

ZAI JSC- Berkovitsa, Bulgaria

Lines of Business: Manufacturing of abrasive instruments and trade activities
Capital: 77 747 EUR
Established: 1962
Ownership: Private joint stock company

Management Bodies: General Assembly of the Shareholders
Board of Directors
Publicity: Closed Company
Share Trade: Outside Bulgarian Stock Exchange - Sofia
Employees: 107
Export: 45%
Quality Management System: ISO 9001:1994 Certificate, TUF approval
Quality: EN 12413
Product Lines:

Reinforced disks for cutting off and rough grinding of metal and nonmetal materials
For general use
For special use

Abrasive tools:
On ceramic bond
On organic bond
On magnesite bond

Plates:
Plates flat
Plates of special profile
Plate pressing

Others:
Calibrating sleeves
Cores
Corpses

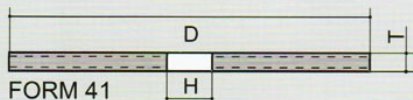
Technical data / Technische daten

Abrasive material Schleifmittel	A	24	R	BF	Bond Bindung
Electrocorundum normal Normalkorund	A				BF Resinoid reinforced Kunstharzbindung faserstoffverstärkt
Silicon carbide black Siliziumkarbid dunkel	C				
Grain size / Korngröße					Hardness / Härtegrad
coarse / grob		24			PR medial hard/mittel hard
medial / mittel		30			ST hard/hart



Miniflex Cutting Form 41

Miniflex Trennen Form 41

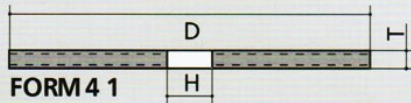


N°	Dimensions	Technical data	Max/revol.	Working speeds
1	50x1x6/10	A46T	30 570	80
2	50x1.2x6	A46T	30 570	80
3	50x1.6x6/9.5	A46T	30 570	80
4	50x1.8x6	A46T	30 570	80
5	50x2x6	A46T	30 570	80
6	50x3x10	A46T	30 570	80
7	50x4x6	A46T	30 570	80
8	60x1x6	A46T	25 470	80
9	60x1.2x6	A46T	25 470	80
10	60x1.6x6	A46T	25 470	80
11	60x1.8x6	A46T	25 470	80
12	60x2x6	A46T	25 470	80
13	60x4x6	A46T	25 470	80
14	65x1x6/8	A46T	23 510	80
15	65x1.2x6/8/10	A46T	23 510	80
16	65x1.6x6/8/10	A46T	23 510	80
17	65x1.8x6/8/10	A46T	23 510	80
18	70x1x6/8/10	A46T	21 800	80
19	70x1.6x6/8/10	A46T	21 800	80
20	70x1.8x6/8/10	A46T	21 800	80
21	75x1x6/8/10	A46T	20 440	80
22	75x1.2x6/8/10	A46T	20 440	80
23	75x1.6x6/8/10	A46T	20 440	80
24	75x1.8x6/8/10	A46T	20 440	80
25	80x1.1x10	A46T	19 100	80
26	80x2x10	A46T	19 100	80
27	90x1x10	A46T	16 900	80
28	90x1.2x10	A46T	16 900	80
29	90x1.6x10	A46T	16 900	80
30	90x1.8x10	A46T	16 900	80
31	100x1.2x6/9.5	A46T	15 280	80
32	100x1.6x9.5	A46T	15 280	80



Reinforced disks for cutting of inox products

Armierter Trennchleifscheiben fuer Inox



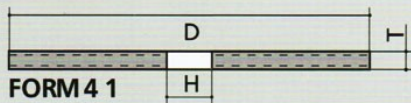
FORM 4 1

Nº	Dimensions	Technikal data	Max/revol.	Working speeds
1	115x1x22.23	A46T / A60T	13 300	80
2	115x1.2x22.23	A46T / A60T	13 300	80
3	115x1.6x22.23	A46T / A60T	13 300	80
4	125x1x22.23	A46T / A60T	12 200	80
5	125x1.2x22.23	A46T / A60T	12 200	80
6	125x1.6x22.23	A46T / A60T	12 200	80

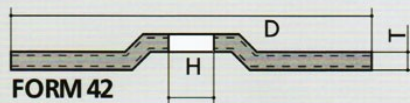


Reinforced disks for cutting of metal products

Armierter Trennchleifscheiben fuer Metallmaterialien



FORM 4 1



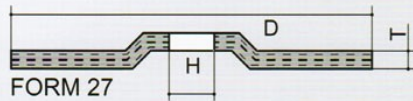
FORM 42

Nº	Dimensions	Technikal data	Max/revol.	Working speeds
1	115x2x22.23	A30R/A30T	13 300	80
2	115x2.5x22.23	A30R/A30T	13 300	80
3	115x3x22.23	A30R/A30T	13 300	80
4	125x2x22.23	A30R/A30T	12 200	80
5	125x2.5x22.23	A30R/A30T	12 200	80
6	125x3x22.23	A30R/A30T	12 200	80
7	150x2x22.23	A30R/A30T	10 200	80
8	150x2.5x22.23	A30R/A30T	10 200	80
9	150x3x22.23	A30R/A30T	10 200	80
10	180x2x22.23	A30R/A30T	8 500	80
11	180x2.5x22.23	A30R/A30T	8 500	80
12	180x3x22.23	A30R/A30T	8 500	80
13	230x2x22.23	A30R/A30T	6 600	80
14	230x2.5x22.23	A30R/A30T	6 600	80
15	230x3x22.23	A30R/A30T	6 600	80
16	F41 300x3.2x32	A30R/A30T	5 100	80
17	F41 350x3.5x25.4	A30R/A30T	4 370	80
18	F41 400x4x41	A30R/A30T	3 800	80



