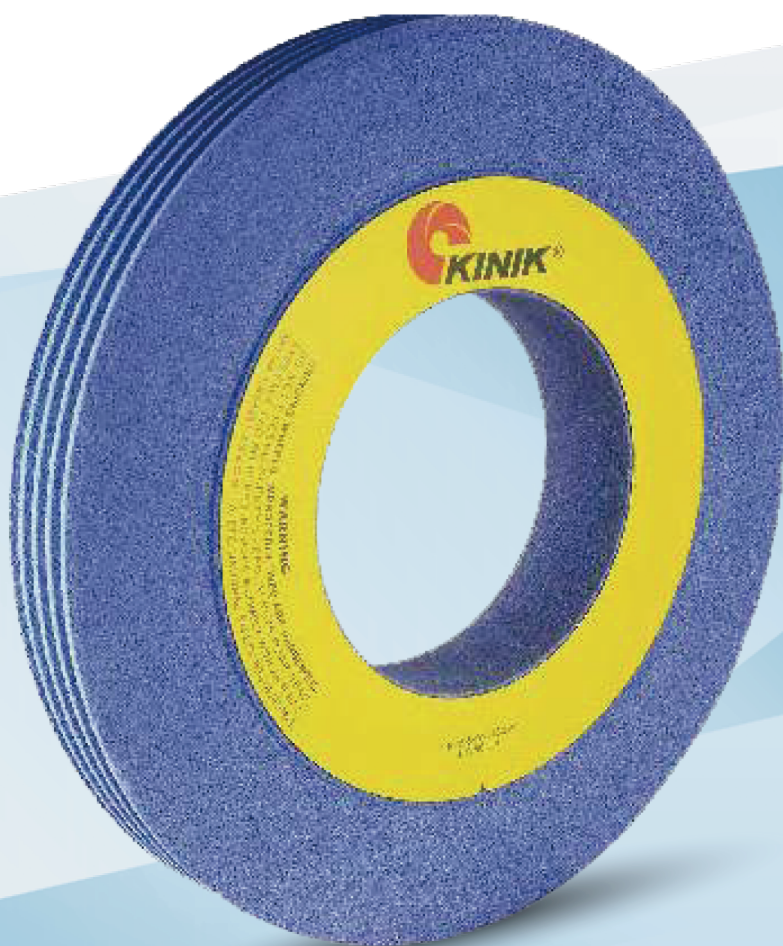
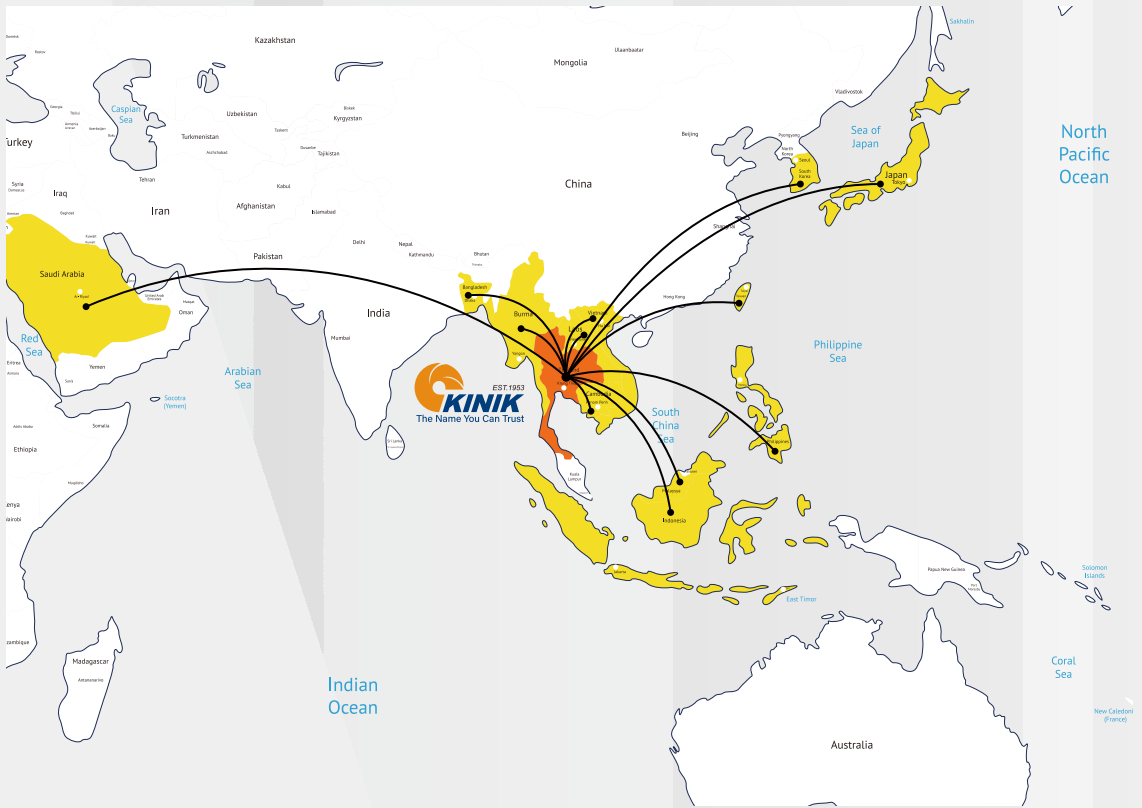


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CATALOGUE & TECHNICAL GUIDE





Headquarter, Taipei (Taiwan)

KINIK, which was established in 1953, is the first manufacturer of grinding wheel in Taiwan, and has 17 distributors all over the world. We continually optimize the quality of our products and service in every industrial market.



Headquarter, Prachinburi (Thailand)

KINIK-THAI was established in 1995, We continually optimize the quality of our products and service in every industrial market.



