



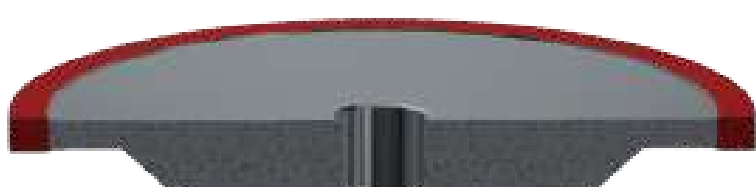
Diamond and CBN grinding wheels for the **WOOD INDUSTRY**

KYOTO DIAMOND TOOLS UKRAINE

KDTU

SUPERABRASIVE GRINDING SOLUTIONS

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ABOUT OUR COMPANY

KYOTO DIAMOND TOOLS UKRAINE is a young promising company that produces tools from superabrasives with high requirements for performance and wear resistance. The company was founded in 2010 in Vyshgorod, Kyiv region, by the Japanese parent company Kyoto Diamond Industrial Co. Ltd. This firm has a long history and supplies its tools to the leading Japanese and European automotive, bearing, jewelry, electrical plants around the world. Our division in Ukraine produced and supplied resin bonded diamond and CBN tools for machine-building enterprises in Japan.

Starting from 2020, **KYOTO DIAMOND TOOLS UKRAINE** became an independent enterprise and began to manufacture products under its own brand **KDTU**. The main task of our team was the reorientation to the clients of the European market, Asia and Ukraine, who use high quality tool. The requirements of the European market are different from the Japanese market, so it was necessary to change the characteristics of the grinding wheels to meet new challenges.

Having vast experience and knowledge gained from the leading specialists of the Poltava plant of synthetic diamonds and diamond tools, combined with the knowledge base and long practice gained in Japan, we managed to reach the European level in a short time and outperform the famous brands of the diamond industry in some types of tools.

The best developments of Soviet science, Japanese technologies and modern high-quality materials from the best world manufacturers allow us to produce high-level products.

We are very meticulous about the requirements of our customers, so we are always ready to come to you to study the terms of use of the grinding wheels on the working place and to hear the wishes of the workers and engineers themselves. We have extensive experience in communicating directly with manufacturers not only in Ukraine, but also abroad. Our entire team makes efforts to ensure that our products meet the highest standards of quality and technology.

We manufacture tools that will save you time, increase productivity, improve the quality of your products and increase the profitability of your company for the manufacture and processing of products.

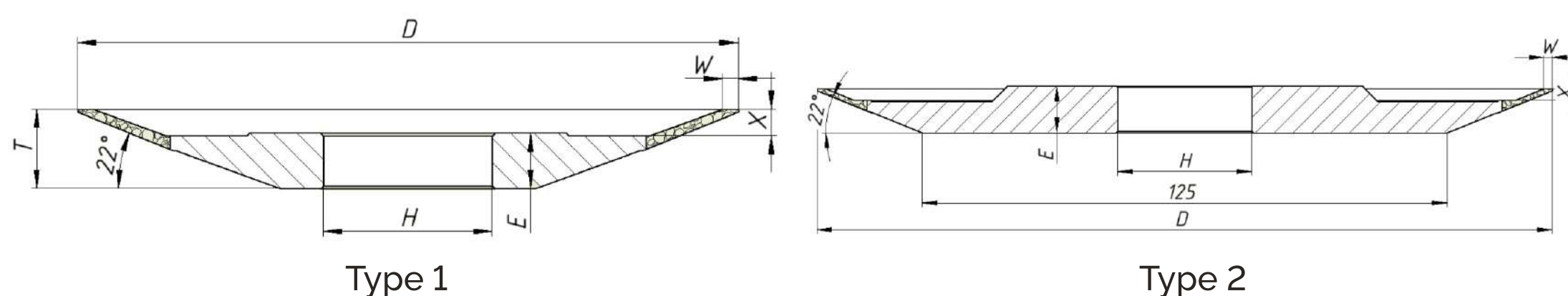
12V9-20/12V9-22



Any other shape is possible to produce by request with diamond or CBN powder.



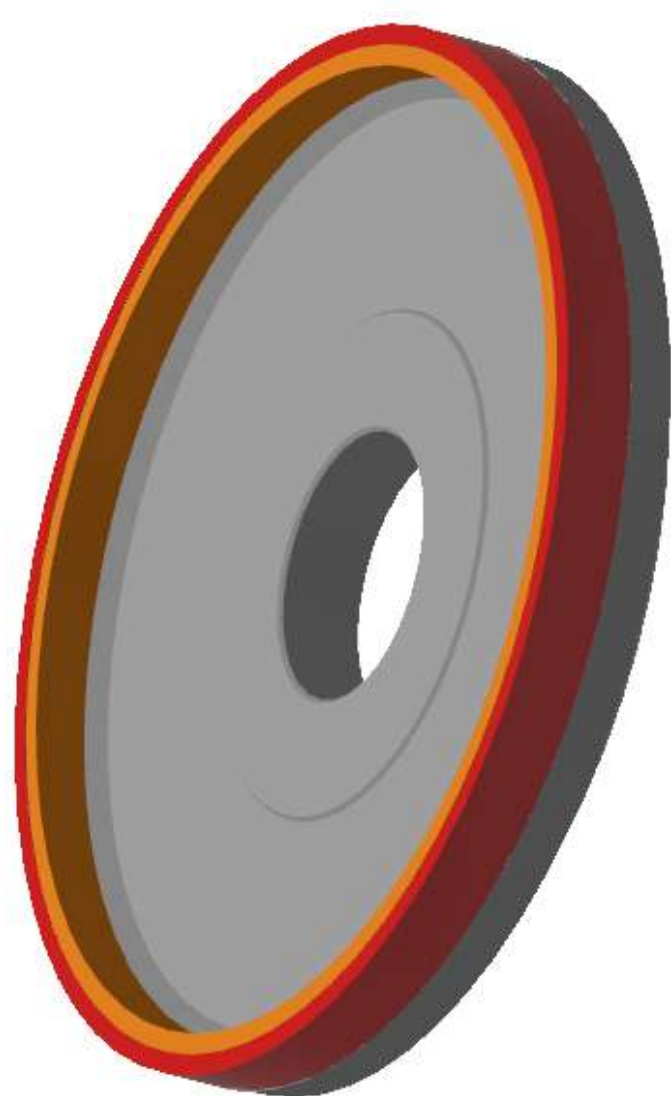
Grinding and sharpening of the tooth face of circular saw. Can be used on CNC machines like VOLLMER-BIBERACH CX100, CL, CHC, CP200, CHP, CHD, CHT, CHTS, CHHT; UT.MA; ABM; Kaindl; AKE B10, U6R2, AKEMAT F, BU, AW; Walter CNC5; OTOMAT-96 ECO; Kucharczyk; LAKFAM; IRONMAC 600A; Reinforced abrasive layer allows to use on manual sharpening machines.



D mm	W mm	X mm	T mm	E mm	H mm	Type
75	2,5-5	3	15	9-10	according to the order	Type 1
100	2,5-5	3	15	9-10		Type 1
125	2,5-5	5	15	9-10		Type 1
150	2,5-5	5	15	10-11		Type 1
175	2,5-5	3-5	12-15	10-11		Type 2
200	2,5-5	5	15	10-11		Type 2

Order Sapmle: Shape D * T * W * X * H
12V9-20 125 x 15 x 3 x 5 x 32 D46 WH01

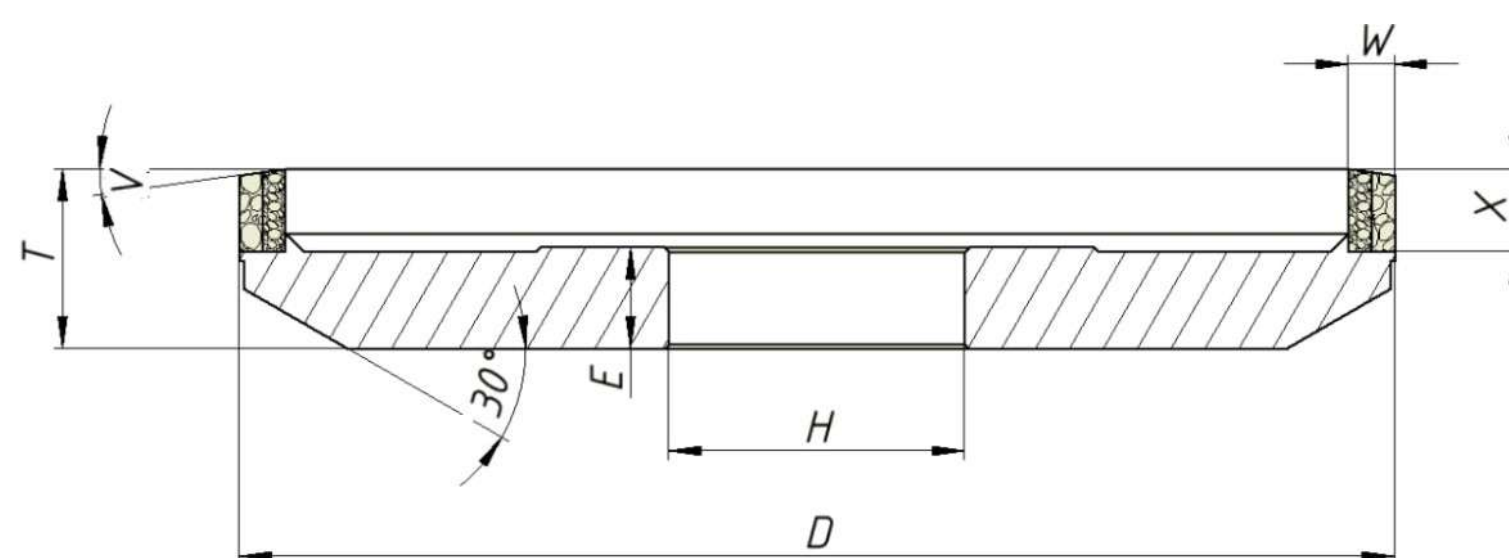
6AA9



Any other shape is possible to produce by request with diamond or CBN powder.