Reinforced disks for rough grinding metal products

Armierte Schleifscheiben fuer grobes Shleifen von Metalen

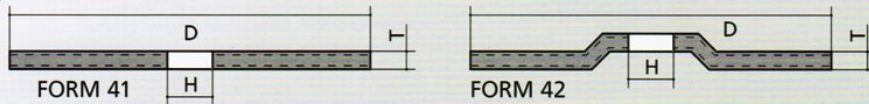


Nº	Dimensions	Technikal data	Max/revol.	Working speeds
1	115x6x22.23	A24R/A24T	13 300	80
2	115x8x22.23	A24R/A24T	13 300	80
3	115x10x22.23	A24R/A24T	13 300	80
4	125x6x22.23	A24R/A24T	12 200	80
5	125x8x22.23	A24R/A24T	12 200	80
6	125x10x22.23	A24R/A24T	12 200	80
7	150x6x22.23	A24R/A24T	10 200	80
8	150x8x22.23	A24R/A24T	10 200	80
9	150x10x22.23	A24R/A24T	10 200	80
10	180x6x22.23	A24R/A24T	8 500	80
11	180x8x22.23	A24R/A24T	8 500	80
12	180x10x22.23	A24R/A24T	8 500	80
13	230x6x22.23	A24R/A24T	6 600	80
14	230x8x22.23	A24R/A24T	6 600	80
15	230x10x22.23	A24R/A24T	6 600	80



Reinforced disks for cutting of non-metal products

Армиerte Trennscheiben fuer Nichtmetall materialien

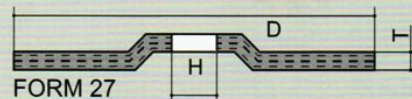


N°	Dimensions	Technical data	Max/revol.	Working speeds
1	115x2x22.23	C30S	13 300	80
2	115x3x22.23	C30S	13 300	80
3	125x2x22.23	C30S	12 200	80
4	125x3x22.23	C30S	12 200	80
5	150x2x22.23	C30S	10 200	80
6	150x3x22.23	C30S	10 200	80
7	180x2x22.23	C30S	8 500	80
8	180x3x22.23	C30S	8 500	80
9	230x2x22.23	C30S	6 600	80
10	230x3x22.23	C30S	6 600	80
11	F41 300x3x32	C24S	5 100	80
12	F41 400x4x51	C24S	3 800	80



Reinforced disks for rough grinding non-metal products

Армиerte Schleifscheiben fuer grobes Shleifen von Nichtmettalen



N°	Dimensions	Technical data	Max/revol.	Working speeds
1	115x6x22.23	C24R	13 300	80
2	115x8x22.23	C24R	13 300	80
3	115x10x22.23	C24R	13 300	80
4	125x6x22.23	C24R	12 200	80
5	125x8x22.23	C24R	12 200	80
6	125x10x22.23	C24R	12 200	80
7	150x6x22.23	C24R	10 200	80
8	150x8x22.23	C24R	10200	80
9	150x10x22.23	C24R	10 200	80
10	180x6x22.23	C24R	8 500	80
11	180x8x22.23	C24R	8 500	80
12	180x10x22.23	C24R	8 500	80
13	230x6x22.23	C24R	6 600	80
14	230x8x22.23	C24R	6 600	80
15	230x10x22.23	C24R	6 600	80

