



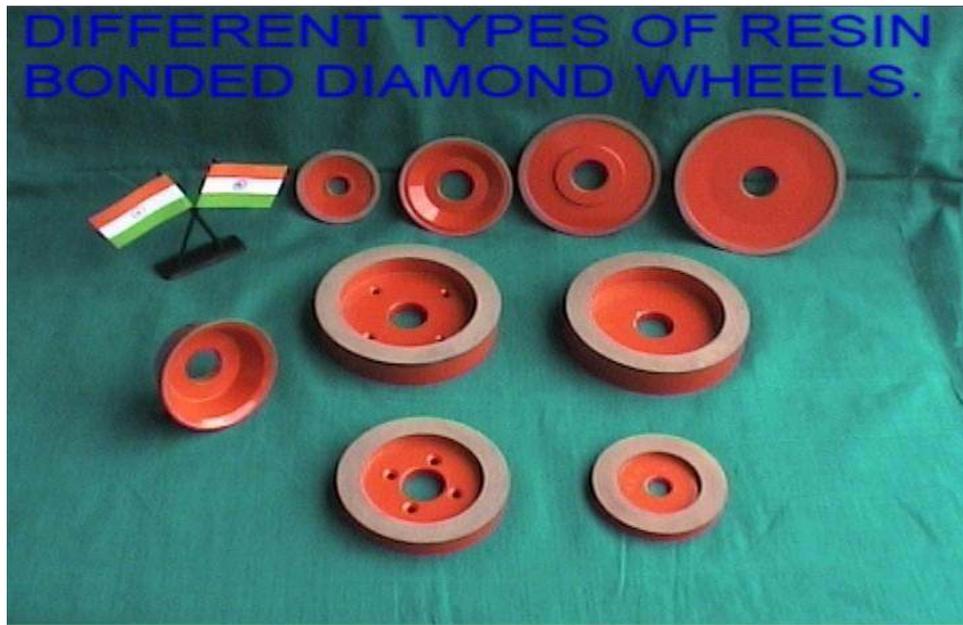
# Super Diamond Tools. Simple Solutions for complex problems

Manufacturers of  
Diamond Honing sticks  
Diamond Wheels,  
Diamond paste  
Diamond Dressers  
Cork Honing Sticks

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★  
★ **Contact us at** ★  
★ **V.Padmanabhan** ★  
★ **no 7/2, V.K. house, Vinayagam Street,** ★  
★ **Sri Venkatesh Nagar,** ★  
★ **Virugambakkam** ★  
★ **Chennai 600092** ★  
★ **Phone: +91-44-23774012** ★  
★ **Fax: +91-44-24742007** ★  
★ **E-mail: marketing@superdiamondtools.com,** ★  
★ **superdiamondtools@gmail.com.** ★  
★ **Mob: +919444463316/09962100540** ★  
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# Super Diamond tools Diamond/CBN wheels



★ Contact us at  
★ V.Padmanabhan  
★ no 7/2, V.K. house, Vinayagam Street,  
★ Sri Venkatesh Nagar,  
★ Virugambakkam  
★ Chennai 600092  
★ Phone: +91-44-23774012  
★ Fax: +91-44-24742007  
★ E-mail:  
★ [marketing@superdiamondtools.com](mailto:marketing@superdiamondtools.com),  
★ [superdiamondtools@gmail.com](mailto:superdiamondtools@gmail.com).  
★ Mob: +919444463316/09962100540  
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## **Super Diamond tools Diamond wheels**

Our products are made from high quality diamond and CBN. We don't compromise on quality for price. Our tools are affordable by small tool shops to big companies. For last forty years we are in this business and this speaks volumes about our quality and customer support. Our tools are trouble free, long lasting, gives high quality finish expected out our tools and economical for every quality minded person. You will get our standard sized wheels without much waiting so there is no trouble for long wait also

## **Tool Room Grinding**

Various types of grinding applications are in existence in the tool rooms such a grinding and sharpening milling cutters, reamers, end mills, drill, offhand grinding and cutoff. Successful machining depends on sharp, well maintained cutting tools. Successful sharpening of these cutting tools requires the selection of correct grinding wheel, tool setup and method of grinding for each kind of tools. Materials ground normally include cemented carbides and high speed tool steels.

## **Diamond wheels for grinding carbide tools**

Carbides, among the hardest materials, make a desirable and efficient single point cutting tool. When the carbide cutting edge becomes sharp less, it must be resharpened using diamond or silicon carbide abrasive wheels. Since Diamonds are much harder than carbides, diamonds will grind, cut and sharpen carbides rapidly and safely. Tighter tolerances and better surface finishes required can be produced with diamond wheels with economical cost, lesser grinding time. Diamond wheels have advantage of exceptionally fast and cool cutting action and externally low rate of wear when compared to silicon carbide wheels.