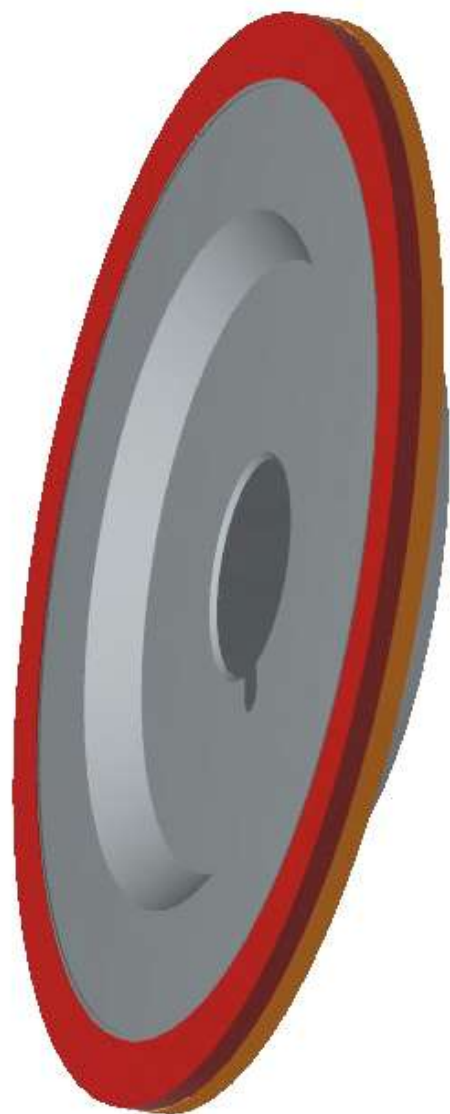
Grinding and sharpening of the tooth back of circular saw. Can be used on CNC machines like VOLLMER-BIBERACH CX100, CL, CHC, CP200, CHP, CHD, CHT, CHTS, CHHT; ABM; UT.MA; OTOMAT-96 ECO; IRONMAC 600A; WIDMA HKS700, HKS700-H1 125, HKS700-H111, HKS750, HKS800, GRINDING CENTRE OPTIMAT SUPERMAT; Finimat, Finimax; Multi-Duo; WRIGHT TALON



D mm	W mm	X mm	T mm	E mm	H mm	Type
100	2,5+2,5	6; 8; 10	18-20	9-10	according to the order	4°- 8°
125	2,5+2,5	3; 6; 8; 10	15-18-20	9-11		
150	3+3	6; 8; 10	18-20	9-11		

Order Sapmle: Shape D * T * W * X * H
6AA9 125 x 18 x 5(2,5+2,5) x 8 x 32 D126/D46 WH01/WS03

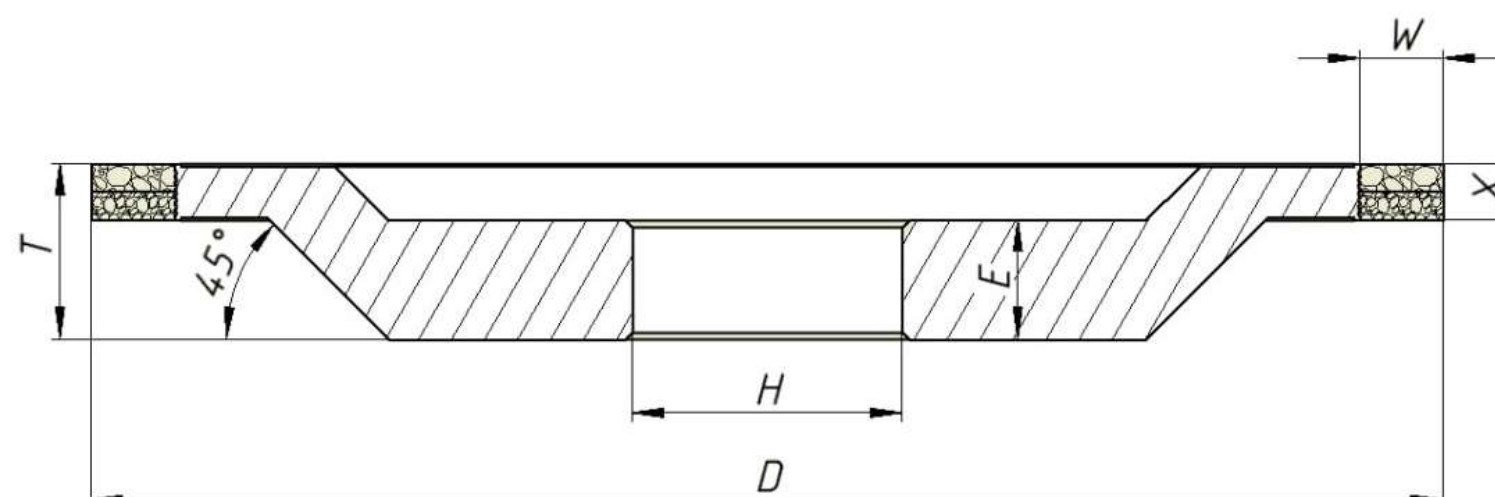
3AA1



Any other shape is possible to produce by request with diamond or CBN powder.



Grinding and sharpening of the tooth sides of circular saw. Can be used on CNC machines like VOLLMER CHTF, CC CHTF; VOLLMER-DORNHAN DUO S; DUO TS UNILAEPP 11-450 TS MF 600; WIDMA HKS400 FS600 FS100/H FS1001 GRINDING CENTRE; UT.MA AF800, AF600, AF801



D mm	W mm	X mm	T mm	E mm	H mm
75	6	4 (2+2)	13	8	according to the order
100	6	4 (2+2)	13	8	
125	6; 8	5 (2,5+2,5)	13	9-10	
150	6; 8	6 (3+3)	15	10-11	
200	6; 8	6 (3+3)	15	10-11	

Order Sapmle: Shape $D * T * W(W1+W2) * X * H$
3AA1 100 x 13 x 4(2+2) x 6 x 32 D126/D46 WH01/WS03

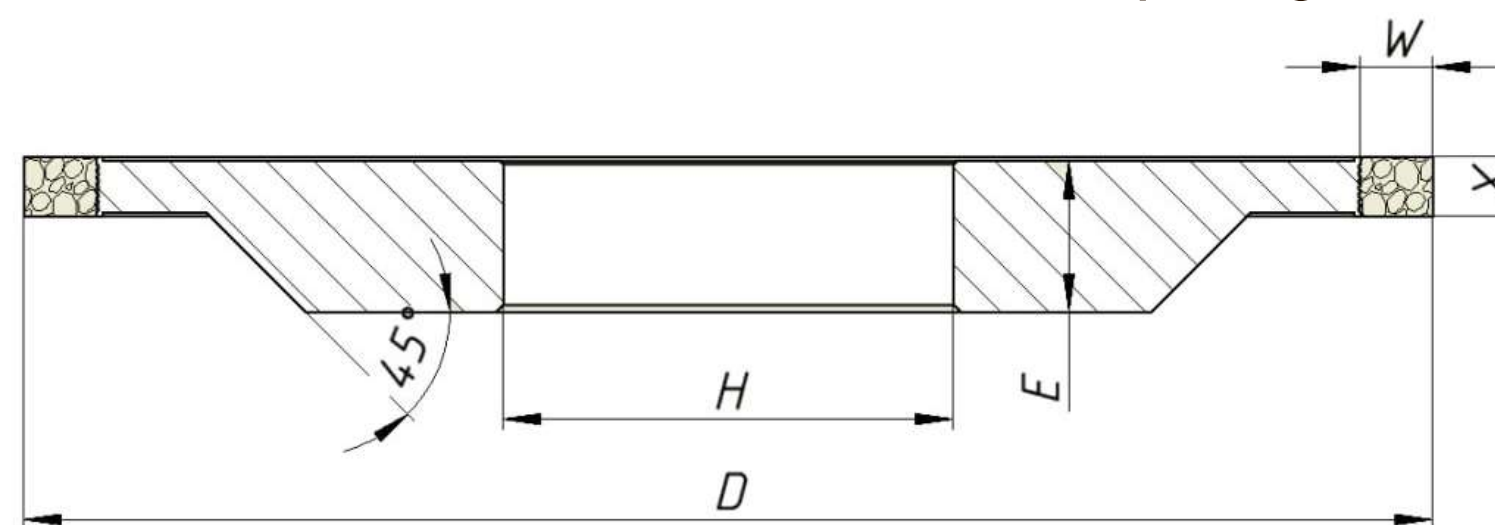
3A1



Any other shape is possible to produce by request with diamond or CBN powder.



Grinding and sharpening of the tooth sides of circular saw. Can be used on CNC machines like VOLLMER CHTF, CC CHTF; VOLLMER-DORNHAN DUO S; DUO TS UNILÄPP 11-450 TS MF 600; WIDMA HKS400 FS600 FS100/H FS1001 GRINDING CENTRE; UT.MA AF800, AF600, AF801; Woodtronic; Akemat F also can be used for manual sharpening machines



D mm	W mm	X mm	T mm	E mm	H mm
75	5-6	4; 5	11	11	according to the order
100	5-6	4; 5	11	9-10	
125	5-6	6; 8	13	9-10	
150	3+3	6; 8	15	10-11	
200	3+3	6; 8; 10	15	10-11	

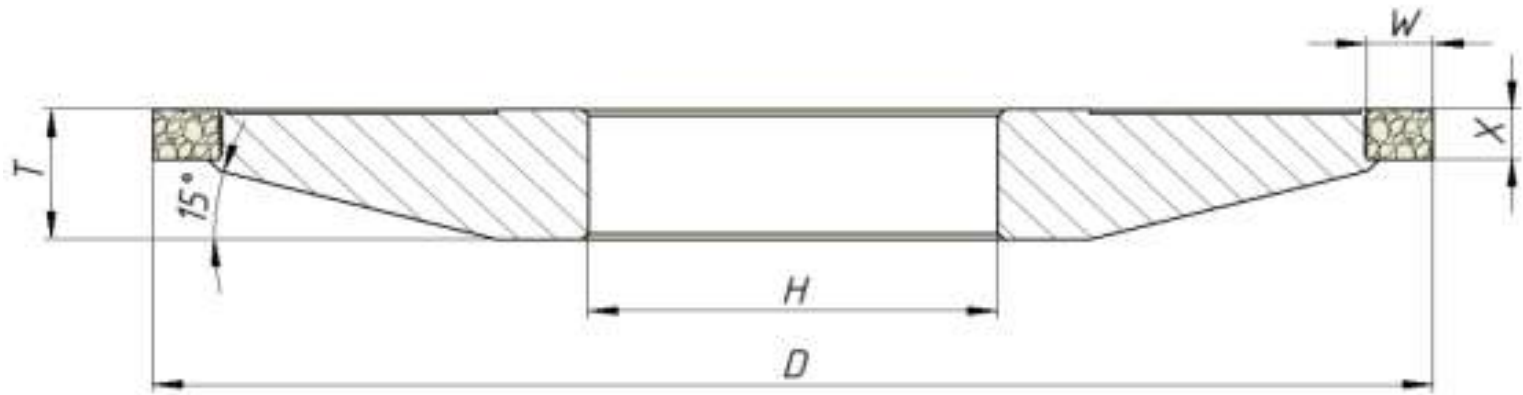
Order Sapmle: Shape $D * T * W * X * H$
3A1 125 x 13 x 5 x 8 x 32 D126 WS03

4A9



Any other shape is possible to produce by request with diamond or CBN powder.

