x 28 mm for 105 x 45/32.8 x 8 mm knife</p> <p>HDS-No. 15572</p>
 <p> </p>	<p>Knife holder 107 x 44/38 x 51 mm for 105 x 45/32.8 x 8 mm knife</p> <p>HDS-No. 15642 RU/LO HDS-No. 23599 RO/LU</p>	 <p> </p>	<p>Pressure plate 109 x 41 x 27 mm for 105 x 45/32.8 x 8 mm knife</p> <p>HDS-No. 15574 RU/LO HDS-No. 15573 RO/LU</p>
 <p> </p>	<p>Knife holder, symmetrical 107 x 43 x 35 mm for 105 x 45/32.8 x 8 mm knife</p> <p>HDS-No. 27540</p>	 <p> </p>	<p>Pressure plate, symmetrical 108 x 43 x 28 mm for 105 x 45/32.8 x 8 mm knife</p> <p>HDS-No. 27539</p>

Usually approx. dimensions



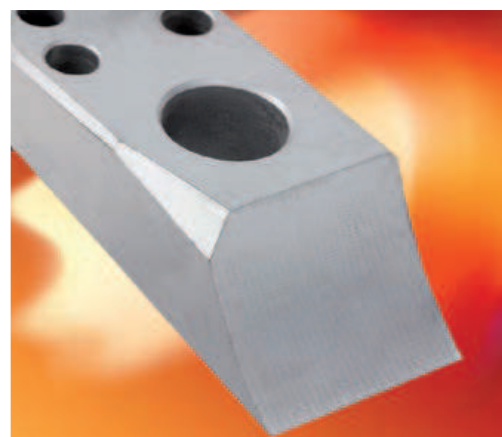
SYSTEM COMPONENTS

System components for profiler cutters

top right / bottom left and/or bottom right / top left

 <p> </p>	<p>Knife holder 107 x 44/38 x 35 mm for 105 x 45/32.8 x 8 mm knife</p> <p>HDS-No. 24350 RU/LO HDS-No. 24151 RO/LU</p>	 <p> </p>	<p>Pressure plate 109 x 41 x 27 mm for 105 x 45/32.8 x 8 mm knife</p> <p>HDS-No. 24352 RU/LO HDS-No. 24353 RO/LU</p>
 <p> </p>	<p>Knife holder, symmetrical 107 x 43 x 31 mm for 105 x 45/32.8 x 8 mm knife</p> <p>HDS-No. 24444</p>	 <p> </p>	<p>Pressure plate, symmetrical 103 x 43 x 27 mm for 105 x 45/32.8 x 8 mm knife</p> <p>HDS-No. 24445</p>
 <p> </p>	<p>Knife holder 106 x 44/38 x 31 mm for 105 x 45/32.8 x 8 mm knife</p> <p>HDS-No. 24441 RU/LO HDS-No. 24440 RO/LU</p>	 <p> </p>	<p>Pressure plate 104 x 41 x 28 mm for 105 x 45/32.8 x 8 mm knife</p> <p>HDS-No. 24442 RU/LO HDS-No. 24443 RO/LU</p>
 <p> </p>	<p>Pressure plate, symmetrical 120/110 x 85 x 18/16 mm for 120 x 95 x 10 mm knife</p> <p>HDS-No. 10147</p>	 <p>HDS SoWa SAWMILL OPTIMISED TOOL DESIGN</p> <p>Using our "SoWa Sawmill Optimised Tool Design" we are able to manufacture your machine parts to drawing or sample in outstanding HDS quality.</p>	
 <p> </p>	<p>Knife holder, first stage 59 x 43 x 42 mm for 62.4 x 47.3/34.5 x 13.7 mm knife</p> <p>HDS-No. 12058 RU/LO HDS-No. 12059 RO/LU</p>	 <p> </p>	<p>Knife holder, from second stage 59 x 39 x 42 mm with T-slotted base plate for 62.4 x 44.5 x 13.7 mm knife</p> <p>HDS-No. 12060 RU/LO HDS-No. 23529 RO/LU</p>

Usually approx. dimensions



SPINCUT MILLING SHAFT BUTT END REDUCER

Reduce with tried and tested SPINCUT stability

Leading machine manufacturers already trust in our tried and tested SPINCUT milling shaft butt end reducer for their original equipment. Of course we design and manufacture the shaft for reducers by all well-known manufacturers. Depending on the application we can modify the diameter, shaft length, chip limiter, knife count and knife type accordingly to provide you with the SPINCUT milling shaft butt end reducer in the precise style optimised for you.

In addition, we can also design a style with labyrinth for the bearing seal.

In the field the SPINCUT reducer shaft has demonstrated a particularly high stability. This is particularly due to the tool steel HDS uses and of course the quality of the tried and tested milling shaft butt end reducer available in several styles.

The HDS plus factors of SPINCUT

+ Robust tool steel construction

The SPINCUT milling shaft butt end reducer is turned and milled from tool steel. This makes the shaft particularly durable. The modern CNC production at HDS ensures outstanding production precision.

