



Band saw blades
for wood, food, and metal



WINTERSTEIGER Sägen GmbH, Arnstadt, Germany

Intelligent success is sustainable success – and something that requires forward-thinking.

All of our developments are distinguished by a holistic, well thought-out, and sustainable approach to the future. For example, our factory in Arnstadt was extended to 6,800 m² in 2018 and equipped with state-of-the-art machinery. 65 employees manufacture band saw blades with blade widths of between 6 and 260 mm – including around 5 million meters of resaw and log band saw blades per year. Our customers also receive a comprehensive full service of their band saw blades. 5 automated straightening centers and 60 CNC grinding machines ensure perfectly levelled and sharpened band saw blades – we even pick them up and deliver them back to the customer after they have been serviced.

The band saw blades, which are designed and optimized for specific applications, guarantee the best results with maximum quality and cost-effectiveness.



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WINTERSTEIGER
Thinking about tomorrow.

Select or Prime?

The saw

sets the tone!

Select & **Prime** saw blades are specially optimized for their specific application and the material to be cut, providing our customers with optimum results cost-effectively and with extremely high quality.

Our qualities.

Select	Prime
German high-grade stainless steel	Uddeholm steel UHB 15
41 to 43 HRC strip steel hardness	44 to 46 HRC strip steel hardness
Best price-performance ratio	Outstanding operating and cutting performance, precision and durability
From softwoods through to even the hardest types of wood	For the most demanding wood processing applications, from softwoods through to even the hardest types of wood

Qualities and types.

HM – hard metal ¹

Hard metals are sintered carbide hard metals. Hard metal band saw blades are suitable for extremely hard woods, tropical woods, and wood grown in very sandy soil.



Stellite® ²

Stellite® is an alloy of cobalt, chrome, and tungsten. Stellite-tipped saws are particularly well-suited to processing all types of softwoods, hardwoods, and European deciduous woods, and offer a substantially longer service life than bare saws.



Upset-forged ³

Upset-forged band saw blades have harder tooth tips as a result of the forging process. This gives the blades a longer service life than band saw blades with teeth that have been set.



X-Cut ⁴

- Tooth tips hardened to 60 – 62 HRC, offset in pairs, sharpened
- Every third tooth is Stellite-tipped
- No resetting necessary
- Maximum performance thanks to minimal cutting pressure



Bimetal M42 ⁵

- Strip made from quenched and tempered alloyed steel with optimum continuous operation characteristics
- Used to cut metallic objects



Flex-Back / tool steel ⁶

- Saw blade with hardened tooth tips and flexible blade back
- Toothed, set, and ground
- Tooth tips hardened to 60 - 62 HRC and blade back straightened
- Long service life, even when used with hard materials
- Flexibility and tooth shape counteract the risk of fracture



Hardened tooth tips ⁷

- Toothed, set, and ground
- Tooth tips hardened to 60 – 62 HRC and blade back straightened



Ready to saw ⁸

- Toothed, set, and ground

Toothed/set ⁹

- Semi-finished products for further processing

Toothed ¹⁰

- Semi-finished products for further processing



Our broad product portfolio.

WINTERSTEIGER saw blades are optimized for specific applications and the material to be cut, providing our customers with optimum results cost-effectively and with extremely high quality. From selecting the raw material to the planning, execution, and inspection of the production process and dispatching the finished product, our highly-qualified employees take great care to ensure consistently outstanding quality.

Customer satisfaction is at the core of our quality policy. A strong focus on quality is therefore an integral part of the way we run the business and characterizes all areas of the company.



■ Joiner saws

For all types of cutting in the narrow range;
blade widths of 6 to 50 mm



■ Narrow band saws

For use in the sawmill;
blade widths of 27 to 55 mm



■ Resaw and log band saws

For use in the sawmill;
blade widths of 50 to 260 mm



■ Food saws

For use in the food industry, such as cutting fresh meat with bones, frozen meat, fish, and vegetables;
blade widths of 16 to 25 mm



■ Metal saws

For a variety of applications that involve cutting metals (tubes, profiles, shafts);
blade widths of 6 to 41 mm





Joiner saws.

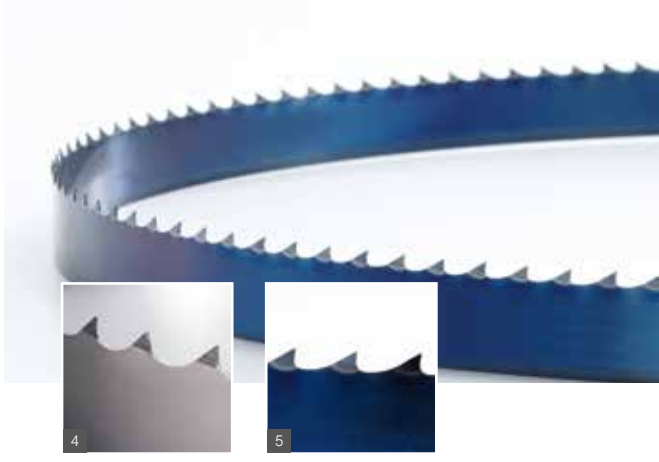
For all types of cutting in the narrow range;
blade widths of 6 to 50 mm

Quality.