TR
ME
GRIND
ME
ЛАЙФ

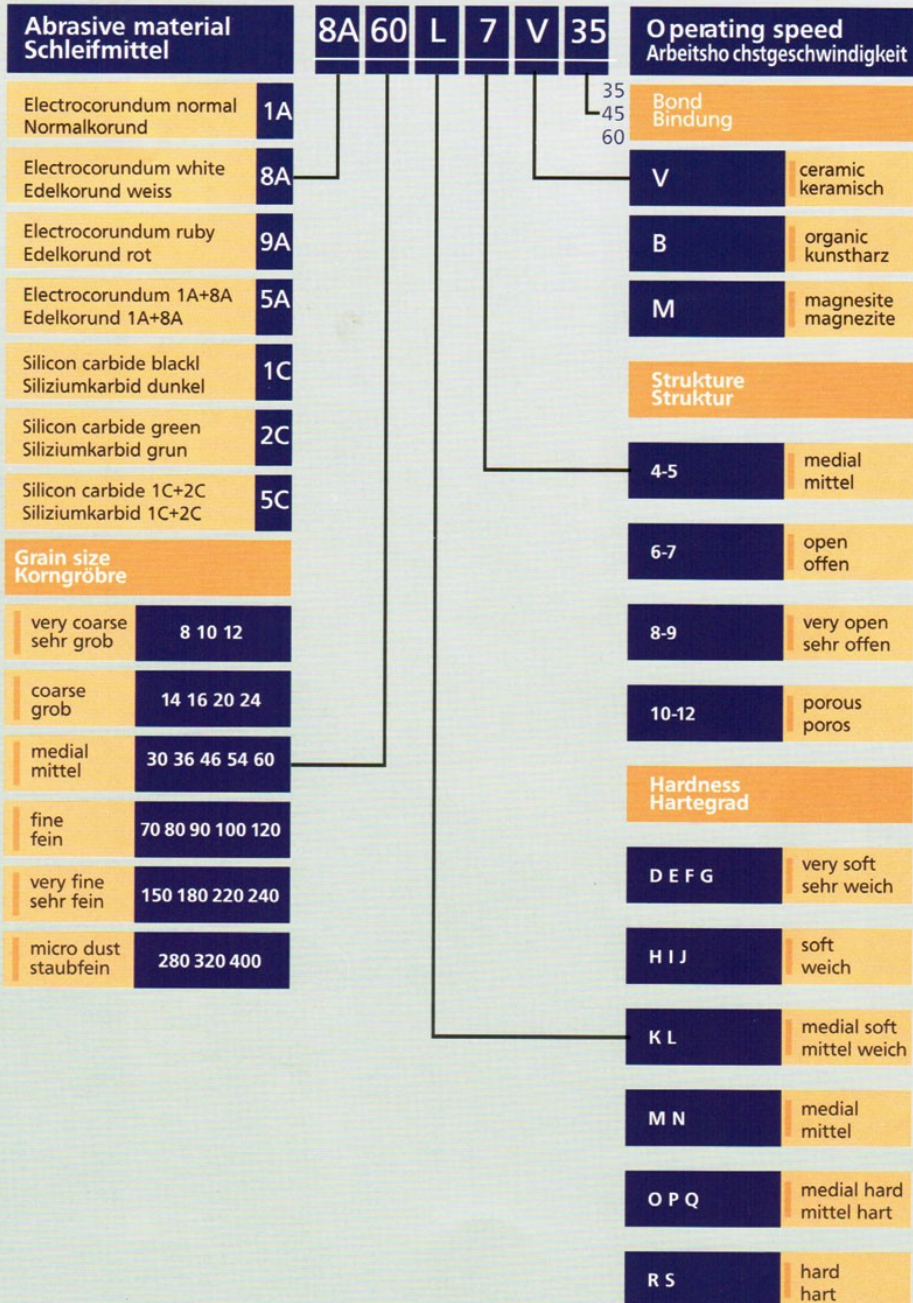


Abrasive tools with bakelite bond of electrocorundum and silicon carbide for general and special use

Abrasive tools with ceramic bond of electrocorundum normal and silicon carbide for general and special use

Abrasiveinstrumente aus Elektrokorund und Karborund auf Bakelitgrundlage zum allgemeinen und speziellen Anwendung

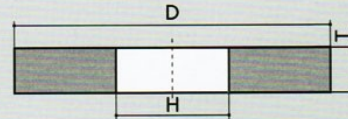
Abrasiveinstrumente aus Elektrokorund normal und Karborund auf Keramikbindung zum allgemeinen und speziellen Anwendung





Abrasive tools with ceramic bond of electrocorundum normal and silicon carbide for general and special use

Abrasive instrumente aus Elektrokorund normal und Karborund auf Keramikbindung zum allgemeinen und speziellen Anwendung

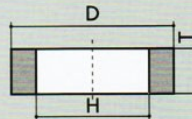


FORM 1

D	T	T	T	T	T	T	T	T	T	H	H	H
13	4	10	16	-	-	-	-	-	-	4	-	-
25	4	10	16	20	-	-	-	-	-	6	10	-
50	4	6	8	10	12	16	20	-	-	13	16	-
100	5	6	8	10	13	16	20	-	-	13	20	-
150	5	6	8	10	13	16	20	25	-	20	32	-
200	6	8	10	13	16	20	25	32	40	20	32	51
250	13	16	20	25	32	40	-	-	-	32	51	76
300	13	16	20	25	32	40	50	-	-	51	76	127
350	16	20	25	32	40	50	63	100	-	51	76	127
400	20	25	32	40	50	63	80	100	-	127	203	305
450	20	25	32	40	50	63	80	100	-	127	203	305
500	25	32	40	50	63	80	100	150	250	203	305	-
600	25	32	40	50	63	80	100	150	250	203	305	-
750	25	32	40	50	63	80	100	-	-	203	305	-
900	20	25	32	40	50	63	80	100	-	305	-	-

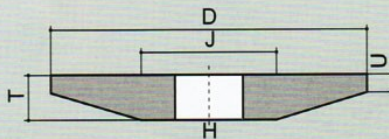
FORM 2

D	T	H	H
150	80	118	-
175	80	135	-
200	100	150	160
250	100	200	-
300	100	326	-
350	125	270	-



FORM 3

D	T	H	H	U	J
80	5	13	-	1	40
100	6	20	-	2	50
125	8	20	32	2	63
150	8	20	32	2	75
175	10	20	32	3	85
200	13	20	32	3	100
250	13	20	32	3	125