Grinding and sharpening of the tooth sides of circular saw. Can be used on CNC machines like VOLLMER CHTF, CC CHTF; VOLLMER-DORNHAN DUO S; DUO TS UNILAEPP 11-450 TS MF 600; WIDMA HKS400 FS600 FS100/H FS1001 GRINDING CENTRE; UT.MA AF800, AF600, AF801; Woodtronic and for manual sharpening. Grinding saw body for TC tips. Knives profiling on machines WEINIG Rondamat



D mm	W mm	X mm	T mm	H mm
75	5	4	11	according to the order
100	5	4	11	
125	6; 8	5	12	
150	6; 8	5	12	
200	6; 8	5	12	

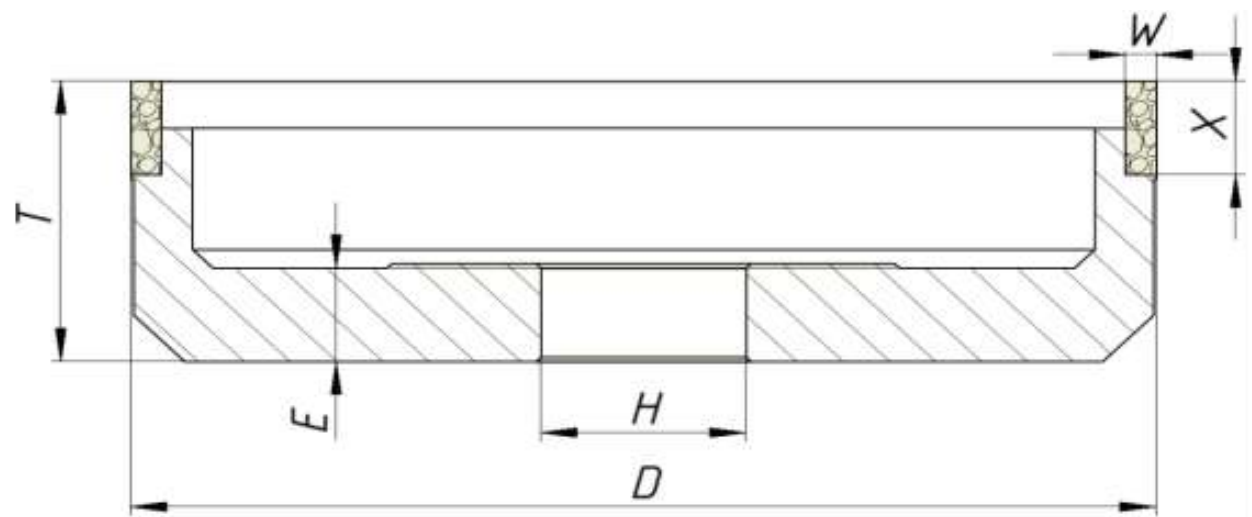
Order Sapmle: Shape D * T * W * X * H
 4A9 100 x 11 x 5 x 4 x 32 D64 WH01

6A9



Any other shape is possible to produce by request with diamond or CBN powder.

Grinding and sharpening of circular and belt saws on VOLLMER Dorhan UNILÄPP, Multi-DU, Finimat, Finimax, Gamma, Beta, Alpha; WIDMA HKS700, HKS700-H1, HKS700-H111, HKS750, HKS800, GRINDING CENTRE OPTIMAT; sharpening of TC and HSS knives on machines WEINIG Rondamat 980, Göckel

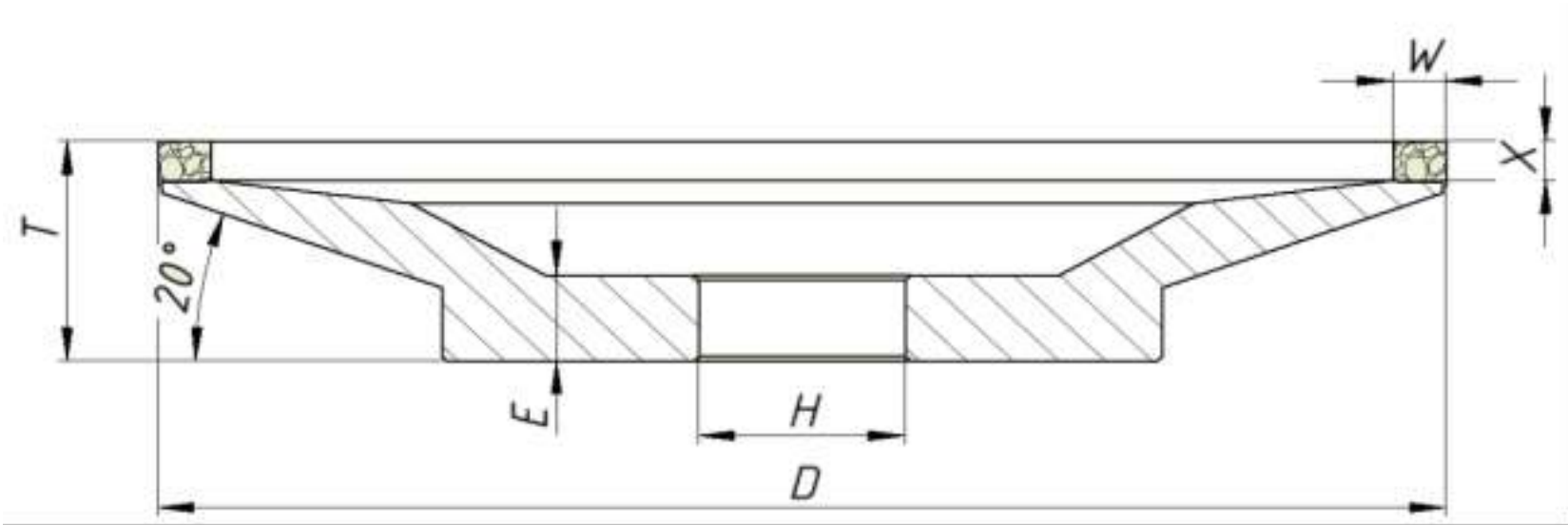


D mm	W mm	X mm	T mm	E mm	H mm
75	3-5	6; 10	30	10-11	according to the order
100	3-5	6; 10	30	10-11	
125	3-5	6; 10	30	10-11	
150	3-5	6; 10	30	10-11	

Order Sapmle: Shape D * T * W * X * H
 6A9 100 x 11 x 3 x 6 x 32 D126/D46 WS03

SKE/12A2P/12M2/13A2

Fast grinding and sharpening Quick Sharp on universal machines STEHLE
S916 DIAMOND UNIVERSAL and CBN UNIVERSAL also manual sharpening.



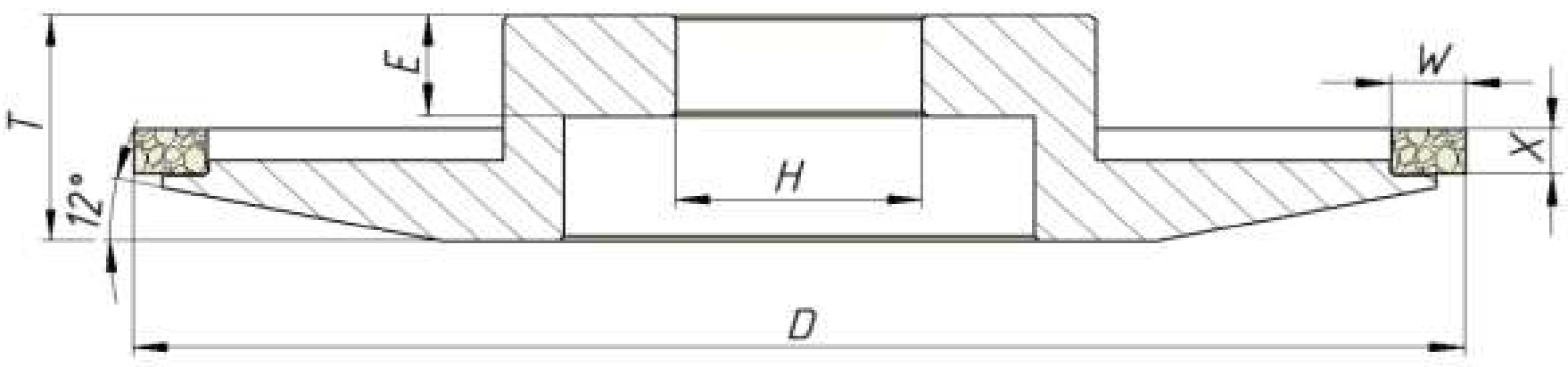
D mm	W mm	X mm	T mm	E mm	H mm
125	5	4	23	9	20 mm or according to the order

Order Sapmle: Shape D * T * W * X * H
 SKE 125 x 23 x 5 x 4 x 20 B126 DS01

Any other shape is possible to produce by request with diamond or CBN powder.