Select
German high-grade stainless steel
41 to 43 HRC strip steel hardness
Best price-performance ratio
From softwoods through to even the hardest types of wood

Types.

Toothed	Toothed/set	Ready to saw	Hardened tooth tips	Flex-Back
1	2	3	4	5
 NV			 WM	
Setting: left-right			left-right-straight	



Saws available starting at **100 mm/dimension** or 3 units endless/dimension.

Standard product range.



Coil in running meters



Continuous saw blade in finished length

				Types	
				Ready to saw (NV)	Flex-Back (WM)
Blade width [mm]	Blade thickness [mm]	Blade width [inch]	Blade thickness [inch]	Pitches [mm]	Pitches [ZpZ] o. [TPI]
6	0.36	¼	0.013	-	6. 14
6	0.50	¼	0.019	-	6
6	0.60	¼	0.023	-	4. 6. 14
8	0.65	5/16	0.025	-	4. 6
10	0.36	3/8	0.013	-	6
10	0.40	3/8	0.015	4. 6	4. 6
10	0.50	3/8	0.019	6	4. 6
10	0.60	3/8	0.023	6	4. 6
10	0.70	3/8	0.027	6	4
12	0.50	½	0.019	6	4
12	0.60	½	0.023	6	4
12	0.70	½	0.027	6	4
16	0.40	5/8	0.015	5	-
16	0.50	5/8	0.019	6	4
16	0.60	5/8	0.023	6. 7	3
16	0.65	5/8	0.025	-	3
16	0.70	5/8	0.027	7. 8	4
16	0.80	5/8	0.032	-	2
20	0.40	¾	0.015	6	4
20	0.50	¾	0.019	6. 8	3. 4
20	0.60	¾	0.023	6. 7. 8	3. 4
20	0.65	¾	0.025	-	3. 4
20	0.70	¾	0.027	7. 8	3
25	0.40	1	0.015	-	4
25	0.50	1	0.019	8	4
25	0.60	1	0.023	8. 9	3
25	0.65	1	0.025	-	2. 3. 4
25	0.70	1	0.027	8. 9	3
25	0.80	1	0.032	8. 9	2. 3
25	0.90	1	0.035	-	2. 3
30	0.60	1 3/16	0.023	8. 9	3
30	0.70	1 3/16	0.027	8. 9. 10	3
30	0.80	1 3/16	0.032	8. 9	3
30	0.90	1 3/16	0.035	-	3
32	0.90	1 ¼	0.035	-	2. 3
40	0.80	1 5/8	0.032	12	-
50	0.80	2	0.032	12	-

Information subject to change.

Production program.

Saws available starting at **500 mm/dimension** or 100 units endless/dimension.