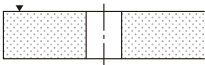
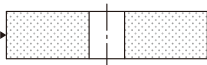
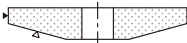
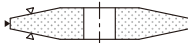
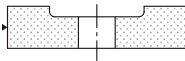
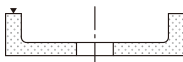
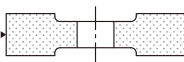
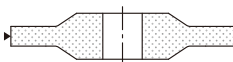
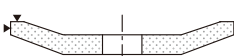
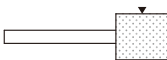
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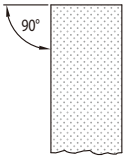
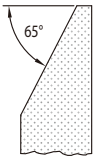
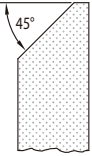
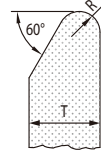
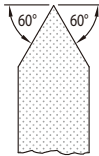
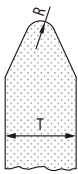
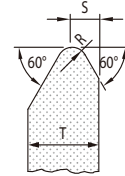
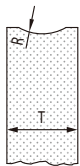
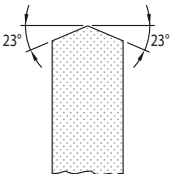
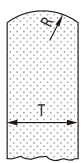
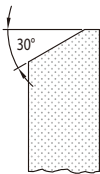
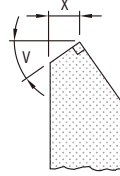
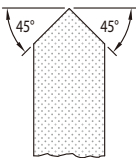
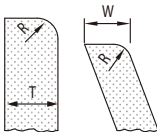
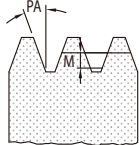
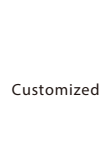
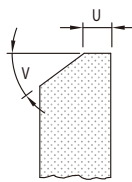
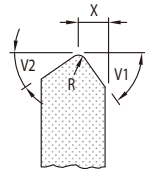
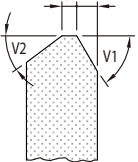
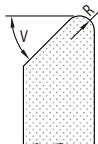
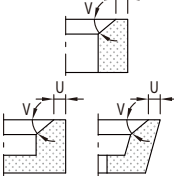
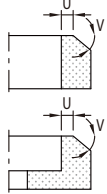
Conventional Grinding Wheel

1	A	305 x 25 x 127	WA	46	K	8	V	7N
1	2	3	4	5	6	7	8	9

1.Shapes : These drawings are main geometries, other shapes can be custom-made.

0 Circular 	1 Straight 	2 Cylinder 
3 Tapered one side 	4 Tapered two side 	5 Recessed one side 
6 Straight cup 	7 Recessed two side 	10 Raised dovetail 
11 Flaring cup 	12 Dish type 	27 Depressed center 
30 Cut-off 	40 Mounted 	60 Cuboid 

2.Faces

A 	B 	C 	D  $R = \frac{3}{10} T$	E 
F  $R = \frac{1}{2} T$	G  $R = \frac{1}{8} T$	H  $R = \frac{1}{8} T$	I  $R = \frac{1}{8} T \quad S = \frac{1}{3} T$	J  $R = \frac{7}{10} T$
K 	L  $R = T$	M 	N  $X \cdot V \text{ Customized}$	P 
Q  $R = \frac{T}{2} \text{ or } \frac{W}{2}$	R  $M \cdot PA \text{ Customized}$	S  Customized	T  $U \cdot V \text{ Customized}$	U  $R \cdot V1 \cdot V2 \cdot X \text{ Customized}$
V  $U \cdot V1 \cdot V2 \cdot X \text{ Customized}$	W  $R \cdot V \text{ Customized}$	Y  $U \cdot V \text{ Customized}$	Z  $U \cdot V \text{ Customized}$	

3.Dimension

D x T x H
Diameter x Thickness X Hole

4.Abrasive

A、WA、FA、PA、RA、19A、32A、FSA、93A、80A、
C、GC、KG

5.Grit

10 240
12 280
14 320
16 400
20
24
30
36
46
60
80
100
120
150
180
220

6.Grade

F G H I J K L M N O P Q R S T

Soft ← ————— → Hard

7.Structure : Volumn Percent of Abrasive

0	1	2	3	4	5	6	7	8	9	10	11	12	13	14
62%	60%	58%	56%	54%	52%	50%	48%	46%	44%	42%	40%	38%	36%	34%

8.Bonds

V Vitrified
B Resin
R Rubber

9.KINIK Symbol

KINIK Symbol

Conventional abrasives

Abrasive	Feature	Application
A	Brown aluminum oxide, hard and tough.	This is the most common used abrasive, especial for heavy duty grinding on general steels.
FA	The characteristic is between A and WA.	Special for precision grinding on alloy steels.
WA	White aluminum oxide , more friable than A.	Suitable for light grinding on general and hardened steels.
19A	Mixed abrasive of A and WA.	Precision grinding on alloy steels with low hardness.
FSA	Mixed abrasive of WA and FA	Precision grinding on alloy steels with medium hardness.
PA	Pink aluminum oxide , tougher than WA.	Good for precision or large surface grinding on hard alloy steels and tool steels.
RA	Red aluminum oxide , tougher than PA	Good corner-holding characteristics that are needed for precision grinding.
32A	Monocrystalline aluminum oxide, harder and tougher than WA, with sharp cutting edge	Precision grinding of high hardness tool steel and general grinding.
93A	Mixed abrasive of WA and RA	Mainly used for hardened steel and stainless steel.
KG (SG)	Ceramic aluminum oxide.	For the need of long tool life and high material removal rate grinding wheels.
80A	Similar to 32A	Precision grinding of high hardness tool steel and general grinding.
C	Black silicon carbide, harder and more friable than WA.	Suitable for non-ferrous metals, rubber, plastic, ceramics, glass and cast iron.
GC	Green silicon carbide, harder and more friable than C.	Besides the application of C, it's also used to grind solid carbide tools.

Please feel free to contact our sales engineer for more product information with your requirements.

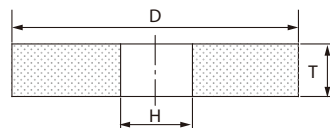
The specifications in this catalogue are recommendations only. For further information or special application specifications, please contact Kinik-Thai Company 037-276954-56 or www.kinikthai.com

Surface Grinding Wheels



- Surface grinding with straight or recessed wheels on machines with a rotating or reciprocating table results in larger contact area than in cylindrical grinding. Therefore, it is necessary to use softer grade wheels, particularly when large diameter and or wide wheels are used. when grinding a large number of components, the grinding is not continuous. in this case, the components then to dress the wheel, so a harder grade wheel should be used.