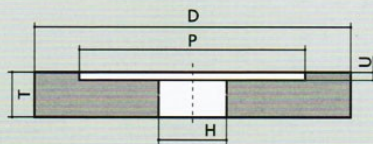
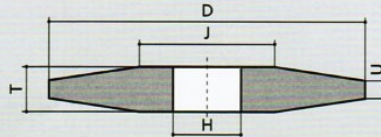


Abrasive tools with ceramic bond of electrocorundum normal and silicon carbide for general and special use

Abrasive instrumente aus Elektrokorund normal und Karborund auf Keramikbindung zum allgemeinen und speziellen Anwendung

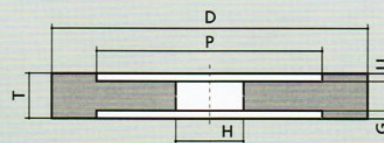
FORM 4

D	T	H	U	J
80	8	13	2	35
100	10	20	2	40
125	10	32	2	60
150	13	32	2	65
175	13	32	3	100
200	16	32	3	100
250	20	32	4	130



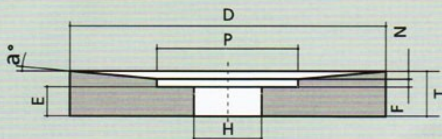
FORM 5

D	T	T	T	H	P	F
200	40	60	-	76	125	-
250	50	60	-	76	150	-
300	50	80	-	127	190	-
350	50	80	-	127	215	(*)
400	50	80	100	127	215	-
500	80	100	150	203	290	-
500	80	100	150	305	390	-
600	80	100	150	305	390	-
750	80	100	-	305	410	-



FORM 7

D	T	T	T	H	P	F	G
200	40	60	-	76	125	-	-
250	50	60	-	76	150	-	-
300	50	80	-	127	190	-	-
350	50	80	-	127	215	(*)	(*)
400	50	80	100	127	215	-	-
500	80	100	150	203	290	-	-
500	80	100	150	305	390	-	-
600	80	100	150	305	390	-	-
750	80	100	150	305	410	-	-



FORM 23

D	T	H	P	E	α°
300	50	127	200	25	20
350	50	127	265	25	20
500	50	203	375	25	15
600	80	305	375	35	10
700	80	305	500	35	10

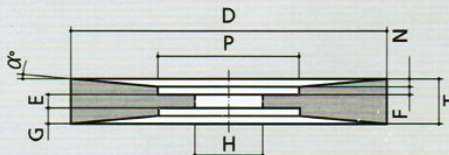


Abrasive tools with ceramic bond of electrocorundum normal and silicon carbide for general and special use

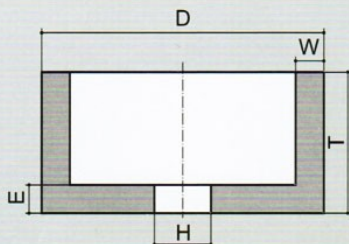
Abrasive instrumente aus Elektrokorund normal und Karborund auf Keramikbindung zum allgemeinen und speziellen Anwendung

FORM 26

D	T	H	P	E	α°
750	80	305	500	16	5



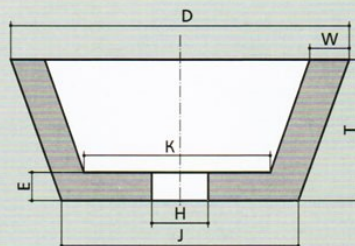
FORM 6



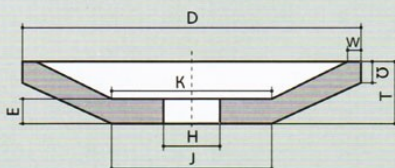
D	T	H	H	W	E
50	32	13	-	5	8
63	40	13	-	5	8
80	40	13	-	6	10
100	50	20	32	8	10
125	63	20	32	10	13
150	80	20	32	16	20
175	80	51	76	20	20
200	100	76	76	20	20
250	100	76	76	20	20

FORM 11

D	T	H	H	W	E	J	K
50	32	13	10	5	8	40	22
80	32	20	13	6	8	53	45
100	40	20	-	8	10	75	65
125	45	20	32	10	13	96	80
150	50	32	20	10	15	114	100