Blade width [mm]	Blade thickness [mm]	Blade width [inch]	Blade thickness [inch]	Types			
				Toothed (NV) Toothed/set (NV) Ready to saw (NV)	Tooth tips Hardened (WM)	Flex-Back (WM)	
					Pitches [ZpZ] or [TPI]	Pitches [ZpZ] or [TPI]	
6	0.36	¼	0.013		-	6*, 14*	
6	0.50	¼	0.019		-	6*	
6	0.60	¼	0.023		-	4*, 6*, 14*	
8	0.65	⅝	0.025		-	4*, 6*	
10	0.36	⅜	0.013		4, 6	4, 6*	
10	0.40	⅜	0.015		4, 6	4*, 6*	
10	0.50	⅜	0.019		3, 4, 6	3, 4, 6*	
10	0.60	⅜	0.023		2, 3, 4, 6	2, 3, 4*, 6*	
10	0.70	⅜	0.027		2, 3, 4	2, 3, 4*	
12	0.50	½	0.019		3, 4	3, 4*	
12	0.60	½	0.023		2, 3, 4	2, 3, 4*	
12	0.70	½	0.027		2, 3, 4	2, 3, 4*	
16	0.40	⅝	0.015		4	4	
16	0.50	⅝	0.019		3, 4	3, 4*	
16	0.60	⅝	0.023		3, 4	3*, 4	
16	0.65	⅝	0.025		2, 3, 4	2, 3*, 4	
16	0.70	⅝	0.027		2, 3, 4	2, 3, 4*	
16	0.80	⅝	0.032		2, 3, 4	2*, 3, 4	
20	0.40	¾	0.015		4	4*	
20	0.50	¾	0.019		3, 4	3*, 4*	
20	0.60	¾	0.023		2, 3, 4	2, 3*, 4*	
20	0.65	¾	0.025		2, 3, 4	2, 3*, 4*	
20	0.70	¾	0.027		2, 3, 4	2, 3, 4*	
25	0.40	1	0.015		4	4*	
25	0.50	1	0.019		3, 4	3, 4	
25	0.60	1	0.023		2, 3, 4	2, 3*, 4	
25	0.65	1	0.025		2, 3, 4	2*, 3*, 4*	
25	0.70	1	0.027		2, 3, 4	2, 3*, 4	
25	0.80	1	0.032		2, 3, 4	2*, 3*, 4	
25	0.90	1	0.035		2, 3, 4	2*, 3, 4	
30	0.60	1 ⅜	0.023		2, 3, 4	2, 3*, 4	
30	0.70	1 ⅜	0.027		2, 3, 4	2, 3*, 4	
30	0.80	1 ⅜	0.032		2, 3, 4	2, 3*, 4	
30	0.90	1 ⅜	0.035		2, 3, 4	2, 3*, 4	
35	0.60	1 ⅝	0.023		2, 3, 4	2, 3, 4	
35	0.70	1 ⅝	0.027		2, 3, 4	2, 3, 4	
35	0.80	1 ⅝	0.032		2, 3, 4	2, 3, 4	
35	0.90	1 ⅝	0.035		2, 3, 4	2, 3, 4	
35	1.00	1 ⅝	0.039		2	2	
40	0.70	1 ⅝	0.027		2, 3, 4	2, 3, 4	
40	0.80	1 ⅝	0.032		2, 3, 4	2, 3, 4	
40	0.90	1 ⅝	0.035		2, 3, 4	2, 3, 4	
40	1.00	1 ⅝	0.039		2	2	
45	0.80	1 ¾	0.032		2, 3, 4	2, 3, 4	
45	0.90	1 ¾	0.035		2, 3, 4	2, 3, 4	
50	0.80	2	0.032		2, 3, 4	2, 3, 4	
50	0.90	2	0.035		2	2	

Pitches of 4 to 14 mm available upon request

Information subject to change.



Narrow band saws.

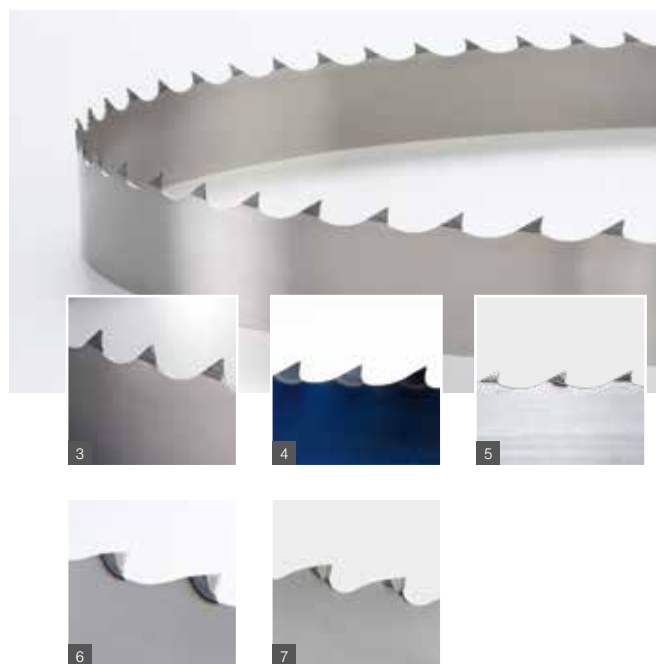
For use in the sawmill;
blade widths of 27 to 55 mm

Quality.

Select
German high-grade stainless steel
41 to 43 HRC strip steel hardness
Best price-performance ratio
From softwoods through to even the hardest types of wood

Types.

Toothed	Ready to saw	Hardened tooth tips	Flex-Back	X-Cut	Stellite-tipped	Hard metal
1	2	3	4	5	6	7
Setting: left-right-straight						



Saws available starting at **100 mm/dimension** or 3 units endless/dimension.

Standard product range.