12A2-12

Grinding wheels for machines Leuco; VOLLMER-DORNHAN MULTI-MATIC



D mm	W mm	X mm	T mm	E mm	H mm
135	7	5	25	11	25
140	7	5	25	11	

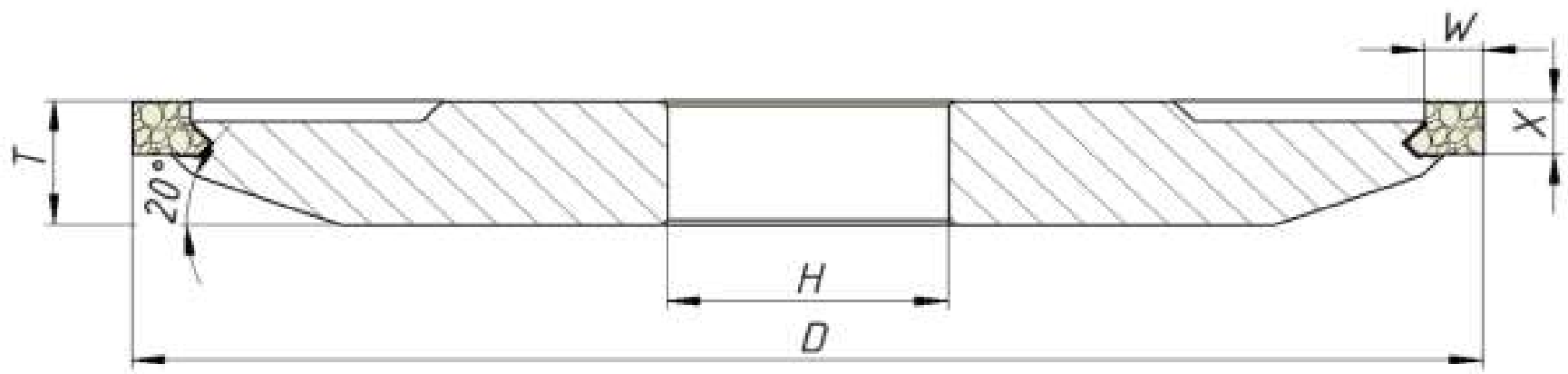
Order Sapmle: Shape D * T * W * X * H
 12A2-12 135 x 25 x 7 x 5 x 25 D126 WH01

Any other shape is possible to produce by request with diamond or CBN powder.

4A9/12B9



Grinding and sharpening of the tooth sides of circular saw. Can be used on CNC machines like VOLLMER CC, CEF, CFL, CHAFT, CHAFRE, CHHF, CHTF, CHF; Woodtronic



D mm	W mm	X mm	T mm	H mm
75	5	5	12	according to the order
100	5	5	12	
120	5	5	12	

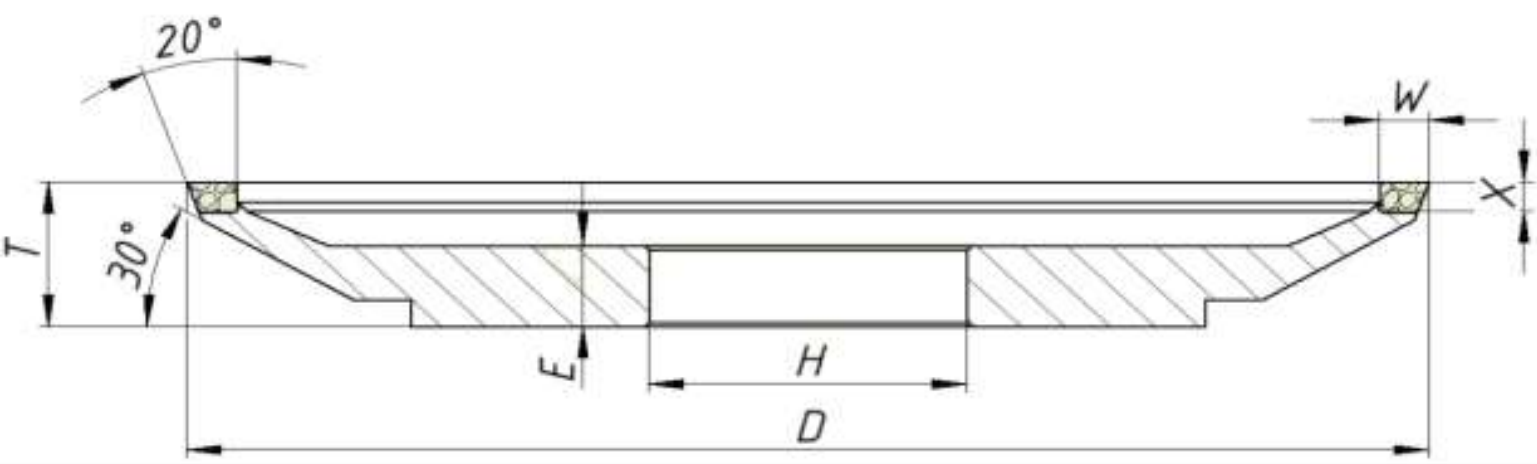
Any other shape is possible to produce by request with diamond or CBN powder.

Order Sapmle: Shape D * T * W * X * H
 12B9 75 x 12 x 5 x 5 x 32 D126 WH01

4B2-30



Sharpening of tools on machines WIDMA BS700, HKS700, HKS700-H1, HKS800, UNIMAT; UT.MA AL800, AL800E; BS 700, HKS 700, HKS 700H-I, HKS 800



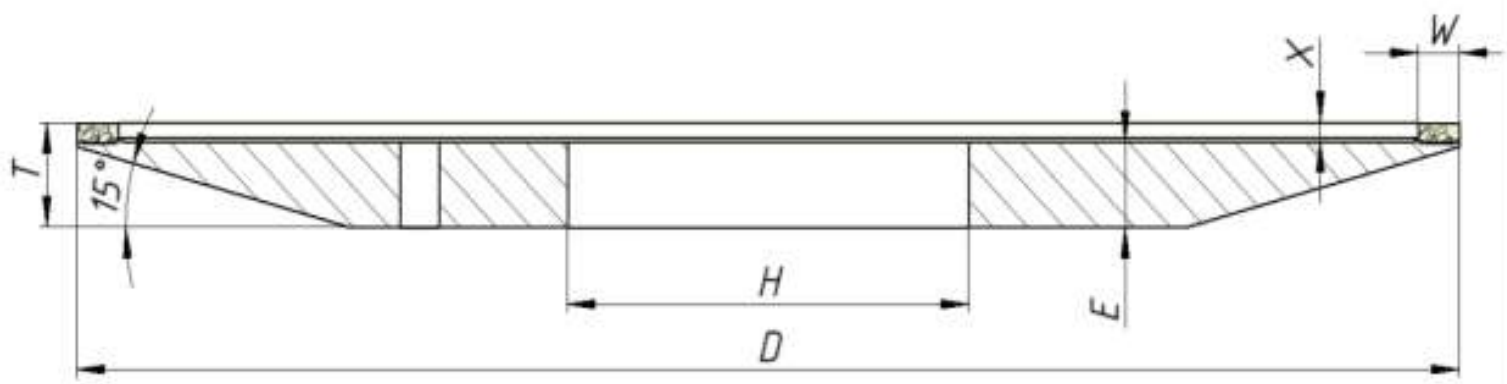
D mm	W mm	X mm	T mm	E mm	H mm
75	5	3	16	9	according to the order
100	5	3	16	9	
125	5	3	16	9	

Any other shape is possible to produce by request with diamond or CBN powder.

Order Sapmle: Shape D * T * W * X * H
 4B2-30 135 x 25 x 7 x 5 x 25 D126 WH01

4A2

Grinding and sharpening of TC teeth of circular saws on CNC machines UT.MA AL800, AL800E; VOLLMER-DORNHAN FINIMAT, W11 240 TS; VOLLMER-DORNHAN FINIMAT, GAMMA, BETA, ALPHA; WALTER WOODTRONIC NC; STEHLE S916 DIAMOND UNIVERSAL and CBN UNIVERSAL; SATURN HKSC 600, HKS 600; Rondamat 912



D mm	W mm	X mm	T mm	E mm	H mm
75	3-6	2-5	12-15	9	according to the order
100	3-6	2-5	12-15	10	
150	3-6	2-5	12-15	10	
175	3-6	2-5	12-15	10	
200	3-6	2-5	12-15	10	

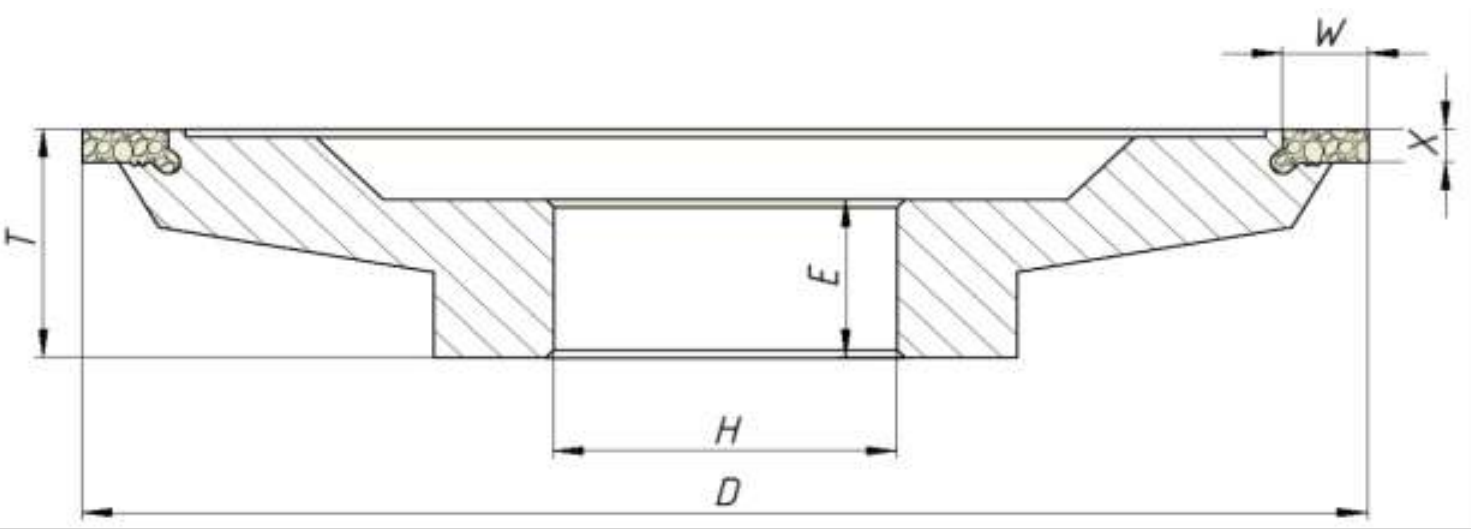
Order Sapmle: Shape D * T * W * X * H
 4A2 150 x 12 x 3 x 5 x 32 D126 DS01



Any other shape is possible to produce by request with diamond or CBN powder. 