1A



Unit : mm

Shape	D	T	H	PxFxG	Spec.	Item No.	Package
1A	180	3	31.75		WA80K8V	FVG-0898	30
					WA100K8V	FVG-0814	30
					WA80L8V	FVG-0822	30
					WA120L8V	FVG-0823	30
1A	180	6	31.75		WA46K8V	FVG-0810	40
					WA60K8V	FVG-0824	40
					WA80K8V	FVG-0811	40
					WA100K8V	FVG-0812	40
					WA120K8V	FVG-0827	40
					PSA120K8V	FVG-0831	40
1A	180	8	31.75		WA60K8V	-	-
					WA80K8V	-	-
					WA100K8V	-	-
					WA120K8V	-	-

Unit : mm

Shape	D	T	H	PxFxG	Spec.	Item No.	Package
1A	180	10	31.75		WA46K8V	-	-
					WA60K8V	FVG-0900	40
					WA80K8V	FVG-0855	40
					WA100K8V	FVG-0676	40
					WA120K8V	FVG-0741	30
					WA100J8V	FVG-0661	40
					PA100K7V	FVG-0593	40
1A	180	13	31.75		WA46J8V	FVG-0252	40
					WA46K8V	FVG-0293	30
					WA60K8V	FVG-0346	40
					WA50K8V	FVG-0347	40
					WA100K8V	FVG-0348	40
					WA120K8V	FVG-0283	30
					WA46K8V	FVG-0293	30
					WA100K8V	FVG-0274	30
					WA60K8V	FVG-0317	30
1A	180	16	31.75		WA46K8V	FVG-0253	32
					WA60K8V	FVG-0256	32
					WA80K8V	FVG-0349	32
1A	205	6	31.75		WA46K8V	-	-
					WA60K8V	-	-
					WA80K8V	-	-
					WA100K8V	-	-
					WA120K8V	-	-

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Unit : mm

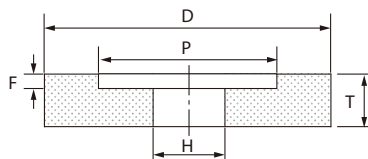
Shape	D	T	H	PxFxG	Spec.	Item No.	Package
1A	205	10	31.75		WA46K8V	-	-
					WA80K8V	-	-
					38A60K8V	FVG-0684	40
					GC100L9V	FVG-0039	40
					GC80L9V	FVG-0024	40
1A	205	13	31.75		WA46K8V	-	-
					WA60K8V	FVG-0622	40
					WA80K8V	FVG-0354	10
					WA100K8V	-	-
					WA120K8V	-	-
					GC80L8V	FVG-0026	20
					GC100L9V	FVG-0040	30
					A60P7V	FVG-0093	40
1A	305	32	76.2		WA46K8V	FVG-0255	4
					FSA46L8V	FVG-0508	4
					WA60J8V	FVG-0585	4
					WA46K7V	FVG-0313	4
1A	305	32	127		WA46K8V	FVG-0290	4
					WA60J8V	FVG-0364	4
					WA80J8V	FVG-0396	4
					FSA60K8V	FVG-0395	4
1A	305	38	127		WA46K8V	FVG-0291	3
					WA80J8V	FVG-0366	3
					WA60J8V	FVG-0365	3
					GC80J7V	FVG-0480	3

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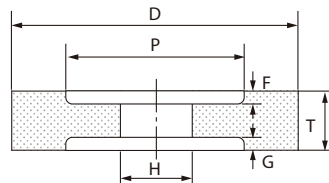
Unit : mm

Shape	D	T	H	PxFxG	Spec.	Item No.	Package
1A	355	38	127		WA46K8V	FVG-0287	2
					WA60J8V	FVG-0258	2
					WA60K8V	FVG-0316	2
					32A46J9V	FVG-0719	2
					93A46H10V	FVG-0286	2
					WA60J8V	FVG-0258	2
					WA80J8V	FVG-0660	2
1A	355	50	127		WA46J8V	FVG-0369	2
					C46I8V	-	-
					WA46J8V	FVG-0288	2
					WA60J8V	FVG-0370	2
					WA80J8V	FVG-0371	2
1A	405	50	127		WA46K8V	FVG-0302	1
					WA46K8V	FVG-0289	1
					WA80J8V	FVG-0373	1
					WA80K7V	FVG-0487	1

5A



7A



Unit : mm

Shape	D	T	H	PxFxG	Spec.	Item No.	Package
5A	180	19	31.75	100 x 6	WA46K8V	FVG-0350	20
					WA60K8V	FVG-0351	20
					WA80K8V	FVG-0352	20
					WA60K8V	FVG-0657	20
5A	180	25	31.75	100 x 12	WA46K8V	FVG-0570	20
					WA60J8V	FVG-0571	20
					WA60K8V	FVG-0565	20
					WA80K8V	FVG-0762	20
					WA80K8V	FVG-0566	20
					WA80J8V	FVG-0756	20
5A	180	32	31.75	100 x 16	WA46K8V	-	-
					WA60J8V	-	-
					WA80K8V	-	-
5A	205	19	31.75	100 x 6	WA46K8V	-	-
					WA60K8V	-	-
5A	205	25	31.75	100 x 12	WA46K8V	FVG-0844	10
					WA60K8V	FVG-0642	10
5A	205	32	31.75	100 x 16	WA46K8V	FVG-0624	8
					WA60K8V	FVG-0572	8
					32A60K8V	FVG-0767	8
7A	355	50	127	205 x 9 x 9	WA46K8V	-	-
					WA60J8V	FVG-0597	2

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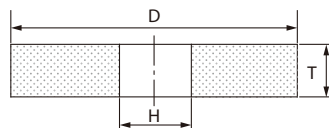


Rough Grinding Wheels

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Conventional

1A



Unit : mm

Shape	D	T	H	PxFxG	Spec.	Item No.	Package
1A	65	16	7		38A60K8V	FVG-0265	160
1A	75	13	9.53		GC120M9V	FVG-0263	160
1A	75	13	12.7		38A60P8V	FVG-0268	160
					GC120M9V	FVG-0262	160
1A	100	100	25.4		C36J8V3G	-	-
1A	150	6	12.7		38A80L8V	-	-
					38A100L8V	-	-
1B	150	6	12.7		38A100L8V	-	-
1B	150	6	19.05		38A100L8V	-	-
1A	150	19	12.7		A36P7V	FVG-0086	10
					A46P7V	FVG-0161	20
					A60P7V	FVG-0144	10
					38A36M8V	FVG-0232	10
					38A46M8V	FVG-0236	10
					38A60L8V	FVG-0237	10
					38A80L8V	FVG-0248	10
					GC120J9V	FVG-0089	10
1B	180	3	31.75		WA100K8V	FVG-0814	30
1A	205	6	15.88		38A60L8V	-	-
					38A80L8V	-	-
					38A100L8V	-	-