Coil in running meters



Continuous saw blade in finished length

					Types							
Blade width [mm]	Blade thickness [mm]	Blade width [inch]	Blade thickness [inch]	Pitches* [mm]	Toothed	Ready to saw	Hardened tooth tips	Flex-Back	X-Cut	Stellite-tipped	Hard metal	
27	0.90	1 1/16	0.035	22; 22.22	-	-	-	-	■	-		
32	0.90	1 1/4	0.035	22; 22.22	■	■	■	■	■	■		
32	1.00	1 1/4	0.039	22; 22.22	■	■	■	■	■	■		
32	1.10	1 1/4	0.043	22; 22.22	■	■	■	■	■	■		
35	0.90	1 3/8	0.035	22; 22.22	■	■	■	■	■	■		
35	1.00	1 3/8	0.039	22; 22.22	■	■	■	■	■	■		
35	1.10	1 3/8	0.043	22; 22.22	■	■	■	■	■	■		
35	1.27	1 3/8	0.050	22; 22.22	■	■	■	■	■	■		
38	1.00	1 1/2	0.039	22; 22.22	■	■	■	■	■	■	Upon request	
38	1.10	1 1/2	0.043	22; 22.22	■	■	■	■	■	■		
38	1.27	1 1/2	0.050	22; 22.22	■	■	■	■	■	■		
40	0.90	1 5/8	0.035	22; 22.22	■	■	■	■	■	■	Upon request	
40	1.00	1 5/8	0.039	22; 22.22	■	■	■	■	■	■		
40	1.10	1 5/8	0.043	22; 22.22	■	■	■	■	■	■		
40	1.27	1 5/8	0.050	22; 22.22	■	■	■	■	■	■		
50	0.90	2	0.035	22; 22.22	■	■	■	■	■	■		
50	1.00	2	0.039	22; 22.22	■	■	■	■	■	■		
50	1.10	2	0.043	22; 22.22	■	■	■	■	■	■		
55	0.90	2 3/16	0.035	22; 22.22	■	■	■	■	■	■		
55	1.00	2 3/16	0.039	22; 22.22	■	■	■	■	■	■		
55	1.10	2 3/16	0.043	22; 22.22	■	■	■	■	■	■		

Details provided without guarantee. * Pitches of 19 and 25 mm available upon request







Resaw and log band saws.

For use in the sawmill;
blade widths of 50 to 260 mm.

Qualities.

Select	Prime
German high-grade stainless steel	Uddeholm steel UHB 15
41 to 43 HRC strip steel hardness	44 to 46 HRC strip steel hardness
Best price-performance ratio	Outstanding operating and cutting performance, precision and durability
From softwoods through to even the hardest types of wood	For the most demanding wood processing applications, from softwoods through to even the hardest types of wood

Types.

Toothed	Ready to saw	Upset-forged	Stellite-tipped
1	2	3	4
			
All tooth shapes possible for each version.			
Hard metal version available upon request.			



Saws available starting at **100 mm/dimension** or 3 units endless/dimension.

Standard product range.



Coil in running meters



Continuous saw blade in finished length

Blade width [mm]	Blade thickness [mm]	Blade width [inch]	Blade thickness [inch]	Tooth shape	Types				Qualities	
					Toothed	Ready to saw	Upset-forged*	Stellite-tipped	Select	Prime
50	0.90 / 1.00 / 1.10	2	0.035 / 0.039 / 0.043	PCP / PV	■	■	-	■	■	-
55	0.90 / 1.00 / 1.10	2 3/16	0.035 / 0.039 / 0.043	PCP / PV	■	■	-	■	■	-
60	0.90 / 1.00 / 1.10	2 3/8	0.035 / 0.039 / 0.043	PCP / PV	■	■	-	■	■	-
70	0.90 / 1.00	2 3/4	0.035 / 0.039	PCP / PV	■	■	-	■	■	-
80	0.90 / 1.00 / 1.10	3 1/8	0.035 / 0.039 / 0.043	PCP / PV	■	■	■	■	■	-
90	0.90 / 1.00 / 1.10	3 1/2	0.035 / 0.039 / 0.043	PCP / PV	■	■	■	■	■	-
100	0.90 / 1.00 / 1.10 / 1.20	4	0.035 / 0.039 / 0.043 / 0.047	PCP / PV	■	■	■	■	■	-
100	1.10	4	0.043	PCP / PV	■	■	■	■	-	■
110	1.00 / 1.10	4 3/8	0.039 / 0.043	PCP / PV	■	■	■	■	■	-
120	1.00 / 1.10 / 1.20	4 3/4	0.039 / 0.043 / 0.047	PCP / PV	■	-	■	■	■	-
120	1.20	4 3/4	0.047	PCP / PV	■	-	■	■	-	■
130	1.20	5 1/8	0.047	PCP / PV	■	-	■	■	■	-
140	1.20	5 1/2	0.047	PCP / PV	■	-	■	■	■	-
150	1.20 / 1.30	6	0.047 / 0.051	PCP / PV	■	-	■	■	■	-
155	1.07 / 1.25	6 3/8	0.043 / 0.049	PCP / PV	■	-	■	■	-	■
160	1.3	6 1/4	0.051	PCP / PV	■	-	Upon request	■	-	■
180	1.25 / 1.47	7 1/8	0.049 / 0.058	PCP / PV	■	-		■	-	■
206	1.47 / 1.65	8 1/8	0.058 / 0.065	PCP / PV	■	-		■	-	■
230	1.47 / 1.65	9 1/8	0.058 / 0.065	PCP / PV	■	-		■	-	■
260	1.47 / 1.65	10 1/4	0.058 / 0.065	PCP / PV	■	-		■	-	■

Information subject to change. * Tooth shape only available in the PV version. Pitch upon request.