## **CBN wheels for grinding tool steels**

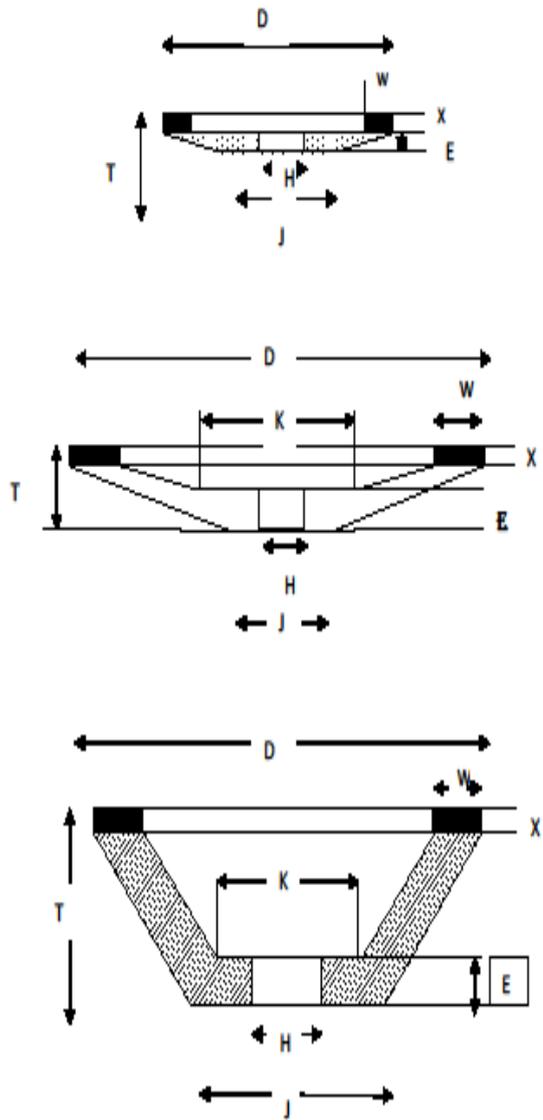
CBN is manmade abrasive for high performance grinding of difficult to grind ferrous materials like high speed steels and hard ferrous alloys. High speed tool steels as you are aware are used in many grades of hardness. For standard high speed steels use regular Aluminum oxide 32 A or 38 A wheels, where hardness exceeds 55 hrc CBN wheels are most economical. It is recommended in places where conventional abrasives fail to produce desired performance levels. CBN has more than twice the hardness of conventional abrasives for grinding ferrous materials. CBN edges stay sharper for long when compared to conventional abrasives which has lesser hardness when

To Order Call: +919444463316



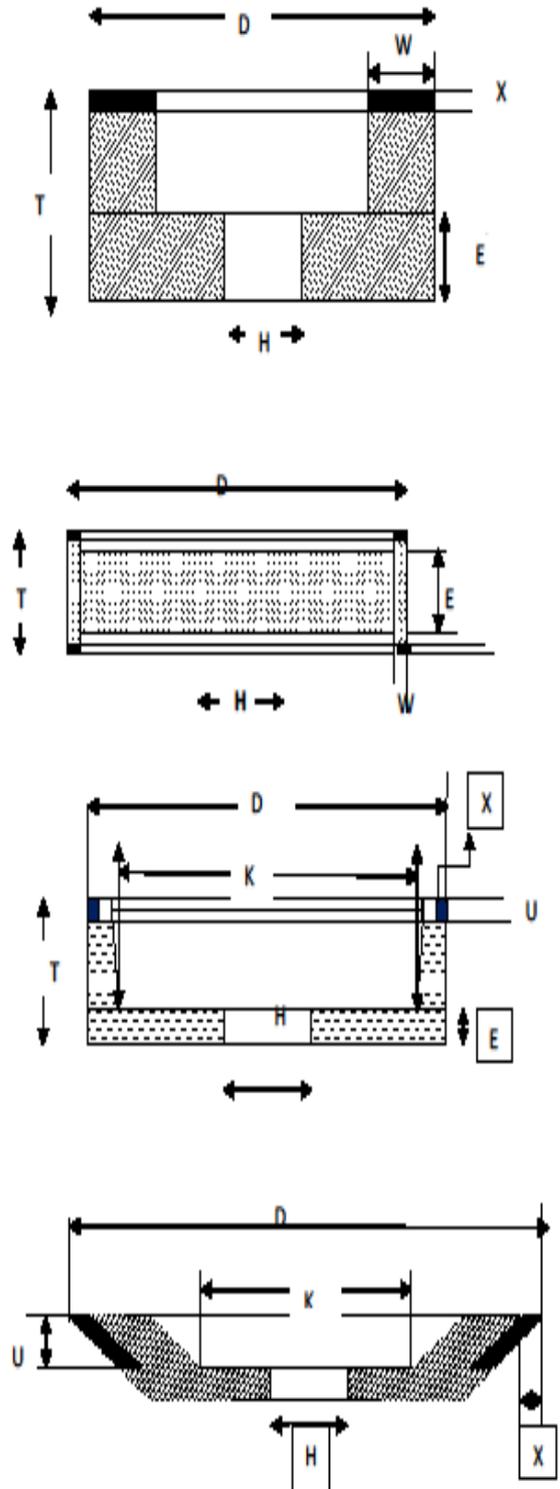
If any particular dimension is preferred or is not mentioned below, same need to be informed to us.