1A1F/K700

Grinding and sharpening of the tooth sides of circular saw. Can be used on CNC machines like Vollmer CHF 100, 210, 270, DUO S, TS - UNILÄPP II 450 TS, MF 600; WIDMA HKS400, FS600, FS100/H, FS1001, GRINDING CENTRE; AKE AKEMAT DUO F; WALTER WOODTRONIC CNC6F



D mm	W mm	X mm	T mm	E mm	H mm
75	5	2	14	10	25
100	5	2	14	10	

Order Sapmle: Shape D * T * W * X * H
 1A1F 75 x 14 x 5 x 2 x 25 D126 WH01



Any other shape is possible to produce by request with diamond or CBN powder. 

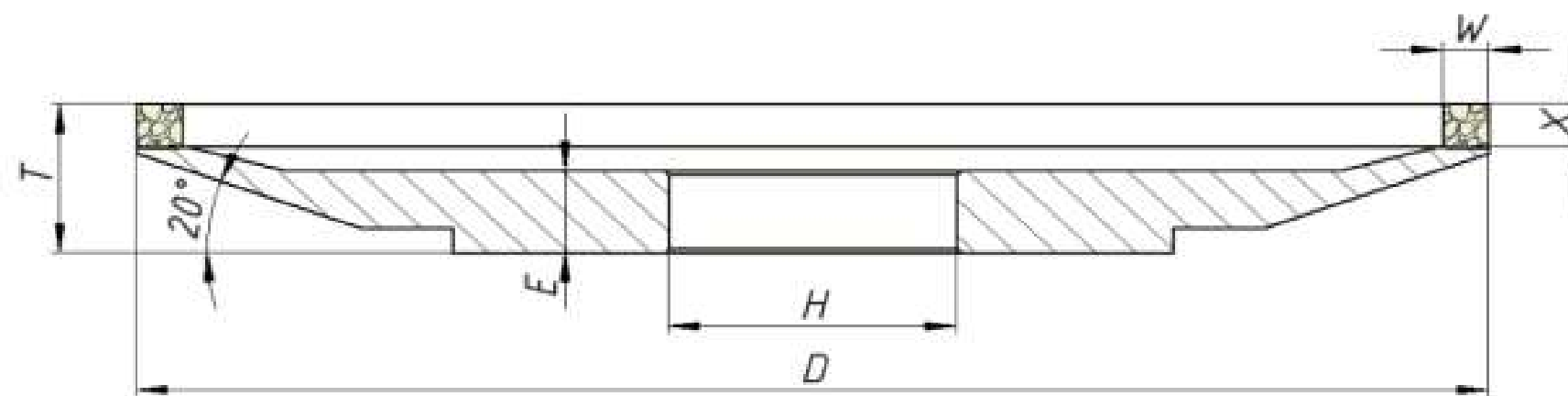
12A2-20



Any other shape is possible to produce by request with diamond or CBN powder.



Sharpening of teeth of circular saws on machines STEHLE S916 DIAMOND UNIVERSAL and CBN UNIVERSAL; SATURN HKSC, 600 HKS 600. Production and sharpening of frame saws, industrial knives and cutters on manual and CNC machines



D mm	W mm	X mm	T mm	E mm	H mm
75	3; 4; 5	2-6	12	6	according to the order
100	3; 4; 5	2-6	12-16	8	
125	2-10	2-6	12-16	9-10	
150	2-10	2-6	14-20	9-10	
175	2-10	2-6	14-20	9-10	
200	2-10	2-6	15-21	11	

Order Sample: Shape D * T * W * X * H
12A2-20 125 x 12 x 6 x 2 x 32 D126 WH01

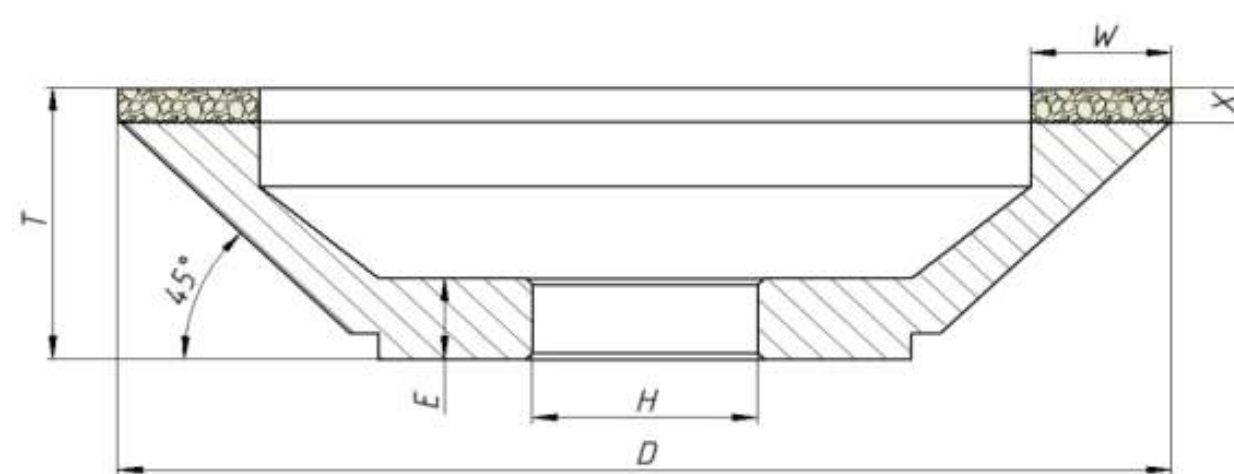
12A2-45



Any other shape is possible to produce by request with diamond or CBN powder.



Sharpening of TC and HSS knives on machines WEINIG Rondamat, Göckel; CNC and manual machines.

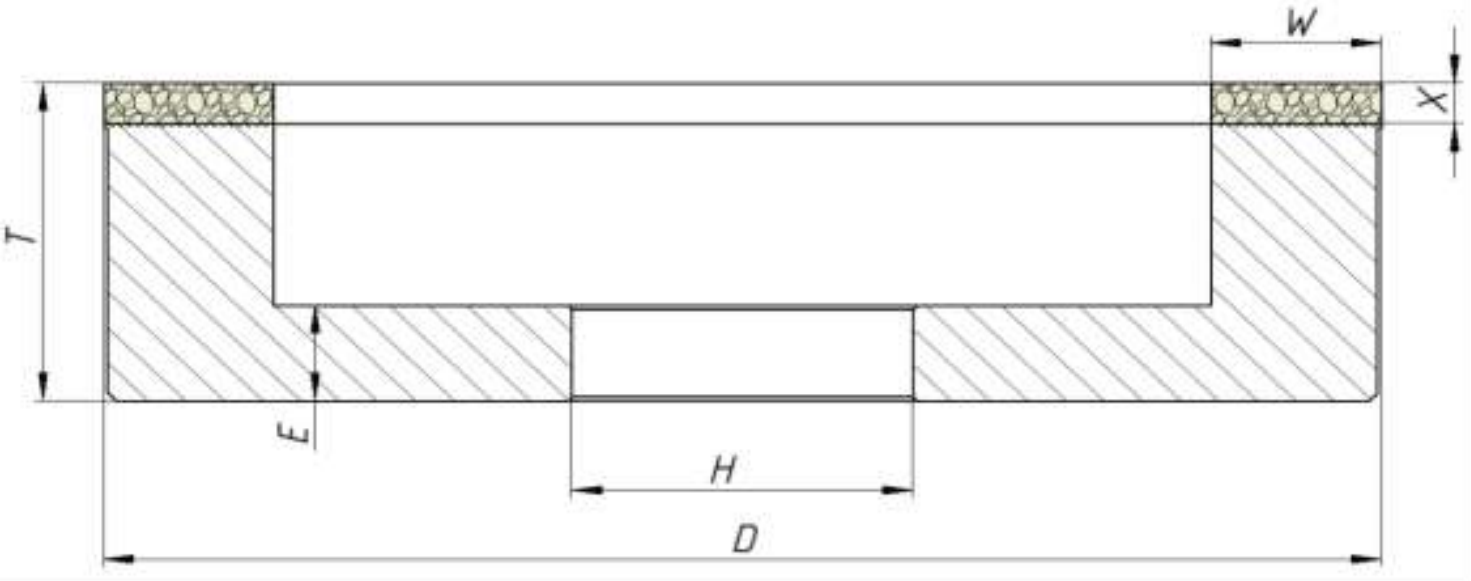


D mm	W mm	X mm	T mm	E mm	H mm
50	3-5	2; 3	20	6	according to the order
75	3-6	3; 6	20	6	
100	3-6	2-8	26; 32	8-10	
125	3-8	2-8	26; 40	9-10	
150	3-20	2-8	26; 40	9-10	
175	5-10	2-8	26; 40	9-10	
200	5-15	2-10	26; 50	11	
250	5-10	2-10	26; 50	13	