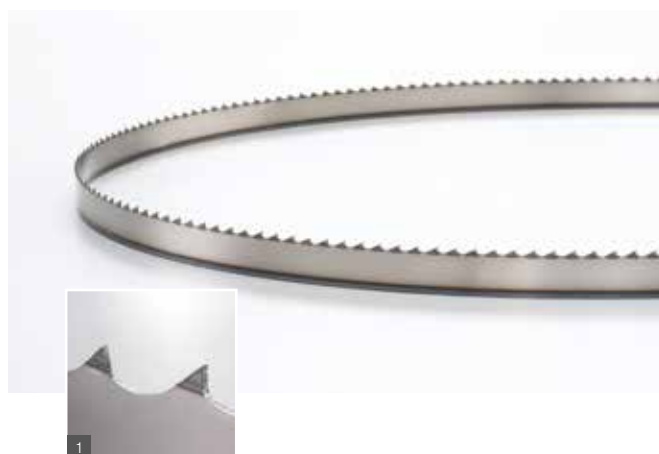
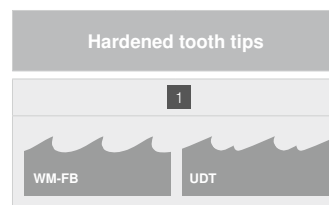
Food saws.

For use in the food industry, such as cutting fresh meat with bones, frozen meat, fish, and vegetables; blade widths of 16 to 25 mm.

Qualities.

Select	Prime Food
German high-grade stainless steel	Quality food steel strip
41 to 43 HRC strip steel hardness	44 to 48 HRC strip steel hardness
Best price-performance ratio	Outstanding operating and cutting performance, precision and durability

Types.



Saws available starting at 500 mm/dimension.

Standard product range.



Coil in running meters

						Types	Qualities	
Blade width [mm]	Blade thickness [mm]	Blade width [inch]	Blade thickness [inch]	Tooth shape	Tooth pitches [ZpZ] or [TPI]	Hardened tooth tips	Select	Prime Food
Meat, fish and vegetables, frozen								
16	0.50	5/8	0.019	WM-FB	3 TPI	■	■	■
16	0.56	5/8	0.022	WM-FB	3 TPI	■	■	■
16	0.60	5/8	0.023	WM-FB	3 TPI	■	■	Upon request
16	0.65	5/8	0.025	WM-FB	3 TPI	■	■	Upon request
Bone-in fresh meat								
16	0.50	5/8	0.019	WM-FB	4 TPI	■	■	■
16	0.56	5/8	0.022	WM-FB	4 TPI	■	■	■
16	0.60	5/8	0.023	WM-FB	4 TPI	■	■	Upon request
16	0.65	5/8	0.025	WM-FB	4 TPI	■	■	Upon request
Meat, fish and vegetables, frozen								
19	0.50	3/4	0.019	WM-FB	3 TPI	■	-	■
19	0.56	3/4	0.022	WM-FB	3 TPI	■	-	■
20	0.50	3/4	0.019	WM-FB	3 TPI	■	■	-
20	0.56	3/4	0.022	WM-FB	3 TPI	■	■	-
20	0.60	3/4	0.023	WM-FB	3 TPI	■	■	Upon request
20	0.65	3/4	0.025	WM-FB	3 TPI	■	■	Upon request
25	0.50	1	0.019	WM-FB	3 TPI	■	■	Upon request
25	0.60	1	0.023	WM-FB	3 TPI	■	■	Upon request
Bone-in fresh meat								
19	0.50	3/4	0.019	WM-FB	4 TPI	■	-	■
19	0.56	3/4	0.022	WM-FB	4 TPI	■	-	■
20	0.50	3/4	0.019	WM-FB	4 TPI	■	■	-
20	0.56	3/4	0.022	WM-FB	4 TPI	■	■	-
20	0.60	3/4	0.023	WM-FB	4 TPI	■	■	Upon request
20	0.65	3/4	0.025	WM-FB	4 TPI	■	■	Upon request
25	0.50	1	0.019	WM-FB	4 TPI	■	■	Upon request
25	0.60	1	0.023	WM-FB	4 TPI	■	■	Upon request
Bone-in fresh meat								
16	0.50	5/8	0.019	UDT	-	■	■	■
16	0.56	5/8	0.022	UDT	-	■	■	■
16	0.60	5/8	0.023	UDT	-	■	■	Upon request
16	0.65	5/8	0.025	UDT	-	■	■	Upon request
19	0.50	3/4	0.019	UDT	-	■	-	■
19	0.56	3/4	0.022	UDT	-	■	-	■
20	0.50	3/4	0.019	UDT	-	■	■	-
20	0.56	3/4	0.022	UDT	-	■	■	-
20	0.60	3/4	0.023	UDT	-	■	■	Upon request
20	0.65	3/4	0.025	UDT	-	■	■	Upon request

Information subject to change.