S.NO	TYPE	Diameter D	Width W	D1 x	Bore H	DIA/CBN grit	Conc	Bond
1	4A2	125	6	1.5	20	ASD76	R50	B1
2	4A2	125	6	1.5	31.75	ASD76	R50	B1
3	4A2	125	6	1.5	20	ASD76	R75	B1
4	4A2	125	6	1.5	31.75	ASD76	R75	B1
5	12A2/20	125	6	1.5	31.75	ASD126	R50	B1
6	12A2/20	125	6	1.5	20	ASD126	R50	B1
7	12A2/20	125	6	1.5	31.75	ASD126	R75	B1
8	12A2/20	125	6	1.5	20	ASD126	R75	B1
9	12A2/20	75	4	3	20	ASD126	R50	B1
10	12A2/45	75	4	3	20	ASD76	R50	B1
11	12A2/45	75	6	2	31.75	ASD126	R75	B1
12	12A2/45	100	6	2	20	ASD76	R50	B1
13	12A2/45	100	10	2	31.75	ASD91	R50	B1
14	12A2/45	75	4	3	20	ASD30	R50	B1



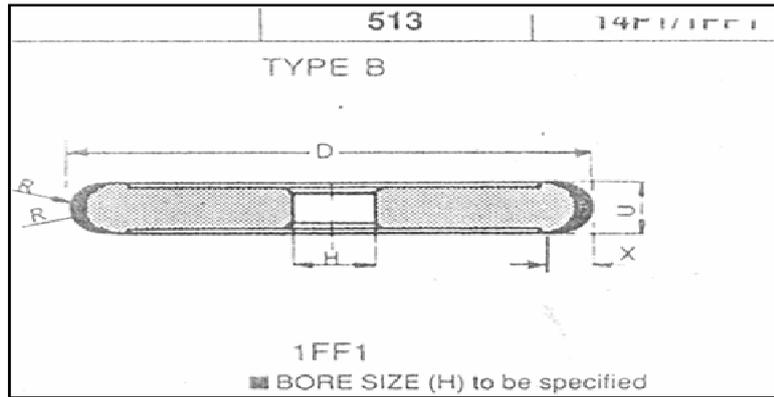
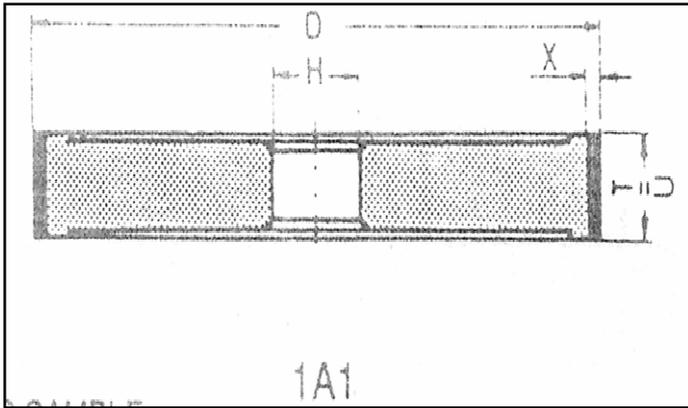
FOR non Standard sizes, please ask for a quote with specifications, Also for sizes not available above, please ask for a quote with full details, like wheel type, outer DIA size, id size, diamond thickness( 4,5,6 mm only) Diamond width, metal removal expected, type of material, their hardness, grit needed, finish expectations, for us to understand your requirements better and give you a best wheel. Taxes and courier charges extra from above cost. Above prices are subject to change without any notice. Non standard Wheels of dimensions less than 50 mm will not be available with us( not applicable to internal grinding wheels). Please do call us on +919444463316 OR MAIL US for further details