Order Sample: Shape D * T * W * X * H
12A2-45 150 x 26 x 10 x 5 x 32 D126 WH01

6A2

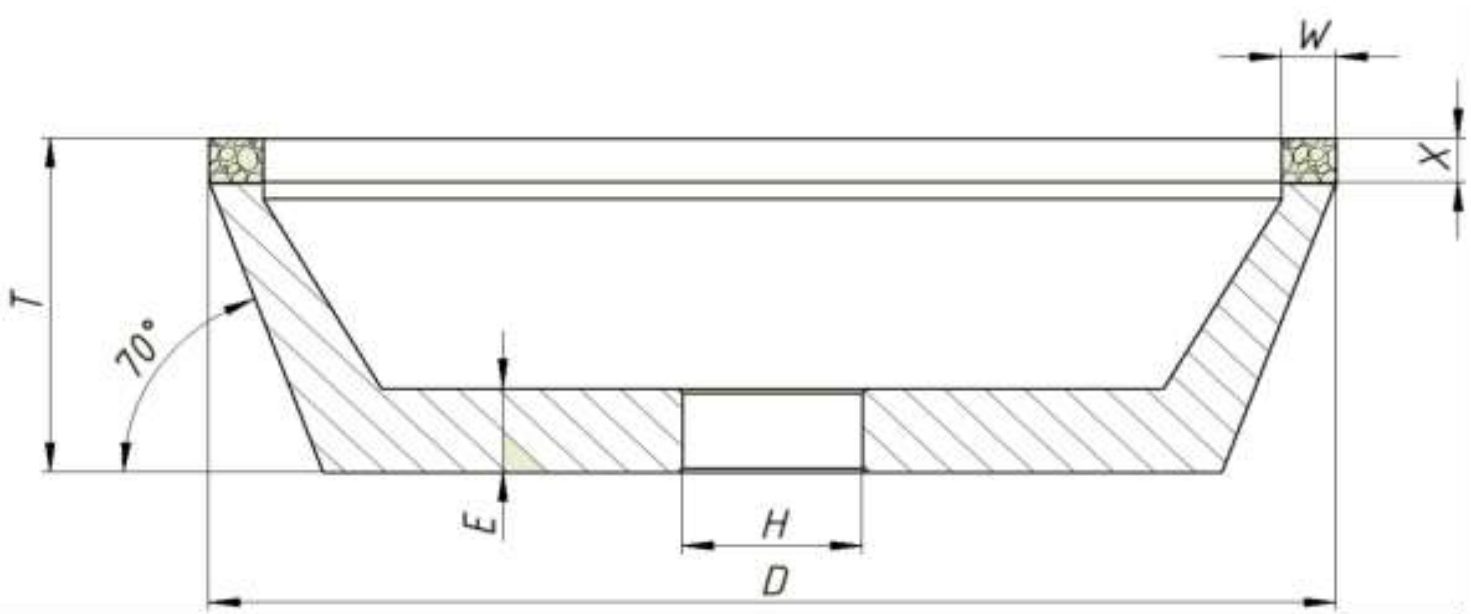
Grinding and sharpening on TC and HSS knives on machines Vollmer, WEINIG Rondomat 912, Göckel



D mm	W mm	X mm	T mm	E mm	H mm
100	3; 6	5; 6	40	10-12	according to the order
125	6; 8	5	12	12	
150	6; 8	5	12	12	
200	10; 13	6-10	40	12	
250	10; 20	10	50	15	

Order Sapmle: Shape D * T * W * X * H
 6A2 200 x 40 x 10 x 6 x 32 B181 WH01

Sharpening of TC and HSS knives on machines Vollmer, WEINIG Rondamat, Göckel; WIDMA Unimat; SATURN HKSC 600, HKS 600



D mm	W mm	X mm	T mm	E mm	H mm
100	5; 6	5; 6	40	10	according to the order
125	5; 6	5; 6	40	10	

Order Sapmle: Shape D * T * W * X * H
 11A2-70 100 x 40 x 5 x 5 x 20 D126 WH01

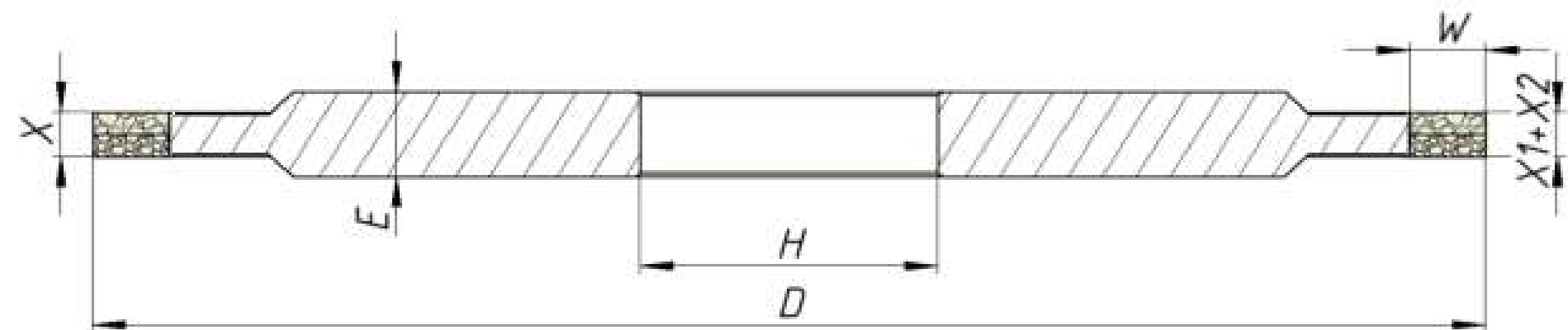
14A1; 14AA1



Any other shape is possible to produce by request with diamond or CBN powder.



Grinding and sharpening of the tooth sides of circular saw. Can be used on CNC machines like AKE AKEMAT U, U4, U6R2, B10; UT.MA AL802, AL804; WRIGHT; WALTER WOODTRONIC NC, WOODTRONIC NC3, WOODTRONIC NC5; WEINIG Rondamat



D mm	W mm	X mm	E mm	H mm
50	3-5	2+2	6	according to the order
100	3-6	2+2	8	
125	5-8	2,5+2,5	10	
150	5-8	3+3	10	
200	5-10	3+3	12	

Order Sapmle:

Shape

D * T * W * X * H

14AA1

150 x 12 x 6 x 6(3+3) x 32 D126/D46 WH01/WS03

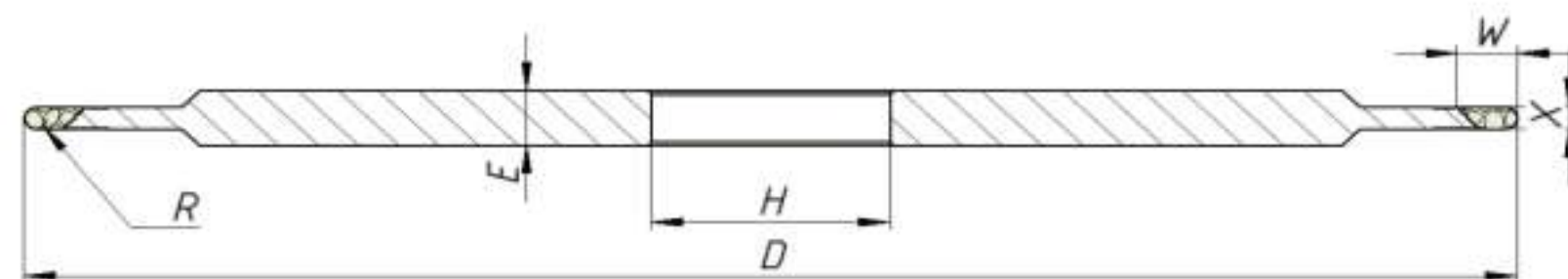
14F1; 1F1



Any other shape is possible to produce by request with diamond or CBN powder.



Sharpening and profiling of profiled knives of TC and HSS on machines WEINIG Rondamat; AKE AKEMAT U, U4, U6R2, B10; UT.MA AL802, AL804; WRIGHT; WALTER WOODTRONIC NC, WOODTRONIC NC3, WOODTRONIC NC5; STEHLE VARIO 92-1 DIAMOND PROFILE and DIAMOND UNIVERSAL, VARIO 92-2 CBN PROFILE and CBN UNIVERSA. Проточка корпусов дисковых пил и фрез, заточка на станках Businaro, Loroach CNC



D mm	W mm	X mm	E mm	H mm	R mm
50	5	2-4	5	according to the order	1; 1,5; 2
75	5	2-4	6		1; 1,5; 2; 2,5; 3
100	5	2-6	8		
125	5-8	1,3-12	6-12		0,65; 0,8; 1; 1,25; 1,5; 1,6; 2; 2,5; 3; 4; 5; 6
150	5-8	1,3-12	6-12		
175	5-8	1,3-12	6-12		
200	5-8	1,3-12	8-12		
250	5-8	1,3-12	10-12		

Order Sapmle:

Shape

D * T * W * X * H

14F1

200 x 8 x 7 x 3,2 x 32 x R1,6 D126 WH01

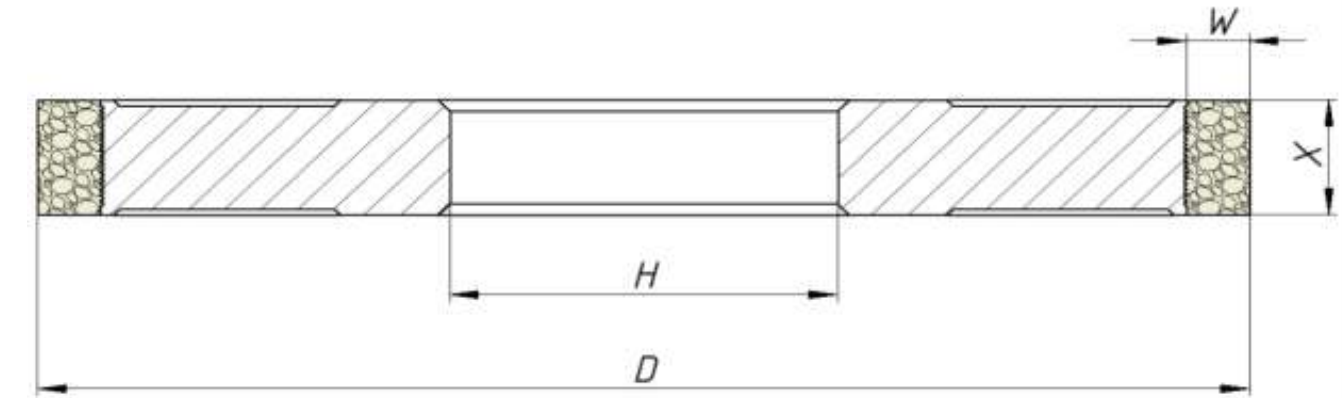
1A1



Any other shape is possible to produce by request with diamond or CBN powder.