+ Left or right rotation

SPINCUT is made for left or right rotation with a length up to 2 metres. It can therefore be used with all reducers by leading manufacturers such as Baljer & Zembrod, Bruks, Hombak, Springer, TC-Maschinenbau, etc.

+ Optional knife optimisation

SPINCUT cutting tools can be customised for use with your reducer. We can for example modify the geometry of the knives. In addition, we offer milling shaft butt end reducers with pulling cut or high-quality TCT knives.

+ Interchangeable chip limiters

For different chip sizes the SPINCUT milling shaft butt end reducer is also available with interchangeable chip limiters.

SoWa Sawmill Optimised Tool Design

Even our SPINCUT milling shaft butt end reducers, CANTERCUT chipper canters and PROFILCUT profiler cutters, just as all other HDS products, are designed and manufactured according to our "SoWA Sawmill Optimised Tool Design" concept.

You will therefore receive sawmill tools in exactly the style for your precise application at your sawmill, thus yielding optimum efficiency.


SAWMILL OPTIMISED TOOL DESIGN





CANTERCUT CHIPPER CANTER

First class chipping with CANTERCUT

Our CANTERCUT chipper canters feature up to 8 stages depending on the width to be chipped, with the number of knives per stage varying by feed rate, speed and the desired wood chip length. Mounted guides are available for the optimal wood feed.

Depending on your needs, HDS chipper canters may be equipped with sizing rings or smoothing knives. This allows it to respond to different requirements with respect to the cutting surface and

wood chips. Optimised, large chip ejection openings ensure gentle wood chip ejection. For easy mounting all wear parts can be replaced with the chipper canter mounted. Depending on requirements all CANTERCUT chipper canters mass can be reduced (high dynamics) or increased (smooth operation with flywheel mass).

The HDS plus factors of CANTERCUT

+ Robust tool steel construction

The CANTERCUT chipper canter is milled from tool steel with the usual precision. This ensures low wear and prevents damage. The particularly robust CANTERCUT is therefore already designed for a long tool life.

+ Modular design

All HDS chipper canters have a modular design. The basic construction of the CANTERCUT can easily be modified to fit various manufacturers. In the field, CANTERCUT can be seen in chippers of leading manufacturers such as Linck, EWD, SAB, Söderhamn, Veisto Hew Saw, Prechtl, etc.

+ High resharpener section and long knife life

HDS knives are used in the tried and tested quality with a long service life. In addition, the construction provides a large resharpener section to extend the life of the knives.

+ Quick set-up times

CANTERCUT chippers feature easy replacement of all wear parts and quick tool change. For example the knife holders, among other things, can be replaced individually. Optimised screws guarantee all connections can quickly be undone.

+ Consistently high wood chip quality

The structural tool arrangement allows CANTERCUT to deliver a consistently high wood chip quality.

+ Rough and fine cut type

CANTERCUT chipper canters are available in rough and fine cut styles.

+ Optional knife optimisation

The geometry of the smoothing knives, the knife steel quality or the style sizing ring used can be adapted to the specific application at the sawmill.



CANTERCUT CHIPPER CANTER

Chipper canter



CANTERCUT Compact 480

Design

Outer diameter	480 mm
Sizing ring diameter	480 mm
Chip removal depth	115 mm
2-edged / 7-stage	

+ The compact design allow the wood to be guided very close to the chipper canter.



CANTERCUT Compact 550 / I

Design

Outer diameter	547 mm
Sizing ring diameter	345 mm
Chip removal depth	105 mm
2-edged / 6-stage	

Original manufacturer dimension

+ By changing the guide plate and the two 2-part knife holders you can also use these chipper canter 2-edged / 8-stage without a sizing ring.

Guide plate for 8 stages



CANTERCUT Compact 550 / II

Design

Outer diameter	553 mm
Sizing ring diameter	345 mm
Chip removal depth	120 mm
2-edged / 7-stage	

+ For the highly stressed area around the stages 1 and 2 in these modified version replaceable dual knife holders are used.

Knife holder, dual



CANTERCUT CHIPPER CANTER

Chipper canter



CANTERCUT Compact 580

Design

Outer diameter	580 mm
Sizing ring diameter	490 mm
Chip removal depth	120 mm
3-edged / 2-stage	

Original manufacturer dimension



CANTERCUT 875

Design

Outer diameter	875 mm
Sizing ring diameter	465 mm
Chip removal depth	140 mm
3-edged / 2-stage	

+ The CANTERCUT 875 chipper canter can be used for rough and fine cuts.



CANTERCUT 880 / I

Design

Outer diameter	882 mm
Using without sizing ring	
Chip removal depth	200 mm
3-edged / 13-stage	

Original manufacturer dimension

+ The highly stressed dual knife holders for knives in stage 1 + 2 can simply be replaced when attrited.