FORM 12



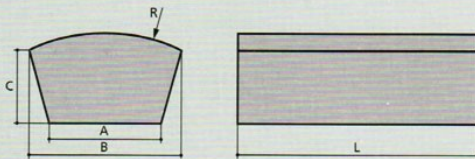
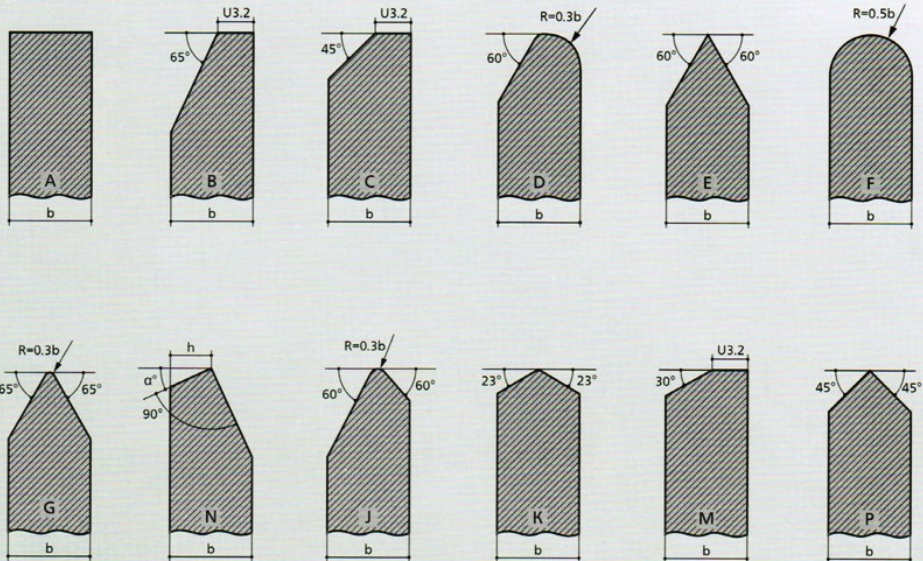
D	T	H	H	W	U	E	K
80	10	13	20	4	2	6	25
100	13	20	-	5	3	7	31
125	13	20	32	6	3	7	61
150	13	20	32	8	3	7	66
150	13	32	32	8	-	9	66



Abrasive tools with ceramic bond of electrocorundum normal and silicon carbide for general and special use

Abrasive instrumente aus Elektrokorund normal und Karborund auf Keramikbindung zum allgemeinen und speziellen Anwendung

Normal Sections

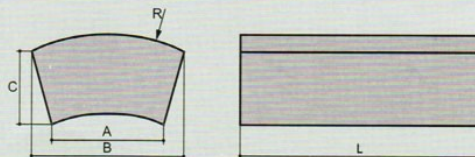


3104

B	A	C	L	R
90	55	38	150	175

3103

B	A	R	L
115	93	43	125
32	60	30	100
35	65	20	100
35	65	20	100
40	70	25	100
42	65	25	100
50	75	35	125
54	75	20	100

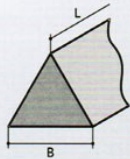




Abrasive tools with ceramic bond of electrocorundum normal and silicon carbide for general and special use

Abrasive instrumente aus Elektrokorund normal und Karborund auf Keramikbindung zum allgemeinen und speziellen Anwendung

9020



B	L
8	150
10	100
10	150
15	150
16	150
20	150
20	200
20	300
30	300

9030

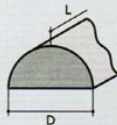


D	L
8	150
10	150
15	100
15	150
16	150
20	150

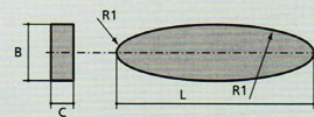
9050

B	C	L	R	R1
36	13	230	500	6

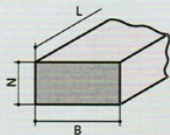
9040



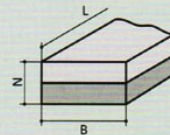
D	L
10	100
15	150
20	200



3101B

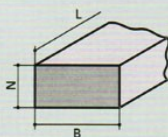


B	C	L
40	40	100
50	25	150
50	25	200
80	25	150
90	35	150
120	40	180



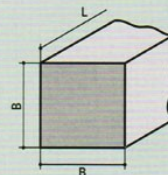
B	C	L
25	13	100
25	20	125
40	25	150
50	25	200
25	20	100

54



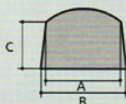
90

B	C	L
13	6	100
10	5	100
13	6	150
30	13	200



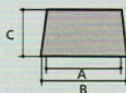
B	L
6	100
10	100
13	150
16	150
20	300

3102



A	B	C	D	R
85	100	35	150	230
175	185	50	150	400

3109



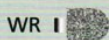
A	B	C	L
50	60	15	125
65	100	35	150
85	100	35	150



Mounted points



DxT	SxL
5x10	3x40
6x13	3x40
8x10	3x40
8x16	3x40
10x2	3x40
10x13	6x40
10x20	6x40
10x32	6x40
13x3	3x40
13x6	3x40
13x16	6x40
13x25	6x40
16x4	6x40
16x8	6x40
16x20	6x40
16x32	6x40
16x50	6x40
20x5	6x40
20x10	6x40
20x25	6x40
20x40	6x40
25x6	6x40
25x13	6x40
25x32	6x40
32x8	6x40
32x16	6x40
32x40	8x40
40x10	6x40
40x20	6x40
50x13	6x40
50x25	8x40



DxT	SxL
13x20	6x40
20x25	6x40



DxT	SxL
10x10	6x40
13x13	6x40
16x16	6x40
20x20	6x40
25x25	6x40
32x32	6x40



8x16	3x40
13x20	6x40
20x32	6x40



20x16	6x40
25x20	6x40
32x25	6x40
40x32	6x40



13x20	6x40
20x25	6x40
25x32	8x40
32x40	6x40



Ø13	6x40
Ø20	6x40
Ø25	6x40
Ø32	6x40



20x63	6x40
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25x70	6x40
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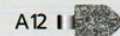
32x30	6x40
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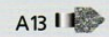
DxT	SxL
20x29	6x40