15	6A2	150	20	1.5	31.75	ASD126	R50	B2
	6A2	150	20	1.5	31.75	ASD64	R50	B2
17	6A2	150	20	3	31.75	ASD64	R75	B2
18	6A2	175	20	1.5	50	ASD64	R75	B2
19	6A2	125	20	1.5	31.75	ASD64	R75	B2
20	6A2	100	20	1.5	31.75	ASD64	R75	B2
21	6A2	150	20	3	31.75	ASD126	R75	B2
22	9A3	175	10	2	31.75	ASD126	R75	B2
23	9A3	175	6	3	20	ASD126	R75	B2
24	6A9	125	7	3	31.75	ASD64	R75	B1
25	6A9	125	6	1.5	31.75	ASD91	R75	B1
26	12V9	75	6	2	20	ASD76	R50	B1
27	12V9	100	6	1.5	31.75	ASD107	R75	B1
28	12V9	100	6	2	31.75	ASD107	R75	B1

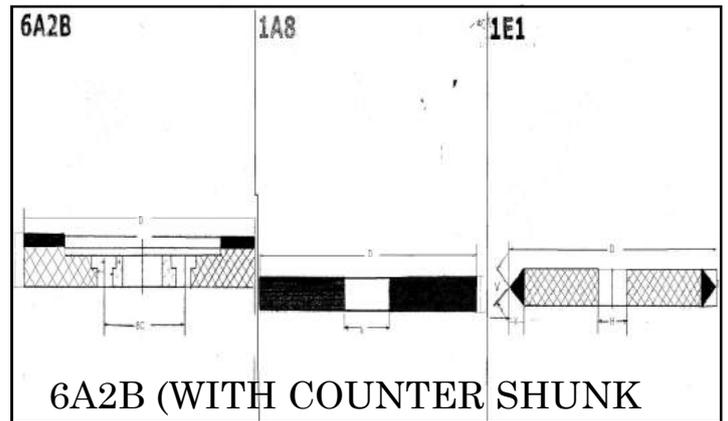
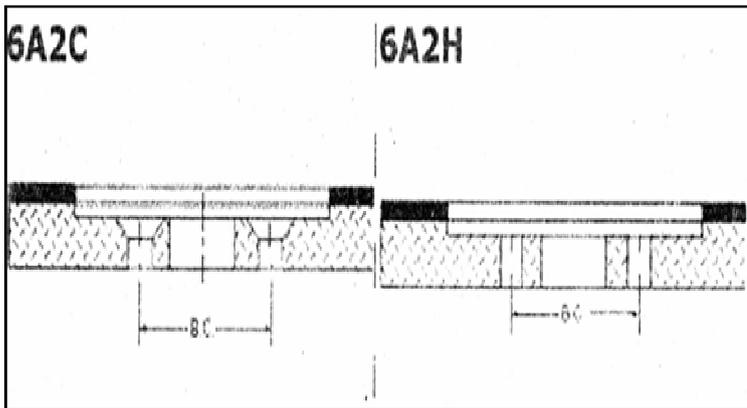


FOR non Standard sizes, please ask for a quote with specifications. Also for sizes not available above, please ask for a quote with full details, like wheel type, outer DIA size, id size, diamond thickness( 4,5,6 mm only) Diamond width, metal removal expected, type of material, their hardness, grit needed, finish expectations, for us to understand your requirements better and give you a best wheel. Taxes and courier charges extra from above cost. Above prices are subject to change without any notice. Non standard Wheels of dimensions less than 50 mm will not be available with us(not applicable to internal grinding wheels). Please do call us on [09444463316](tel:09444463316) [marketing@superdiamondtools.com](mailto:marketing@superdiamondtools.com) for further details