Knife holder, dual

CANTERCUT CHIPPER CANTER

Chipper canter



CANTERCUT 880 / II

Design

Outer diameter	882 mm
Sizing ring diameter	460 mm
Chip removal depth	190 mm
	3-edged / 11-stage

Original manufacturer dimension

+ By changing the knife holders with knife holder adapters and using 2-part knife holders for sizing knives and an other guide plate you can also use the CANTERCUT 880 / I for working with a sizing ring as CANTERCUT 880 / II.

Knife carrier adapter



CANTERCUT 880 / III

Design

Outer diameter	882 mm
Sizing ring diameter	460 mm
Chip removal depth	190 mm
	3-edged / 11-stage

+ For the highly stressed area around the stages 1 and 2 of the CANTERCUT 880 / II by the CANTERCUT 880 / III optimising a replaceable dual knife holder is used.

Knife holder, dual



CANTERCUT 950

Design

Outer diameter	950 mm
Sizing ring diameter 3-teilig	566 mm
Chip removal depth	180 mm
	3-edged / 2-stage



CANTERCUT CHIPPER CANTER

Chipper canter



CANTERCUT 960 / I

Design

Outer diameter	960 mm
Sizing ring diameter	630 mm
Chip removal depth	165 mm
2-edged / 3-stage	

+ The CANTERCUT 960 / I delivers a high chip removal depth and features a particularly high flywheel mass.



CANTERCUT 960 / II

Design

Outer diameter	967 mm
Sizing ring diameter	620 mm
Chip removal depth	150 mm
3-edged / 4-stage	

+ To extend the chip removal depth by the CANTERCUT 960 / II two more stages exteriors are integrated.



CANTERCUT 1200

Design

Outer diameter	1220 mm
Sizing ring diameter	850 mm
Chip removal depth	160 mm
4-edged / 2-stage	

+ The particularly large chipper canter can also be construct each stage 6-edged.

PROFILCUT PROFILER CUTTER

High-quality wood chips with an almost tear-free wood surface

HDS designs and manufactures profiler cutters for machines by leading manufacturers such as Linck, EWD, Veisto Hew Saw and Prechtl. We supply standard replacement cutters as well as PROFILCUT profiler cutters with an optimised shape and function. Here the focus is on achieving a virtually to even completely tear-free wood surface. In addition, we focus on an equal structure on the left and right, long service lives, replaceable knife holders, as well as a quick knife change.

The modular construction yields cutting widths of up to 200 mm per cutter head. Depending on the desired wood chip size, feet rate and blade diameter, PROFILCUT can hold up to 8 knives.

We can even manufacture special purely tungsten carbide tipped cutter heads which only product wood shavings.

+ Optimised geometries

The enhanced shape yields an optimal wood surface which is virtually tear-free.

+ Modular design

The modular design of PROFILCUT allows it to easily be modified to profiler machines of different manufacturers.

+ High sharpening section and long knife life

HDS knives are used in the tried and tested quality with a long service life. In addition, the construction allows for a large sharpening section.

+ Quick set-up times

PROFILCUT features simple replacement of all wear parts and quick tool change. The knife holders can be replaced individually, with the right and left usually being identical.

+ Demand-oriented optimisation

The following options are available for PROFILCUT: Knife geometries and knife steel qualities matched to the application, optimised sizing ring kerf and varied sawdust-wood chip ratio.

Profiler cutter



PROFILCUT 310

Design

2-edged / 4-stage
 Segment diameter 310 mm
 Profiling depth 180 mm
 4 Cutter discs 2-edged

+ All parts are symmetrically and thus can be used bottom right / top left and top right / bottom left.



PROFILCUT 401

Design

3-edged / 4-stage
 Segment diameter 401 mm
 Profiling depth 125 mm
 1 Cutter head 3-edged

Original manufacturer dimension



PROFILCUT PROFILER CUTTER

Profiler cutter

	<p>PROFILCUT 403</p> <p>Design 2-edged / 2-stage Segment diameter 403 mm Profiling depth 90 mm 2 Cutter discs 2-edged</p>
	<p>PROFILCUT 411</p> <p>Design 3-edged / 1-stage Segment diameter 411 mm Profiling depth 35 mm 1 Cutter disc 3-edged</p> <p>Original manufacturer dimension</p>
	<p>PROFILCUT 414</p> <p>Design 3-edged / 3-stage Segment diameter 414 mm Profiling depth 100 mm 1 Cutter head 3-edged</p> <p>Original manufacturer dimension</p>
	<p>PROFILCUT 415</p> <p>Design 3-edged / 3-stage Segment diameter 415 mm Profiling depth 130 mm 3 Cutter discs 3-edged Original manufacturer dimension</p> <p>+ By applying of 3 further knife holders and pressure plates instead of the knife holder adapters the PROFILCUT 415 can be used 6-edged.</p>
	<p>PROFILCUT 497</p> <p>Design 4-edged / 4-stage Segment diameter 497 mm Profiling depth 135 mm 1 Cutter head 4-edged</p> <p>Original manufacturer dimension</p>