Grinding and sharpening of the tooth sides of circular saw. Can be used on CNC machines like Vollmer also manual sharpening. Grinding of saw body for TC tips. Profiling of knives on machines WEINIG Rondamat; WALTER WOODTRONIC NC3. Flat grinding of knives on machines Geibel & Hotz GmbH FS 1060 SA



D mm	W mm	X mm	H mm
50	2-6	2-5	according to the order
75	2-6	2-5	
100	2-10	2-10	
125	2-10	2-10	
150	3-10	3-10; 20; 25	
200	3-10	3-10; 20; 25	
250	3-10	3-10; 20; 25	
300	3-10	3-10; 20; 25	
350	3-10	3-10; 20; 25	

Order Sample: Shape D * T * W * X * H
1A1 125 x 10 x 6 x 32 D126 WH01

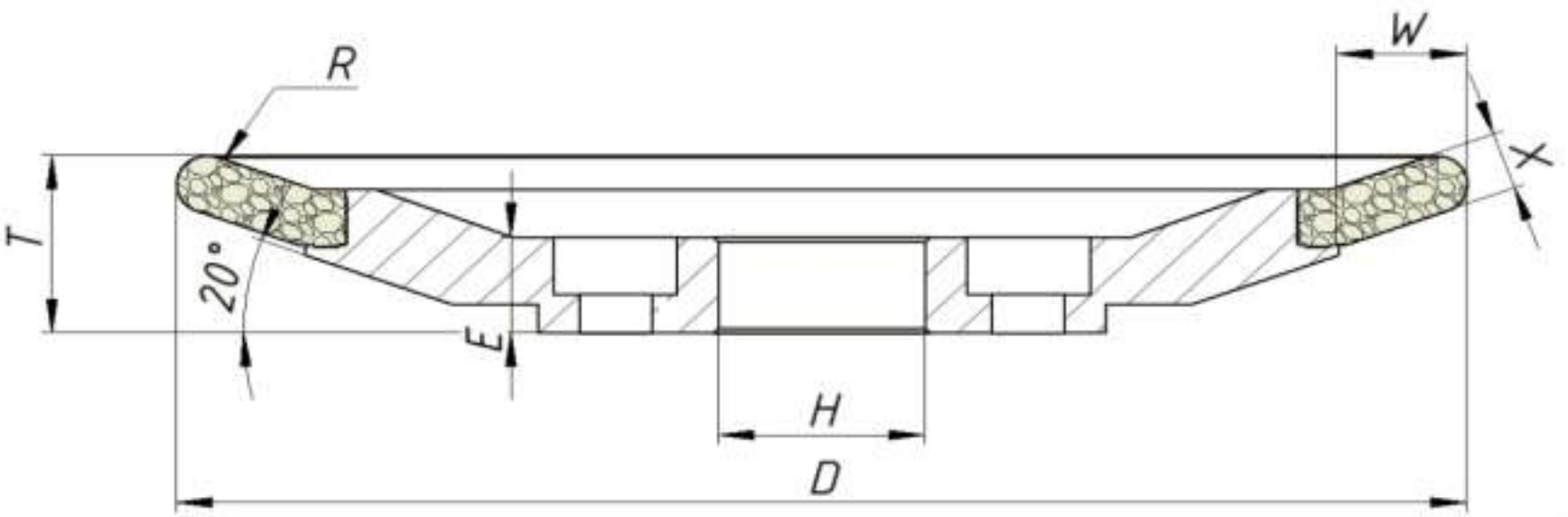
12F9-20



Any other shape is possible to produce by request with diamond or CBN powder.



Sharpening and profiling of HSS knives on machines CRP2000-ACEco

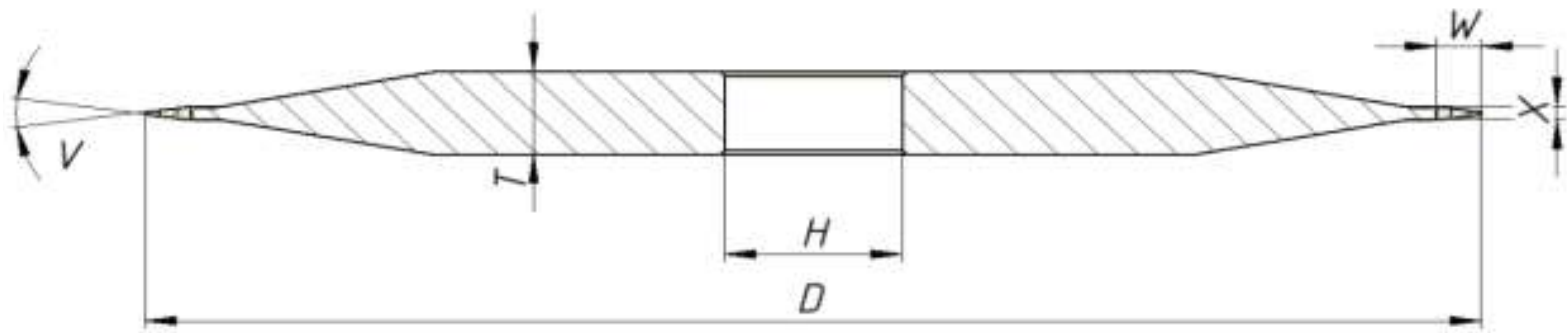


D mm	W mm	X mm	T mm	E mm	H mm	Тип
125	12	5	15	9-10	according to the order	1,5 – 3
150	12	5	15	10-11		
175	10	3-5	12-15	10-11		
200	10	5	15	10-11		

Order Sample: Shape D * T * W * X * H * R
12F9-20 125 x 15 x 12 x 6 x 22 R3 D126 WH01

1E1S

Production and shapening of TC and HSS mills3



D mm	W mm	X mm	T mm	E mm	H mm
150	6; 8	5	10	13°-15°	according to the order
200	6; 8	5	10	13°-15°	

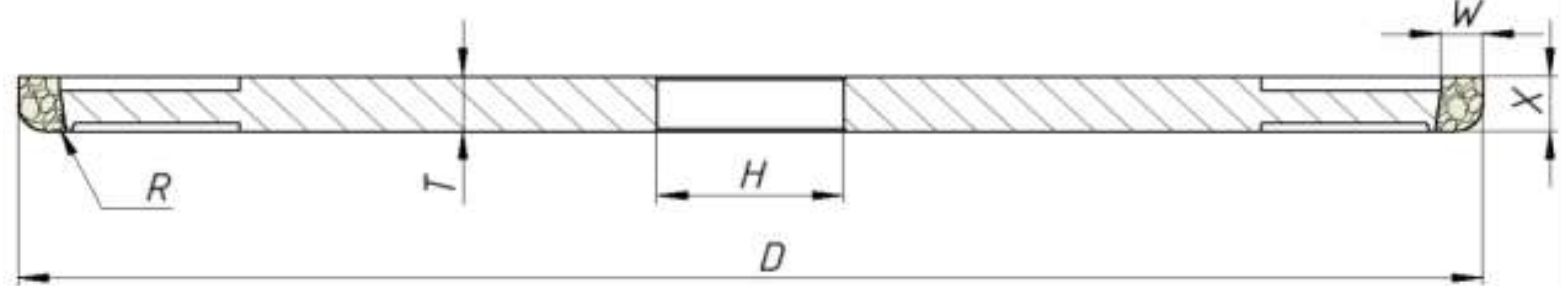
Any other shape is possible to produce by request with diamond or CBN powder.



Order Sapmle: Shape D * T * W * X * H
1E1S 150 x 10 x 5 x 1.6 x 15 x 20 D91 WH01

1Q1

Grinding and sharpening of belt saw teeth on machines Vollmer; Drozdowski; Iseli BC235



D mm	W mm	X mm	T mm	H mm	R mm
175	4-8	5	6; 8; 10; 12	according to the order	3; 4; 5; 6; 8
250	4-8	5	6; 8; 10; 12		

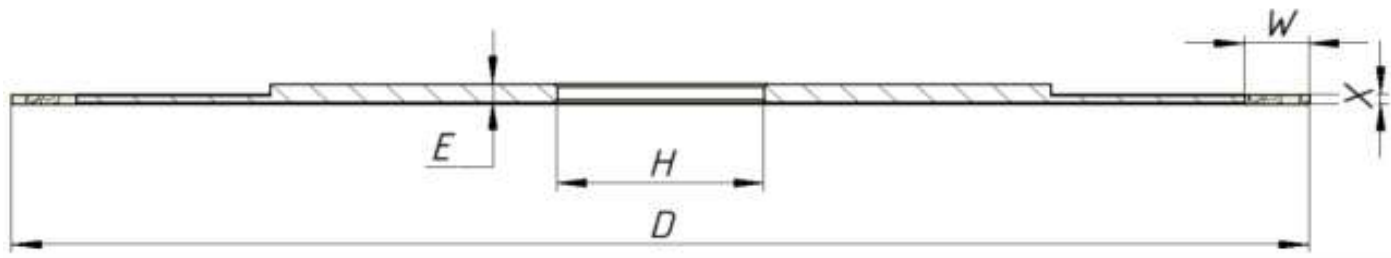
Any other shape is possible to produce by request with diamond or CBN powder.



Order Sapmle: Shape D * T * W * H * R
1Q1 250 x 10 x 8 x 32 R6 B210 DH01

1A1R

Cutting wheels for TC, HSS, ceramics and other hard to cut materials.