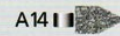
22x50	6x40
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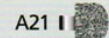
18x32	6x40
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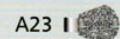
32x32	6x40
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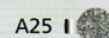
18x22	6x40
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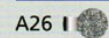
25x25	6x40
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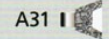
20x25	6x40
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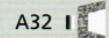
∩25	6x40
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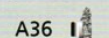
∩16	6x40
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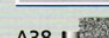
35x25	6x40
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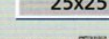
25x16	6x40
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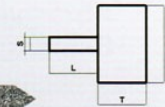
40x10	6x40
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25x25	6x40
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40x40	6x40
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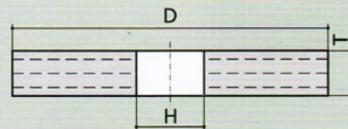
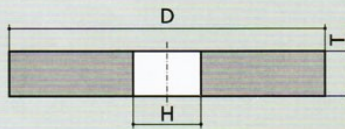


Abrasive tools with bakelite bond of electrocorundum and silicon carbide for general and special use

Абразивинструменте aus Elektroкорунд und Karborунд auf Bakelitgrundlage zum allgemeinen und speziellen Anwendung

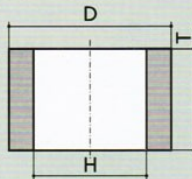
FORM 1

D	T	T	T	T	T	T	T	T	T	H	H	H
65	0.6	1	15	2	2.5	3	-	-	10	-	-	-
80	0.6	1	15	2	2.5	3	-	-	10	-	-	-
110	0.6	1	15	2	2.5	3	-	-	10	-	-	-
125	0.6	1	15	2	2.5	3	-	-	20	32	-	-
150	0.6	1	15	2	3	20	25	32	20	32	-	-
200	15	2	2.5	20	25	32	-	-	20	32	51	-
250	13	16	20	25	32	40	-	-	32	51	76	-
300	13	16	20	25	32	40	50	-	51	76	127	-
350	16	20	25	32	40	50	63	-	51	76	127	-
400	20	25	32	40	50	63	80	-	127	203	305	-
450	20	25	32	40	50	63	80	-	127	203	305	-
500	25	32	40	50	63	80	100	-	203	305	-	-
600	25	32	40	50	63	80	100	-	203	305	-	-
750	25	32	40	50	63	80	100	-	203	305	-	-
760	25	32	40	50	63	80	100	-	203	305	-	-



FORM 2

D	T	H	H
150	80	118	-
175	80	135	-
200	100	150	160
250	100	200	-
300	100	326	-
350	125	270	-
400	125	320	-
450	125	370	-



ТН
МЕТ
GRINDI
МЕТ
ШАПАЙФА

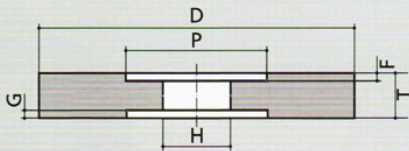
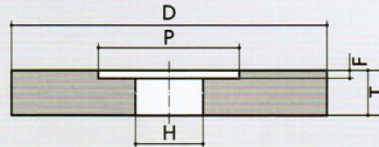


Abrasive tools with bakelite bond of electrocorundum and silicon carbide for general and special use

Абразивинструменте aus Elektrokorund und Karborund auf Bakelitgrundlage zum allgemeinen und speziellen Anwendung

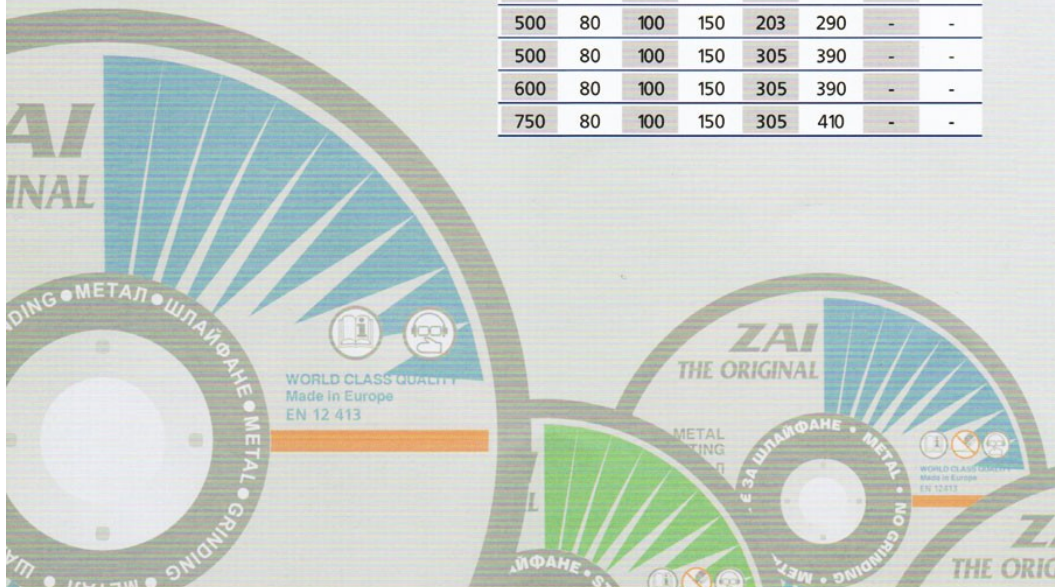
FORM 5

D	T	T	T	H	P	F
200	40	80	-	76	125	-
300	50	80	-	76	150	-
300	50	80	-	127	190	-
350	50	80	-	127	215	(*)
400	50	80	100	127	215	-
500	80	100	150	203	290	-
500	80	100	150	305	390	-
600	80	100	150	305	390	-
750	80	100	150	305	410	-