Metal saws.

For a variety of applications that involve cutting metals (tubes, profiles, shafts); blade widths of 6 to 41 mm.

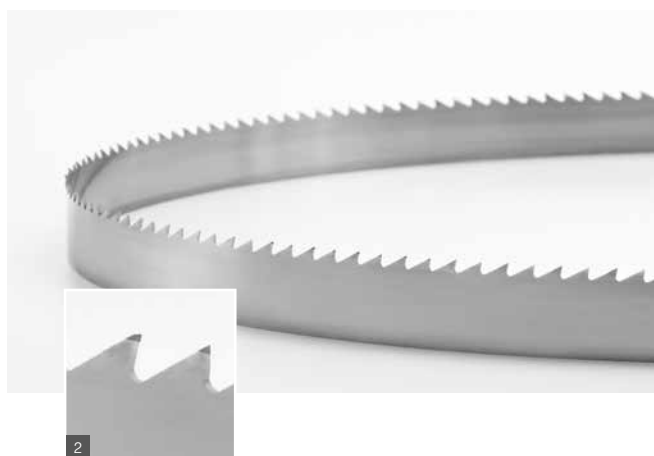


Qualities.

Tool steel	Bimetal M42
The saw blade for the most straightforward applications:	The saw blade for exacting requirements:
Saw band made from tool steel with heat treatment	High performance, M42 wear-resistant tooth tip cutting material with high cutting accuracy
Best price-performance ratio	Particularly suited to low-vibration sawing

Types.

Hardened tooth tips	Bimetal M42
1	2



Saws available starting at **100 m/dimension** or 3 units endless/dimension.

Standard product range.



Coil in running meters



Continuous saw blade in finished length

Blade width [mm]	Blade thickness [mm]	Blade width [inch]	Blade thickness [inch]	Types	
				Tool steel	Bimetal M42
				Tooth pitches [ZpZ or TPI]	Tooth pitches [ZpZ or TPI]
6	0.65	¼	0.025	8, 10, 14, 18, 22	-
8	0.65	⅝ ₁₆	0.025	8, 10, 14, 18, 22	-
10	0.65	⅝ ₁₆	0.025	4, 6, 8, 10, 14, 18, 22	-
13	0.65	⅝ ₁₆	0.025	4, 6, 8, 10, 14, 18	-
13	0.65	⅝ ₁₆	0.025	-	6 - 10*, 10 - 14*
20	0.80	¾	0.032	4, 6, 8, 10, 14	-
20	0.90	¾	0.035	-	5 - 8*, 6 - 10*, 8 - 12*, 10 - 14*
25	0.90	1	0.035	4, 6, 8, 10, 14	-
27	0.90	1	0.035	-	2 - 3*, 3 - 4*, 4 - 6*, 6 - 10*, 10 - 14*
34	0.90	1 ⅜	0.035	-	22,22 mm
34	1.10	1 ⅜	0.043	-	22,22 mm
34	1.10	1 ⅜	0.043	-	2 - 3*, 3 - 4*, 4 - 6*, 5 - 8*, 6 - 10*
41	1.30	1 ½	0.050	-	1.4 - 2*, 2 - 3*, 3 - 4*, 4 - 6*

Information subject to change. * variable tooth pitch

Used for reclaimed wood



WINTERSTEIGER

A company at the cutting edge of technology.

WINTERSTEIGER sees itself as a high-tech enterprise – and with good reason. It is the extraordinary precision, among other things, that makes our saws unique in the world today.



WINTERSTEIGER Sägen GmbH, Arnstadt, Germany

More than four decades of systematic development have resulted in WINTERSTEIGER's high-quality band saw blades. Traditional manual manufacturing of band saw blades – tooth by tooth – has been replaced by industrial production with technology that is unparalleled in the world.

The long history of the company has been continuously shaped by a comprehensive, holistic approach to development – an approach which is still at the heart of WINTERSTEIGER today. The ability to offer both machines and sawing tools from a single source is still a unique selling point for WINTERSTEIGER and has enormous quality benefits for our customers.