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Unit : mm

Shape	D	T	H	PxFxG	Spec.	Item No.	Package
1B	205	6	15.88		38A80L8V	-	-
					38A100L8V	-	-
1A	205	6	19.05		38A60L8V	-	-
					38A100L8V	-	-
1B	205	6	19.05		38A100L8V	-	-
1A	205	6	25.4		38A100L8V	-	-
1B	205	6	25.4		38A100L8V	FVG-0790	40
1A	205	19	15.88		A36P7V	FVG-0087	10
					A46P7V	FVG-0162	10
					A60P7V	FVG-0140	10
					38A36M8V	FVG-0235	10
					38A46M8V	FVG-0239	10
					38A60L8V	FVG-0240	10
					38A80L8V	FVG-0250	10
					GC120J9V	FVG-0090	10
					GC90I9V	FVG-0170	10
					C46M8V	FVG-0178	10
1A	205	19	19.05		38A36M8V	FVG-0233	10
					38A46M8V	FVG-0238	10
					38A80L8V	FVG-0249	10
					GC120J9V	FVG-0046	10
					C46M8V	FVG-0228	10
1A	205	25	15.88		A36P7V	FVG-0226	10
					38A36M8V	FVG-0234	10
					38A46M8V	FVG-0242	10
					GC120J9V	FVG-0171	10

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Unit : mm

Shape	D	T	H	PxFxG	Spec.	Item No.	Package
1A	205	25	19.05		38A46M8V	FVG-0241	10
					GC120J9V	FVG-0166	10
					A24P7V	FVG-0075	10
1A	205	25	25.4		A36P7V	FVG-0214	10
					38A46M8V	FVG-0243	10
					38A60L8V	-	-
					38A80L8V	-	-
					A46Q7V	FVG-0304	10
					GC120K9V	FVG-0223	10
					GC60K8V	FVG-0309	10
1A	255	13	25.4		38A80L8V	FVG-0460	10
					A36P7V	-	-
					A46P7V	-	-
					A60P8V	-	-
					38A36M8V	-	-
					WA46M8V	-	-
					WA60L8V	-	-
					WA80L8V	-	-
1A	305	25	25.4		A24P7V	FVG-0153	1
					38A60L8V	FVG-0246	1
					38A46M8V	FVG-0247	1
					A36Q7V	FVG-0060	1
					C46M8V	FVG-0141	1
1A	305	32	25.4		A36P7V	FVG-0142	1

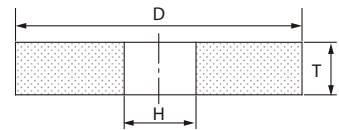


Circular Saw Grinding Wheel

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Conventional

1A



Unit : mm

Shape	D	T	H	PxFxG	Spec.	Item No.	Package
1A	150	1.5	25		RA100O6V	FVG-0800	160
	150	1.6	25		RA100NV	-	-
	150	1.75	25		RA100O6V	FVG-0803	200
	150	2	25		RA100N7V	FVG-0801	160
	150	2	25		RA100O6V	FVG-0799	160
	150	2.5	25		RA100O6V	FVG-0802	120
	150	3	25		RA100NV	-	-
	200	1.5-3	32		RA100NV	-	-
	300	1.6-3.2	32		RA100NV	-	-

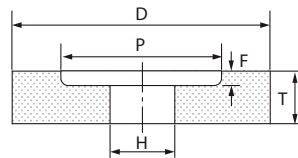


Tools Grinding Wheels

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Conventional

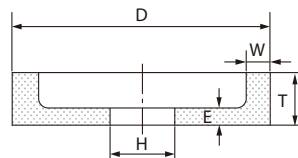
5A



Unit : mm

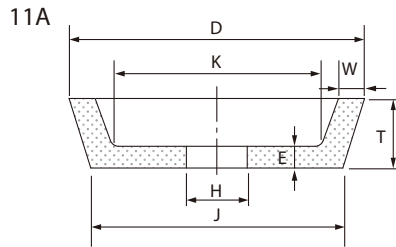
Shape	D	T	H	P x F x G	Spec.	Item No.	Package
5A	100	20	25.4	60 x 10	PA80KV	-	-
					PSA120LV	-	
					PSA220IV	-	

6A



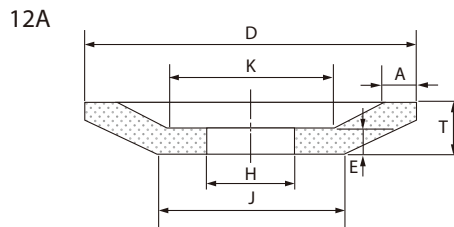
Unit : mm

Shape	D	T	H	P x F x G	Spec.	Item No.	Package
6A	73	38	7.94	8 x 10	38A60NV	-	-
					38A80KV	-	-
	100	50	20	13 x 13	WA80LV	-	-
					WA80MV	-	-
					PA80L8V	FVG-0689	20
	125	35	19.05	25 x 10	GC120HV	-	-
	125	50	31.75	13 x 13	WA60K8V	FVG-0400	16
					WA46K7V	FVG-0403	16
					WA100K8V	FVG-0558	16
	180	125	25.4	25 x 25	38A36KV	-	-



Unit : mm

Shape	D	T	H	P x F x G	Spec.	Item No.	Package
11A	100	50	31.75	10 x 13	WA60K7V	FVG-0709	20
					WA60K8V	FVG-0711	16
	125	50	31.75	6 x 13	GC100K8V	FVG-0835	16
					WA46K8V	FVG-0710	16



Unit : mm

Shape	D	T	H	P x F x G	Spec.	Item No.	Package
12A	150	19	31.75	10 x 10	WA60JV	-	-

Depressed Center Wheels

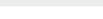


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- General purpose discs for all metal grinding applications made of Brown Aluminum Oxide(A).
- Special disc for stainless steel made of White Aluminum Oxide(WA)