FORM 7

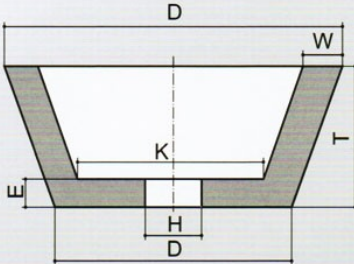
D	T	T	T	H	P	F	G
200	40	80	-	76	125	-	-
300	50	80	-	76	150	-	-
300	50	80	-	127	190	-	-
350	50	80	-	127	215	(*)	(*)
400	50	80	100	127	215	-	-
500	80	100	150	203	290	-	-
500	80	100	150	305	390	-	-
600	80	100	150	305	390	-	-
750	80	100	150	305	410	-	-





Abrasive tools with bakelite bond of electrocorundum
and silicon carbide for general and special use

Abrasinstrumente aus Elektrokorund und Karborund auf
Bakelitgrundlage zum allgemeinen und speziellen Anwendung

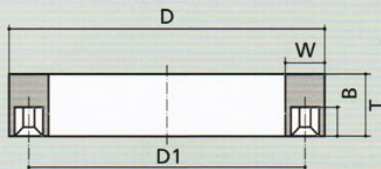
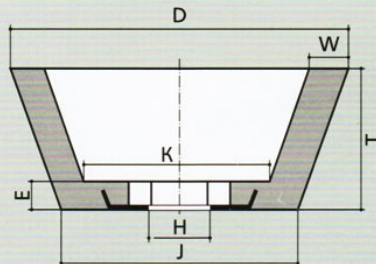


FORM 11M

D	T	H	W	E	K	J
110	55	22.2	20	12	45	90
130	55	22.2	30	12	50	90

FORM 11M

D	J	T	H	W	E	K
110	90	55	M14	20	20	48
125	100	50	M14	25	20	50
125	100	55	M14	25	20	50
150	120	50	5/8"-11	40	20	54
150	120	50	M14	40	20	54



FORM 202

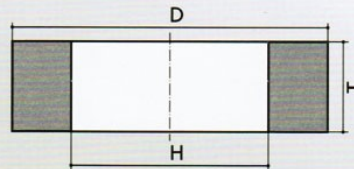
D	D1	T	W	B	
400	320	100	40	19	M12
500	420	100	40	20	M10
508	404	102	52	13	M10
612	502	90	55	18	M10



Abrasive tools with magnesite bond

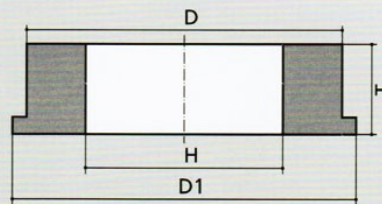
FORM 1

D	T	H
1200	300	510
900	100	305



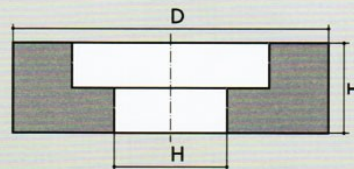
FORM 2

D	D1	T	H
260	265	100	210
350	360	125	270
450	460	125	360
700	-	150	510



FORM 5

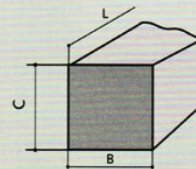
D	T	H
150	40	40



FORM 90

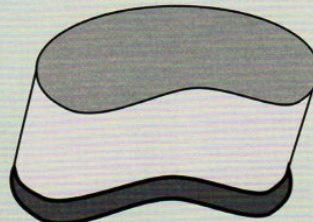
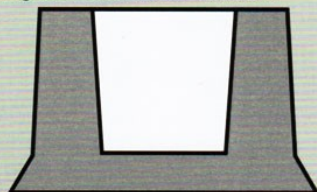
B	C	L
40	40	60
40	40	100

Quality № 0, 1, 2, 3, 4, 5



Kidney-form/sharped segment: № 0, 1, 2, 3, 4, 5

Segment "Frankfurt" № 0, 1, 2, 3, 4, 5



Quality № 0, 1 are for rough grinding
Quality № 2, 3, 4, 5 are for fine grinding



Operating speeds (RPM.) of grinding wheel with various circumferential speeds and diameters