Saw manufacturing has been part of the global WINTERSTEIGER Group since 2004. The new WINTERSTEIGER Sägen GmbH company premises covering an area of 5000 m² were built in 2006 and were extended by 1800 m² in 2018. With its state-of-the-art production systems, this site is just one example of the company's exceptional commitment to quality.

The availability, quality, and service life of the tools are also key. Excellent tool preparation gives the company a significant edge over the competition. WINTERSTEIGER provides its customers with peace of mind, as they always have perfectly prepared tools to hand.



Induction hardening



State-of-the-art production facilities covering an area of 7000 m²



Raw material.

The production quality of the steel strip is crucial for the quality of the band saw blades. The material properties and their tolerances as described by DIN are very broad, making it necessary to add further criteria for quality assessment besides detailed material analysis.

The straightness, flatness, and surface condition of the strip steel, as well as the dimensional accuracy of the thickness, should not differ substantially across large batches of saw blades. Only compliance with all of these criteria

enables the production of a saw blade with constant accuracy that is maintained during tooth-cutting, sharpening, and setting.

WINTERSTEIGER band saw blades are manufactured from German high-grade steel that offers an ideal combination of hardness, toughness, and flexibility. State-of-the-art production methods for tooth-cutting, setting, and sharpening ensure outstanding quality, perfect cutting, and a long service life for this saw type.



Production.

There are two different ways of cutting teeth into strip steel to produce a band saw blade: The most common method is punching. The other alternative – and best in terms of quality – is deep grinding.

We use the latest punching and deep grinding machines in our production processes.

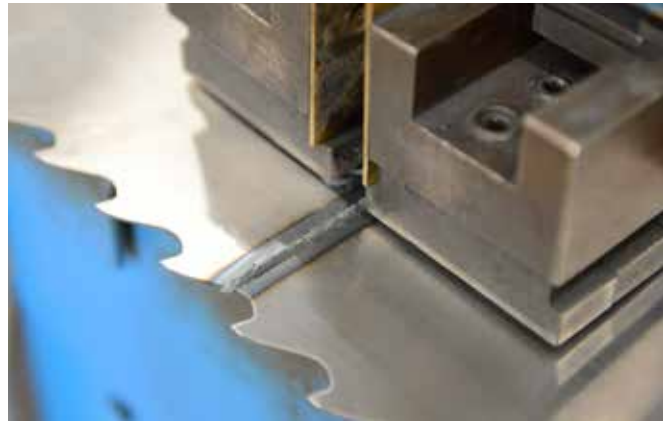
When punching, the accuracy of the tooth pitch and tooth shape depends largely on the precision of the feed and on the grind quality of the tooth-cutting tool used. Our highly-qualified staff therefore inspect both of these factors regularly. Using the deep grinding method combines tooth-cutting with the final grinding of the band saw blade. This manufacturing process results in ground and burr-free surfaces.



Dressing.

Several welding machines of different dimensions are used for saw dressing. The quality characteristic common to them all is that they are equipped with temperature-control devices for automatic measurement and control of the tempering temperature. This extremely efficient measure makes it possible to avoid the consequences of incorrect tempering temperatures, such as cracks in the welds.

Processes carried out prior to dressing, such as setting or grinding, are carried out by a number of state-of-the-art, fully automated machines.



The setting of several teeth in one step not only has substantial advantages for the feed and thus the efficiency – it also increases the setting accuracy as the resilient force created by setting a tooth is considerably minimized.

Almost all of our products – with the exception of just a few special designs – are ground using Borazon grinding machines. Along with automated production, this has the advantage of a tooth ground with high precision and extreme sharpness. As a result, the surface roughness

of conventional sharpening processes is reduced to an absolute minimum, the Borazon grinding discs retain their profile throughout a very long production period, and the pressurized cooling fluid prevents overheating during the grinding process.

Finally, the finished saw blades are packaged in a secure, protective, and environmentally friendly manner.



WINTERSTEIGER band saw blade service.

For resaw and log band saw blades from a blade length of 4,500 mm and for blade widths from 50 to 260 mm.



At the WINTERSTEIGER Sägen GmbH production site in Arnstadt, Germany, we offer band saw blade servicing using high-quality CNC wet grinding machines and both automated and manual straightening centers. Our specialist staff monitor each individual step of the process. This allows us to ensure that the band saw blades are prepared to the highest level of quality.

Our service portfolio includes:

- Cleaning the band saw blade
- Ensuring that the teeth are parallel and aligned
- Sharpening, tensioning, straightening
- Upset-forging
- Stelliteizing
- Welding the saw blade
- Logistics solution for pick-up and delivery service



Through the professional preparation of the band saw blades, we guarantee that your blades will be finished to the highest standard, leaving with you the perfect tool for your cutting process.

WINTERSTEIGER. A Global Player.