Depressed Center Wheels

Depressed Center wheels

								Unit : mm	
Shape	D	T	H	Spec.	Item No.	Depressd center	Maximum RPM.	Package	
								Box	Carton
27	100	6	16	A24QBF	FBG-0003		15,300	25	200
27	100	6	16	WA24QBF	FBG-0070		15,300	25	200
27	125	6	22	A24QBF	FBG-0004		12,250	25	200
27	150	6	22	A24QBF	FBG-0005		10,200	25	100
27	180	6	22	A24QBF	FBG-0006		8,500	25	50
27	180	6	22	WA24QBF	FBG-0072		8,500	25	50
27	230	6	22	A24QBF	FBG-0043		6,650	25	50



Cut-off Wheels

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- General purpose discs for all metal cutting applications made of Brown Aluminum Oxide(A). Medium hard bond. For an optimum ratio between cutting performance and disc life
- Special disc for stainless steel and stainless steel casting made of White Aluminum Oxide (WA)

Unit : mm

Shape	D	T	H	Spec.	Item No.	Flat	Maximum RPM.	Package	
								Box	Carton
30	100	2	16	A36SBF	FBC-0008		15,300	25	500
30	100	2	16	WA36PBF	FBC-0023		15,300	25	500
30	125	2	22	A36SBF	FBC-0009		12,250	50	200
30	150	2	22	A36SBF	FBC-0042		10,200	50	100
30	180	2	22	A36SBF	FBC-0010		8,500	50	100
30	180	2	22	WA36PBF	FBC-0024		8,500	50	100
30	255	3	25.4	A30PBF	FBC-0011		6,150	25	50
30	305	3.2	25.4	A30PBF	FBC-0012		5,100	25	50
30	355	3.2	25.4	A30PBF	FBC-0013		4,400	-	25
30	355	3.5	25.4	WA36PBF	FBC-0033		4,400	-	25
30	405	3.5	25.4	A30PBF	FBC-0015		3,850	-	25
30	405	3.5	25.4	WA36PBF	FBC-0034		3,850	-	25

- Special disc designed for heavy duty of all metal working. Such as steel, stainless steel and steel casting.

Unit : mm

Shape	D	T	H	Spec.	Item No.	Flat	Maximum RPM.	Package	
								Box	Carton
30	100	2.5	16	A36SBF2	FBC-0158		15,300	50	400
30	125	2.5	22	A36SBF2	FBC-0159		12,250	50	400
30	150	2.5	22	A36SBF2	FBC-0160		10,200	50	200
30	180	2.5	22	A36SBF2	FBC-0161		8,500	50	100
30	255	3	25.4	A30SBF2	FBC-0187		6,150	25	50
30	305	3	25.4	A30SBF2	FBC-0162		5,100	25	50
30	355	3.5	25.4	A30SBF2	FBC-0097		4,400	-	25
30	405	3.5	25.4	A30SBF2	FBC-0098		3,850	-	25
30	100	1.6	16	A60TBF2	FBC-0253		15,300	25	400
30	125	1.6	22	A60TBF2	FBC-0259		12,250	100	400
30	150	1.6	22	A60TBF2	FBC-0260		10,200	100	200
30	180	1.6	22	A60TBF2	FBC-0267		8,500	100	200
30	105	1.2	16	A60TBF2	FBC-0278		15,300	10	500

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Flexible Grinding Wheels



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- With moderate flexibility, are suitable for finishing metal surface, grinding corner and curved surface
Made of Special Aluminum Oxide and Silicon Carbide (AC)
 - Special disc for stainless steel (WA)
 - Green Silicon carbide (GC) suitable for beveling glass or marble edges.

Flexible Grinding Wheels

Shape	D	T	H	Spec.	Item No.	Depressd center	Maximum RPM.	Unit : mm	
								Package	
								Box	Carton
27	100	3	16	AC60BFL	FBG-0027		15,300	25	400
27	100	3	16	AC80BFL	FBG-0090		15,300	25	400
27	100	3	16	GC60BFL	FBG-0028		15,300	25	400
27	100	3	16	GC80BFL	FBG-0029		15,300	25	400
27	100	3	16	GC120BFL	FBG-0030		15,300	25	400
27	100	3	16	WA60BFL	FBG-0093		15,300	25	400
27	100	3	16	WA80BFL	FBG-0036		15,300	25	400
27	125	3	22	AC60BFL	FBG-0269		12,250	50	400
27	180	3	22	AC60BFL	FBG-0040		8,500	50	200

Valve Seat



Conventional

Unit : mm

Shape	D	T	H	Spec.	Item No.	Package
91	22	20.6	14.2	38A80PV	FVS-0001	475
91	25	20.6	14.2	38A80PV	FVS-0002	475
91	28	20.6	14.2	38A80PV	FVS-0003	475
91	32	20.6	14.2	38A80PV	FVS-0004	475
91	35	20.6	14.2	38A80PV	FVS-0005	475
91	38	20.6	14.2	38A80PV	FVS-0006	475
91	42	20.6	14.2	38A80PV	FVS-0007	475
91	45	20.6	14.2	38A80PV	FVS-0008	475
91	48	20.6	14.2	38A80PV	FVS-0009	280
91	51	20.6	14.2	38A80PV	FVS-0010	280
91	54	20.6	14.2	38A80PV	FVS-0011	210
91	57	20.6	14.2	38A80PV	FVS-0012	210
91	60	20.6	14.2	38A80PV	FVS-0013	210
91	64	20.6	14.2	38A80PV	FVS-0014	210
91	28	20.6	14.2	GC80PV	FVS-0015	475
91	32	20.6	14.2	GC80PV	FVS-0016	475



Flaring Cup Wheels

- General purpose wheel for wet and dry grinding of natural stone and concrete.
Made of Silicon carbide. Hard bond

Flaring Cup Wheels

Unit : mm

Shape	D	T	H	Spec.	Item No.	Depressd center	Maximum RPM.	Package
11	75	45	19.05	C30QB11A	FBG-0108		8,500	10
11	110	55	22.23	C16QB11A	FBG-0060		6,945	10
11	110	55	22.23	C30QB11A	FBG-0061		6,945	10
11	110	55	22.23	C60QB11A	FBG-0062		6,945	10