D mm	W mm	X mm	T mm	E mm	H mm
100	5; 8; 10	1,2-1,6	4	4	according to the order
125	5; 8; 10	1,2-1,6	4	4	
150	5; 8; 10	1,2-1,6	4	4	
200	5; 8; 10	1,2-1,6	4	4	

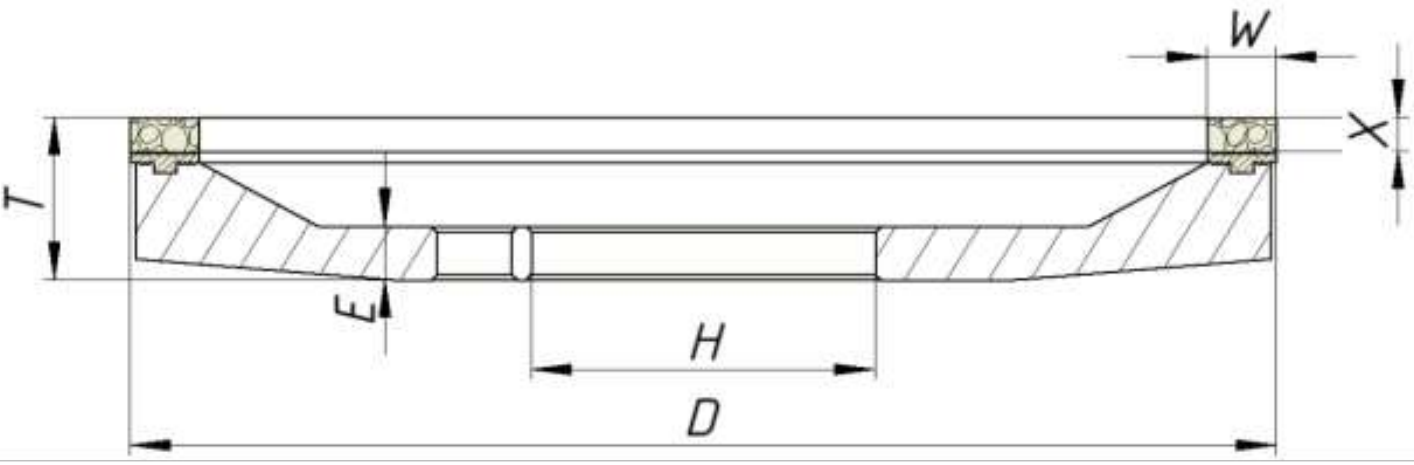
Any other shape is possible to produce by request with diamond or CBN powder.



Order Sapmle: Shape D * E * W * X * H
1A1R 200 x 4 x 8 x 1.6 x 32 D126 WH01

6A2B

Sharpening of TC and HSS round knives for paper cutting on machines HIMEL S.A. CLL370; KRYSTIAN; Gambini; OMET LECCO; LYISH. Sharpening of Monginindustry knives and other producers.



D mm	W mm	X mm	T mm	E mm	H mm
60	4	3-5	12	5	according to the order
100	5-6	3-5	15	5	
125	5-6	3-5	17	5-9	

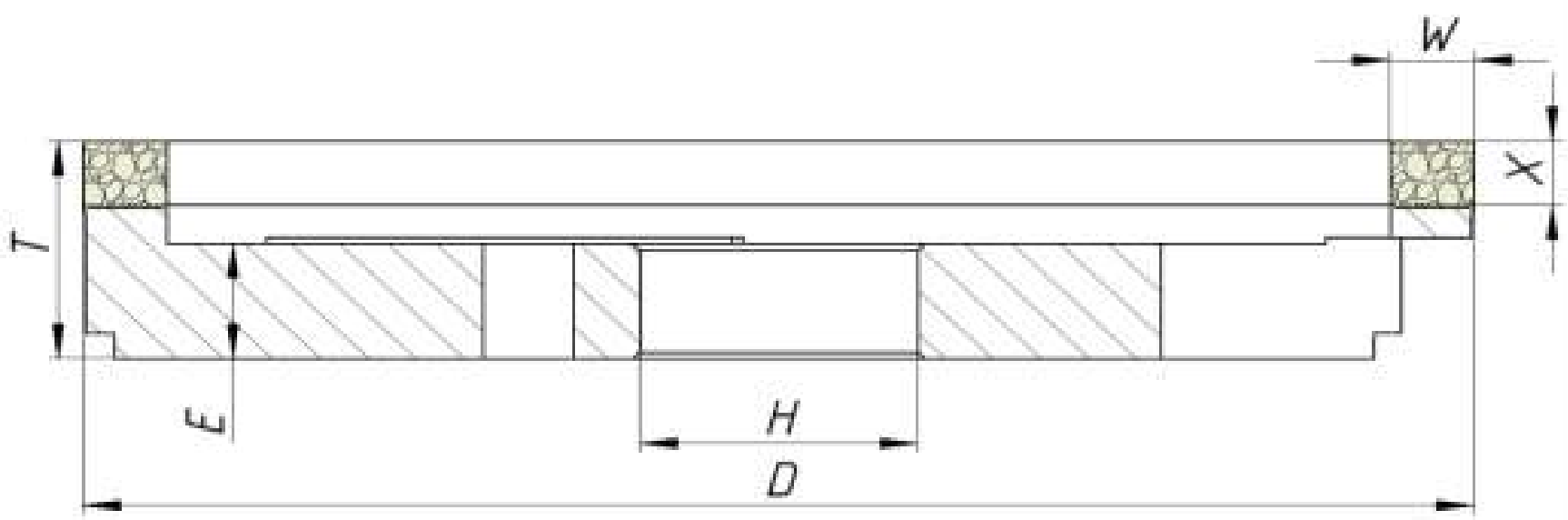
Order Sapmle: Shape D * T * W * X * H
 6A2B 100 x 15 x 6 x 3 x 32 B251 DS01



Any other shape is possible to produce by request with diamond or CBN powder. 

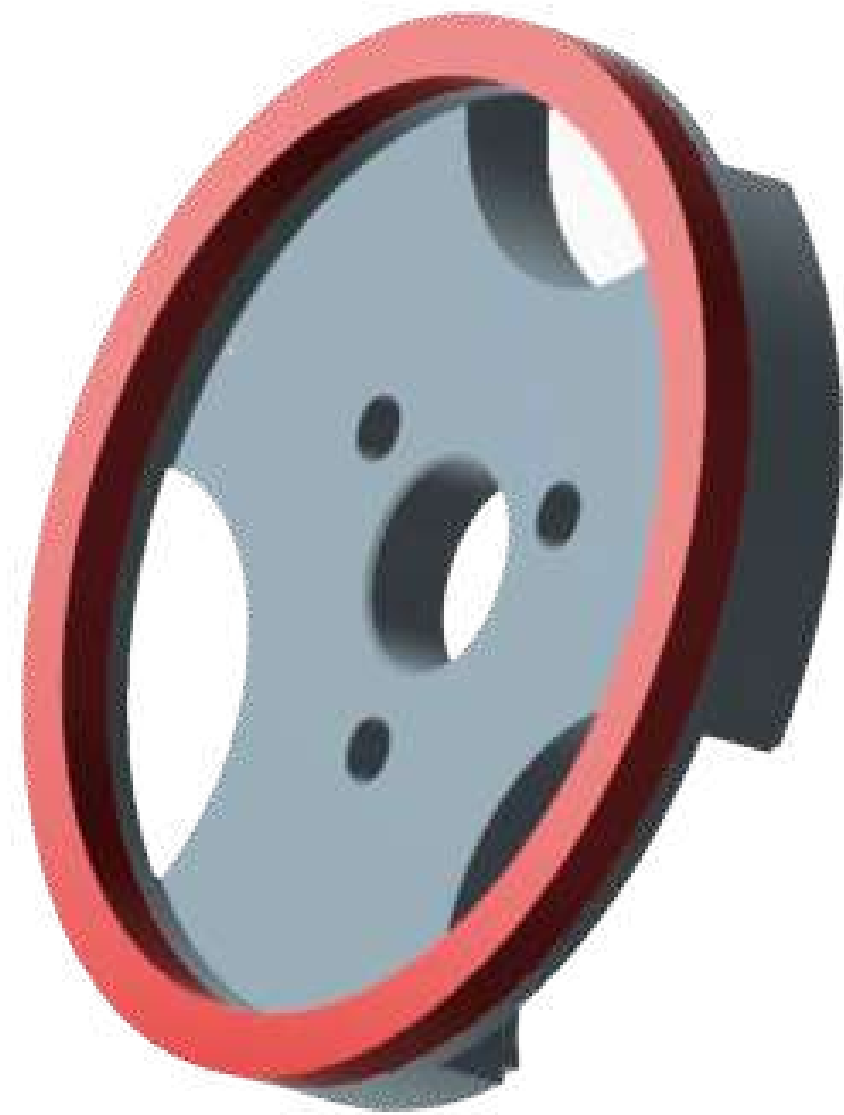
6A2H

Sharpening of TC and HSS round knives for paper cutting on machines HIMEL S.A. CLL370; KRYSTIAN; Gambini; OMET LECCO; LYISH. Sharpening of Monginindustry knives and other producers.



D mm	W mm	X mm	T mm	E mm	H mm
100	10	5	15-17	5-9	according to the order
125	7	5	15-17	5-9	

Order Sapmle: Shape D * T * W * X * H
 6A2H 100 x 17 x 6 x 5 x 20 D126 DS01



Any other shape is possible to produce by request with diamond or CBN powder. 

TYPE OF RESIN BONDS FOR WOODWORKING

BOND TYPE		WS	WM	WH
		DS	DM	DH
		SOFT  HARD		
HARDNESS LEVEL	SOFT  HARD	1	1	1
		2	2	2
		3	3	3
		4	4	4
		5	5	5

RESIN BONDS EXPLONATION

SHORT NMW	FULL NAME	RESIN BOND PURPOSE
WS	Water Soft	soft bond for WET grinding
DS	Dry Soft	soft bond for DRY grinding
WM	Water Medium	middle hardness bond for WET grinding
DM	Dry Medium	middle hardness bond for DRY grinding
WH	Water Hard	hard bond for WET grinding
DH	Dry Hard	hard bond for DRY grinding

FOR NOTES

Lined area for notes, consisting of 20 horizontal orange lines.

KYOTO DIAMOND TOOLS UKRAINE

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SUPERABRASIVE GRINDING SOLUTIONS

KYOTO DIAMOND TOOLS UKRAINE is a young promising company that produces tools from superabrasives with high requirements for performance and wear resistance.



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