WINTERSTEIGER AG is an international machinery and plant engineering group. Founded in 1953, it has gradually established itself as a leading provider of innovative solutions for customers in technically sophisticated niche markets. The business fields of the company consist of:

■ SEEDMECH

- Turnkey solutions for plant breeding and research

■ SPORTS

- One-stop supplier for ski and snowboard rental and servicing
- Systems for hygienic drying of sports goods and work clothes
- Custom solutions for feet

■ WOODTECH

- Process solutions for precision thin-cutting, wood repairs and cosmetics
- Saw blades for wood, food, and metal
- Machines for mobile and stationary sawmills
- Plants and automation solutions

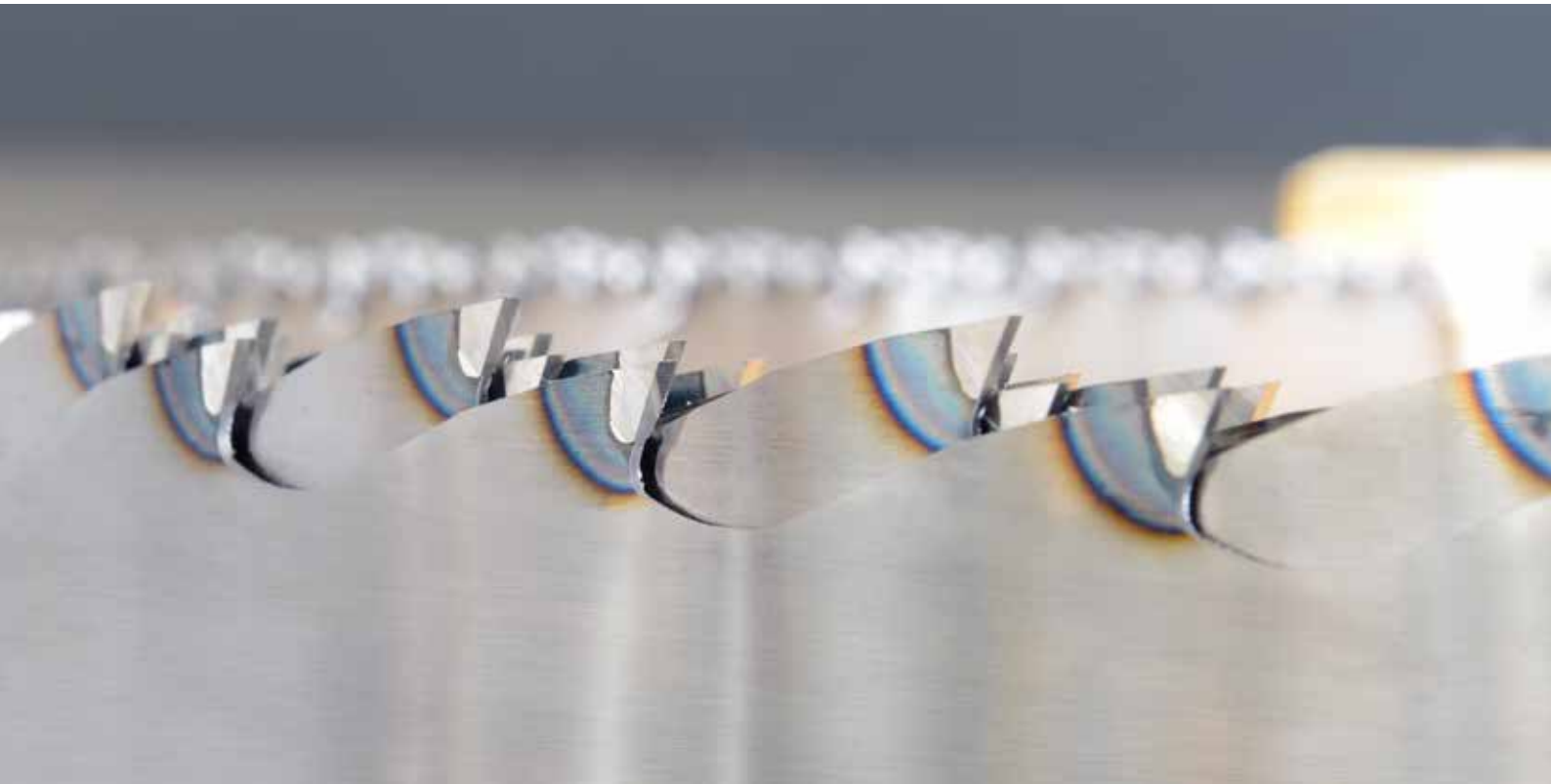
■ METALS

- Levelling technology machines and systems



Headquarters at Ried im Innkreis, Upper Austria

Success begins with the right decisions.
At the right time. We look forward to you!



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Thin-cutting & Repair

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