Centerless Regulating Wheels



Unit : mm

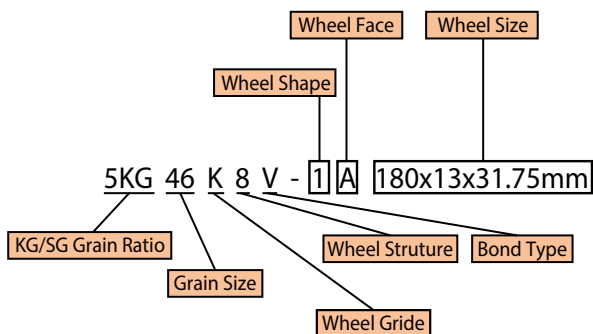
Shape	D	T	H	PxFxG	Spec.	Item No.	Package
1A	205	100	90		A120RR	FVR-0033	2
1A	205	140	90		A150TR	FVR-0101	1
7A	205	150	90	130x25x25	A120TR	FVR-0032	1
1A	230	205	111.2		A150TR	FVR-0379	1
7A	255	205	111.2	175x75x20	A150TR	FVR-0333	1
7A	255	205	111.2	175x25x75	A150TR	FVR-0115	1
1A	255	205	111.2		A120RR	FVR-0007	1
1A	255	305	111.2		A150OR	FVR-0550	1
1A	305	150	127		A150TR	FVR-0268	1
7A	305	205	127	200x64x38	A150RR	FVR-0420	1
1A	305	205	127		A150RR	FVR-0008	1
1A	305	205	127		A150RR	FVR-0008	1
1A	355	305	127		A150OR	FVR-0791	1

KG/SG WHEELS



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■ Standard Wheel Markings (Example)



■ Recommended Wheel Specifications

Application	diameter is correct	Grindability	For Medium Grindability Steels	For Low Grindability Steels
Internal Grinding	Under ø12mm	3KG80NV	5KG90LV	5KG100LV
	ø12mm to ø26mm	3KG60MV	5KG80LV	5KG90KV
	Over ø26mm to ø77mm	3KG60LV	5KG80KV	5KG80JV
	Over ø77mm	3KG46LV	5KG60KV	5KG80IV
Surface Grinding				
	Straight wheels			
	ø180mm to ø205mm	3KG60KV	5KG46KV	5KG60JV
	ø255mm to ø355mm	3KG46KV	5KG46JV	5KG60IV
Cylindrical Grinding	Under ø400mm	3KG60MV	5KG60MV	5KG80LV
Internal Grinding				
	Straight wheels	3KG60LV	5KG46KV	5KG60JV
	Cup wheels	3KG60LV	5KG60KV	5KG80JV
	Disc wheels	3KG46MV	5KG60LV	5KG80JV

■ SG WHEELS

diameter is correct	Grindability
180x10x31.75	SGB60K
	SGB80K
	SGB100K
	SGB120K
180x13x31.75	SGB46K
	SGB80K
	SGB100K
	SGB120K
180x16x31.75	SGB80J
	SGB120K
180x20x31.75	SGB60J
	SGB80J
	3SG80K
	SGB100K
	SGB120K
180x25x31.75	SGB60J
	SGB80J
180x3.20x31.75	SGB60K
180x6x31.75	SGB46K
	SGB80K
	SGB100K
	SGB120K
180x13x31.75	SGB60J
	SGB80K
	SGB100K
	SGB120K
	SGB150K
205x13x31.75	SGB80J
	SGB100K

diameter is correct	Grindability
205x13x50.80	SGB46K
	SGB80K
205x16x31.75	SGB60J
205x20x31.75	SGB46J
	SGB60J
	SGB80K
205x20x50.80	SGB46J
205x25x31.75	SGB60K
	SGB120K
205x32x31.75	SGB120K
205x32x50.80	SGB60J
205x6x31.75	SGB80J
	SGB120K
205x8x31.75	3SG100K
225x25x50.80	SGB46J
	SGB80K
255x25x76.20	SGB60J
	SGB80J
255x30x76.20	SGB60J
305x25x127	SGB60K
305x25x76.20	SGB60J
305x32.x127	SGB60J
305x32.x76.20	SGB60J
305x38x127	SGB60K
305x40x127	SGB46J
	SGB80J
305x50x127	SGB80H
355x25x127	SGB60J
	SGB80J

diameter is correct	Grindability
355x32x127	SGB46K
	SGB60J
355x38x127	SGB60J
	SGB100J
355x40x127	SGB46K
	SGB60J
	SGB80K
355x50x127	SGB46J
	SGB80K

Sharppenning Stone



Unit : mm

D	T	H	Spec.	Item No.	Package	
					Box	Carton
100	50	25	38A80H7V	FVG-0606	1	50
100	50	50	C16S6V	FVG-0148	1	25
150	20	20	C24S6V	FVG-0180	2	100
150	25	15	GC120K8V	FVG-0909	3	150
150	25	15	GC80K8V	FVG-0908	3	150
150	25	25	C16CS7V	FVG-0112	2	100
150	25	25	38A80N8V	FVG-0664	2	100
150	50	25	WA60K9V	FVG-0693	4	64
150	50	25	C24S6V	FVG-0106	1	45
150	50	25	C30Q6V	FVG-0113	1	45
150	50	25	FSA30H10V	FVG-0325	4	64
150	50	25	38A80H7V	FVG-0432	4	64
150	50	25	WA120V	FVG-0441	4	64
150	25	25	C20S6V	FVG-0443	2	100
150	50	25	C36Q6V	FVG-0444	4	64
150	50	25	38A60H7V	FVG-0562	4	64
150	50	50	38A120H7V	FVG-0540	1	25
150	50	50	GC80H8V	FVG-0541	1	25
150	50	50	GC120H8V	FVG-0542	1	25
150	50	50	38A60H7V	FVG-0581	1	25
150	50	50	C24M9V	FVG-0108	1	25
150	50	50	38A80H7V	FVG-0114	1	25
150	50	50	WA100H8V	FVG-0115	1	25
200	50	25	C16CR7V	FVG-0739	1	20
200	50	25	C100/220M7V	FVG-0740	1	20
200	50	25	C20S7V	FVG-0103	1	20
200	50	25	C60M8V	FVG-0109	1	20
200	50	25	C120M8V	FVG-0110	1	20