Outer Diameter		Circumferential speeds (m/sn.)										
Diameter		10	15	20	25	30	35	40	45	50	60	80
Actual	Range	Maximum attainable RPM (Revolution/min)										
3	-	63 630	19 010	127 320	159 160	190 990	222 820	254 650	286 480	318 310	381 970	509 300
4	-	47 700	76 430	95 540	119 420	134 310	167 190	191 080	214 960	238 850	286 620	382 160
5	-	38 180	61 090	76 360	95 450	114 650	133 630	152 730	171 820	190 910	229 090	305 460
6	-	31 810	50 910	63 660	79 620	95 490	111 410	127 320	143 240	159 160	190 990	254 650
8	7-8	23 880	38 210	47 750	59 680	71 620	83 560	95 540	107 430	119 370	143 240	190 990
10	9-10	19 090	30 540	38 200	47 750	57 300	63 850	76 390	85 940	95 490	114 590	152 790
13	-	14 680	23 490	29 380	36 730	44 070	51 420	58 770	66 110	73 460	88 150	117 530
16	-	11 930	19 909	23 870	29 840	35 310	41 780	47 750	53 720	59 680	71 620	95 490
20	19-20	9 540	15 270	19 100	23 870	28 650	34 390	38 200	42 970	47 750	57 300	76 390
25	24-26	7 630	12 210	15 280	19 100	22 920	26 740	30 560	34 380	38 200	45 840	61 120
32	31-33	5 960	9 540	11 940	14 920	17 910	20 890	23 870	26 860	29 840	35 810	47 750
35	34-36	5 450	8 720	10 900	13 630	16 360	19 090	21 810	24 540	27 270	32 720	43 630
40	39-40	4 770	7 630	9 550	11 940	14 320	16 710	19 100	21 490	23 870	28 650	38 200
45	44-48	4 240	6 780	8 480	10 600	12 720	14 840	16 970	19 090	21 210	25 450	33 940
50	49-52	3 810	6 100	7 640	9 550	11 460	13 370	15 280	17 190	19 100	22 920	30 560
60	57-61	3 180	5 090	6 360	7 950	9 540	11 130	12 720	14 310	15 900	19 090	25 450
63	62-65	3 030	5 090	6 060	7 580	9 100	10 610	12 130	13 640	15 160	18 190	24 250
70	66-72	2 720	4 360	5 450	6 810	8 180	9 540	10 900	12 270	13 630	16 360	21 810
75	73-76	2 540	4 070	5 090	6 370	7 640	8 910	10 190	11 460	12 740	15 290	20 380
80	77-82	2 380	3 810	4 780	5 970	7 160	8 360	9 550	10 740	11 940	14 320	19 100
90	87-92	2 120	3 390	4 240	5 300	6 360	7 420	8 480	9 540	10 600	12 720	16 970
100	97-102	1 900	3 050	3 820	4 780	5 730	6 680	7 640	8 590	9 550	11 460	15 280
115	114-117	1 660	2 650	3 320	4 150	4 980	5 810	6 640	7 470	8 300	9 960	13 280
125	125-127	1 520	2 440	3 060	3 820	4 580	5 350	6 110	6 880	7 640	9 170	12 220
130	128-133	1 460	2 340	2 930	3 670	4 400	5 130	5 870	6 600	7 340	8 810	11 740
150	150-153	1 270	2 030	2 550	3 180	3 820	4 460	5 090	5 730	6 370	7 640	10 190
175	171-176	1 090	1 740	2 180	2 720	3 270	3 810	4 630	4 900	5 450	6 540	8 720
180	177-180	1 060	1 690	2 120	2 650	3 180	3 710	4 240	4 780	5 310	6 370	8 600
200	200-204	950	1 520	1 910	2 390	2 870	3 340	3 820	4 300	4 780	5 730	7 640
225	222-227	840	1 350	1 690	2 120	2 540	2 960	3 390	3 810	4 240	5 090	6 780
230	228-230	830	1 320	1 660	2 080	2 490	2 910	3 320	3 740	4 150	4 980	6 600
250	250-254	760	1 220	1 530	1 910	2 290	2 670	3 060	3 440	3 820	4 580	6 110
300	300-305	630	1 010	1 270	1 590	1 910	2 230	2 550	2 870	3 180	3 820	5 090
350	350-356	540	870	1 090	1 360	1 640	1 910	2 180	2 460	2 730	3 270	4 370
400	400-407	470	760	960	1 190	1 430	1 670	1 910	2 150	2 390	2 870	3 820
450	450-458	420	670	850	1 060	1 270	1 490	1 700	1 910	2 120	2 550	3 400
500	500-508	380	610	760	960	1 150	1 340	1 530	1 720	1 910	2 290	3 060
600	600-610	310	500	640	800	960	1 110	1 270	1 430	1 590	1 910	2 550
700	700-712	270	430	550	680	820	960	1 090	1 230	1 360	1 640	2 180
750	750-762	250	400	510	640	760	890	1 020	1 150	1 270	1 530	2 040
800	800-813	230	380	480	600	720	840	960	1 070	1 190	1 430	1 910
850	900-915	220	350	450	560	670	790	900	1 010	1 120	1 350	1 800
900	1000-1016	210	330	420	530	640	740	850	960	1 060	1 270	1 700
1000	1050-1067	190	300	380	480	570	670	760	860	960	1 150	1 530
1050	1100-1120	180	280	360	450	540	630	720	810	900	1 080	1 440
1100	1150-1169	170	270	350	430	520	610	690	780	870	1 040	1 390
1150	1200-1220	160	260	330	420	500	580	660	750	830	1 000	1 330
1200	-	150	250	320	400	480	560	640	720	800	960	1 270
1500	-	120	200	260	320	380	450	510	570	640	760	1 020



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