Unit : mm

D	T	H	Spec.	Item No.	Package	
					Box	Carton
200	50	25	C60N8V	FVG-0160	1	20
200	50	25	C100/220M7V	FVG-0182	1	20
200	50	50	C46L8V	FVG-0157	-	-
200	50	50	C60L8V	FVG-0158	-	-
200	50	50	C120L9V	FVG-0159	-	-
200	75	50	GC120J9V	FVG-0137	1	10
200	75	50	C16S7V	FVG-0138	1	10
200	75	50	C180K10V	FVG-0183	1	10
205	50	25	A120Q10V	FVG-0181	1	20
205	50	25	C30Q6V	FVG-0116	1	20
205	50	25	WA80I8V	FVG-0270	1	20
205	75	50	C20S7V	FVG-0107	1	10
205	75	50	C60M8V	FVG-0111	1	10
205	75	50	GC30M7V	FVG-0134	1	10
205	75	50	C180M8V	FVG-0135	1	10
205	75	50	GC220K8V	FVG-0136	1	10



Mounted Points

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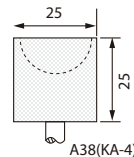
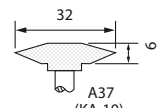
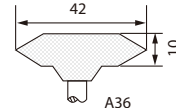
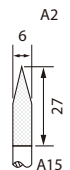
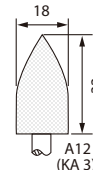
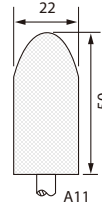
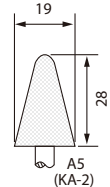
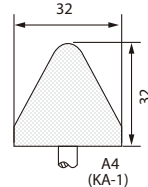
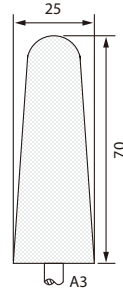
- Shape A: is primarily used for off-hand application in foundries, steel mills, metal working and stone industries, etc., This shape of wheel is usually mounted on mandrel with 6mm in diameter and 30mm in length

A Type

Unit : mm

Standard shank diameter : $\varnothing 6 \times 30$

Shape	Type	Spec.	Item No.	Package
40	A1	PA46QV	FGM-0003	480
		38A60PV	FGM-0297	
	A2	PA46PV	FGM-0086	600
		GC80NV	FGM-0185	
		WA46NV	FGM-0279	
	A3	38A60PV	FGM-0096	240
		PA46PV	FGM-0213	
		38A60PV	FGM-0258	
		WA46NV	FGM-0274	
		PA46PV	FGM-0290	
	A4	PA46PV	FGM-0055	480
		38A60PV	FGM-0158	
	A5	GC80NV	FGM-0020	900
		PA36PV	FGM-0021	
		38A60P	FGM-0147	
		WA60NV	FGM-0280	
	A11	38A60PV	FGM-0042	480
		PA46QV	FGM-0050	
		38A46PV	FGM-0222	
	A12	PA46QV	FGM-0289	1,200
		PA46PV	FGM-0027	
		38A60PV	FGM-0043	
		PA60QV	FGM-0089	
		GC80NV	FGM-0207	



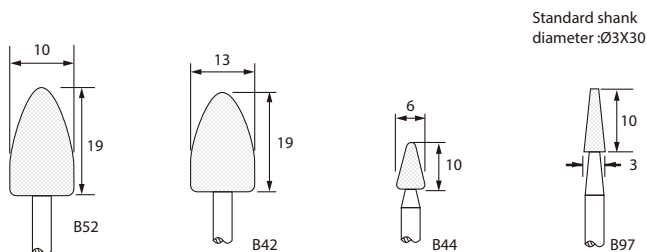
A Type

Unit : mm

Shape	Type	Spec.	Item No.	Package
40	A13	PA36QV	FGM-0006	600
		38A60PV	FGM-0260	
	A14	PA46PV	FGM-0007	1,200
		38A60PV	FGM-0259	
	A15	PA60QV	FGM-0062	2,400
		GC80NV	FGM-0159	
		38A60PV	FGM-0160	
		WA60NV	FGM-0281	
	A21	GC80NV	FGM-0032	600
		PA46PV	FGM-0056	
	A22	PA46PV	FGM-0076	1,200
	A23	PA46QV	FGM-0284	1,200
	A24	PA60QV	FGM-0103	2,400
		PA60QV	FGM-0123	
		PA60QV	FGM-0277	
		WA60NV	FGM-0282	
		GC80NV	FGM-0283	
	A24A	PA46QV	FGM-0275	2,400
	A25	PA46PV	FGM-0029	600
	A26	PA46PV	FGM-0181	1,800
		38A60PV	FGM-0186	
	A35	PA46QV	FGM-0015	600
	A36	PA46PV	FGM-0034	480
	A37	PA60PV	FGM-0016	720
		38A60PV	FGM-0054	
	A38	PA46QV	FGM-0017	480
	A39	PA46QV	FGM-0018	1,200
	A40	PA46QV	FGM-0019	1,200

- Shape B: is primarily used in the tool and die industries for light deburring, cleaning hard-to-get places of moulds or dies, removing tool marks or off-hand grinding.

B Type

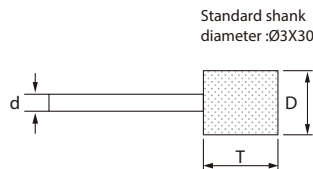


Unit : mm

Shape	Type	Spec.	Item No.	Package
40	B41	PA60QV	FGM-5086	2,400
	B42	PA60QV	FGM-5070	2,400
	B44	PA60QV	FGM-0292	3,600
		38A80QV	FGM-5016	
		GC100TV	FGM-5073	
	B52	GC100TV	FGM-5061	3,600
	B53	38A80PV	FGM-5020	3,600
		PA100TV	FGM-5050	
		GC100TV	FGM-5074	
	B97	38A100TV	FGM-5026	3,600
		PA100TV	FGM-5063	
	B121	PA60QV	FGM-0198	1,200
		PA60QV	FGM-5087	
	B122	PA60QV	FGM-0183	3,600
		PA60QV	FGM-5088	
	B123	PA80QV	FGM-5075	3,600
	B124	PA100TV	FGM-5076	3,600
	B125	PA60QV	FGM-0249	3,600
		38A60PV	FGM-0250	
	B126	PA60QV	FGM-0251	3,600

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W Type



Unit : mm

Shape	Type	Spec.	Item No.	Package
40	W145	PA100TV	FGM-5001	3,600
		38A100TV	FGM-5037	
		38A60PV	FGM-5089	
	W146	PA100TV	FGM-5055	3,600
	W153	38A80PV	FGM-5039	3,600
		PA100TV	FGM-5051	
		38A60P	FGM-5093	
	W154	PA100TV	FGM-0285	3,600
		PA100TV	FGM-5060	
		38A60PV	FGM-5077	
	W155	38A60QV	FGM-5078	3,600
	W162	38A60P	FGM-5094	3,600
	W163	PA60QV	FGM-0111	3,600
		38A60PV	FGM-0153	
		38A60P	FGM-5012	
		PA100PV	FGM-5049	
		GC100QV	FGM-5083	
	W164	38A60PV	FGM-0269	2,400
		38A60PV	FGM-5079	
		38A100T	FGM-5095	
	W170	PA60QV	FGM-0112	2,400
		GC100TV	FGM-5014	
		38A60PV	FGM-5040	
		PA100PV	FGM-5052	
		38A60QV	FGM-5085	

W Type

Unit : mm

Shape	Type	Spec.	Item No.	Package
40	W171	PA60QV	FGM-0113	2,400
		38A60PV	FGM-0135	
		38A60PV	FGM-5080	
	W171A	38A60P	FGM-0304	2,400
	W175	38A60Q	FGM-5096	2,400
	W176	PA60QV	FGM-0114	2,400
		38A60PV	FGM-5042	
	W177	PA60PV	FGM-0059	2,400
		38A60PV	FGM-0065	
		38A60PV	FGM-5090	
	W178	PA46QV	FGM-0001	1,200
		38A60PV	FGM-0136	
		A36PV	FGM-0256	
		PA60QV	FGM-0288	
		38A60PV	FGM-5081	
	W179	PA46QV	FGM-0291	1,200
	W185	PA46PV	FGM-0093	2,400
		PA60QV	FGM-5008	
		38A60PV	FGM-5091	
	W186	38A60PV	FGM-0090	2,400
		PA60QV	FGM-0293	
		38A60PV	FGM-5082	
		PA60QV	FGM-5092	
	W187	PA46PV	FGM-0036	1,200
		WA60NV	FGM-0137	
		PA36PV	FGM-0257	
	W188	PA46PV	FGM-0116	1,200
		38A60PV	FGM-0247	

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W Type

Unit : mm

Shape	Type	Spec.	Item No.	Package
40	W195	38A60PV	FGM-0191	1,200
	W196	PA46PV	FGM-0002	1,200
		GC80NV	FGM-0138	
		PA60PV	FGM-0150	
		38A60PV	FGM-0192	
		PA60PV	FGM-0278	
	W196A	38A60P	FGM-0305	600
	W201	PA46QV	FGM-0139	600
		38A46PV	FGM-0270	
	W204	PA36PV	FGM-0119	1,200
		38A60PV	FGM-0215	
	W205	PA36PV	FGM-0037	600
		PA46PV	FGM-0151	
		38A60P	FGM-0164	
		WA46NV	FGM-0204	
	W206	38A60PV	FGM-0066	600
		PA36PV	FGM-0142	
	W207	PA46PV	FGM-0061	600
		38A60PV	FGM-0126	
	W215	38A60PV	FGM-0271	1,200
		PA80QV	FGM-0294	
	W216	PA60QV	FGM-0120	1,200
	W217	PA36PV	FGM-0121	600
	W218	PA60QV	FGM-0295	600
	W220	PA36QV	FGM-0025	480
		38A60PV	FGM-0125	
		PA46PV	FGM-0132	

W Type

Unit : mm

Shape	Type	Spec.	Item No.	Package
40	W221	WA46NV	FGM-0060	240
		PA36PV	FGM-0094	
		38A60PV	FGM-0253	
		PA46PV	FGM-0287	
	W222	38A60P	FGM-0296	360
	W225	PA60QV	FGM-0252	600
		38A60PV	FGM-0272	
	W226	PA36PV	FGM-0216	600
		38A60PV	FGM-0276	
	W230	PA36QV	FGM-0127	240
		GC80NV	FGM-0194	
		38A60PV	FGM-0202	
	W231	PA36QV	FGM-0122	240
	W235	PA60QV	FGM-0144	480
	W237	PA36QV	FGM-0095	240
	W242	PA36PV	FGM-0145	120
		38A46PV	FGM-0273	

Flap Disc



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- Flat flap disc for maximum contact surface for grinding. Best suited for surface grinding application.

Flap Disc

Unit : mm

Abrasive	Cloth Type	Plate	Shape	Grit No.	Dimensions DxTxH	Depressd center	Maximum RPM.	Package	
								Box	Carton
Brown Aluminium / Zirconia	Cotton / Polyester	Fiber Glass / Plastic Pad	T27	40	100x16		15,300		100
				60	100x16		15,300		100
				80	100x16		15,300		100
				100	100x16		15,300		100
				120	100x16		15,300		100
				150	100x16		15,300		100
				180	100x16		15,300		100
				240	100x16		15,300		100
				320	100x16		15,300		100
				400	100x16		15,300		100

- Conical flap disc provides greater angles. This type of flap disc suited for grinding concave surfaces, difficult to reach areas.

Flap Disc

Unit : mm

Abrasive	Cloth Type	Plate	Shape	Grit No.	Dimensions DxTxH	Depressd center	Maximum RPM.	Package	
								Box	Carton
Brown Aluminium / Zirconia	Cotton / Polyester	Fiber Glass / Plastic Pad	T29	40	100x16		15,300		100
				60	100x16		15,300		100
				80	100x16		15,300		100
				100	100x16		15,300		100
				120	100x16		15,300		100
				150	100x16		15,300		100
				180	100x16		15,300		100
				240	100x16		15,300		100
				320	100x16		15,300		100
				400	100x16		15,300		100

- Good for curved surface fine finishing.
- Light deburring.

Flexible Flap Disc

Unit : mm

Abrasive	Cloth Type	Plate	Shape	Grit No.	Dimensions DxTxH	Depressd center	Maximum RPM.	Package	
								Box	Carton
Brown Aluminium / Zirconia	Cotton / Polyester	Fiber Glass / Plastic Pad	T27	40	105x16		12,000		100
				60	105x16		12,000		100
				80	105x16		12,000		100
				100	105x16		12,000		100
				120	105x16		12,000		100
				150	105x16		12,000		100
				180	105x16		12,000		100
				240	105x16		12,000		100
				320	105x16		12,000		100
				400	105x16		12,000		100



KINIK-THAI COMPANY

225M.7 Khokpip, Srimahosot, District, Prachinburi Province ,Thailand

TEL : +66 37 276954-7

<https://www.kinikthai.co.th>

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