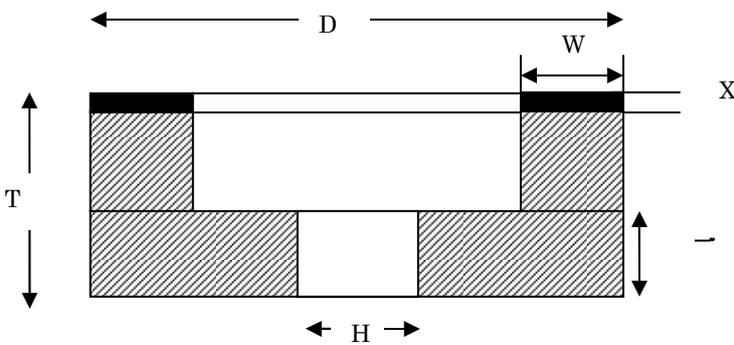




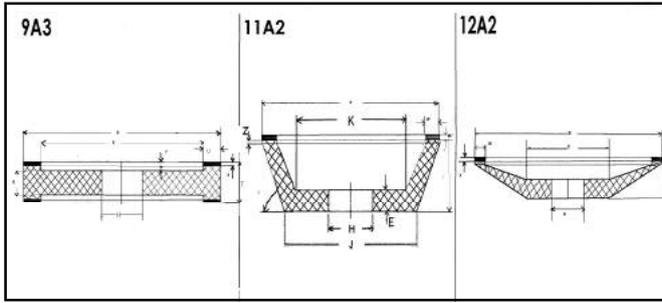
1EE1 TYPE WHEEL



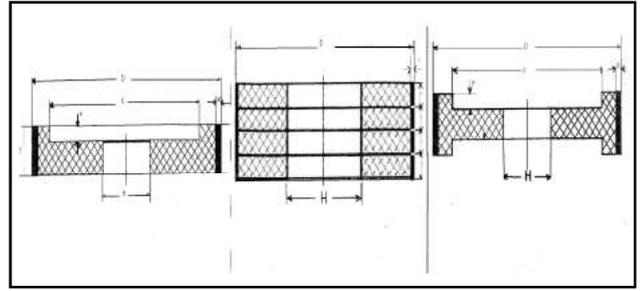
6A2B (WITH COUNTER SHANK BOLTS), 1A8, 1E1 WHEELS SHAPES



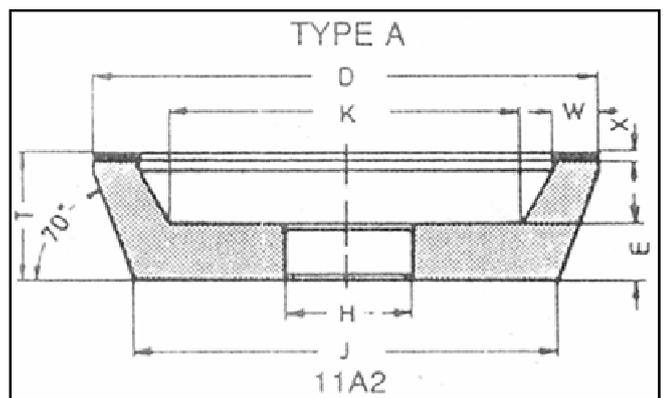
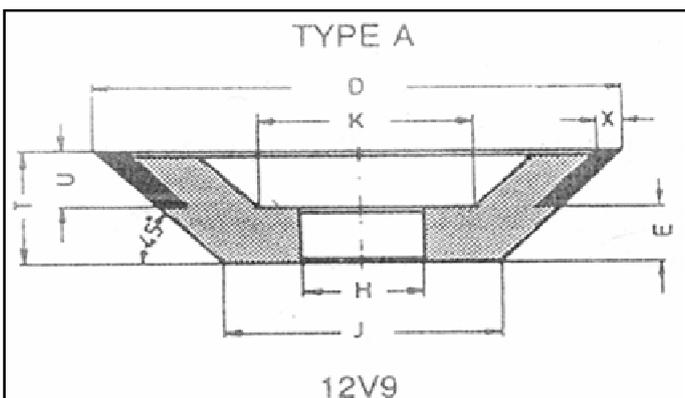
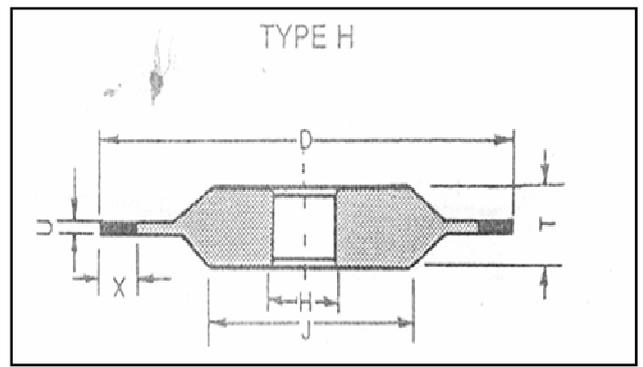
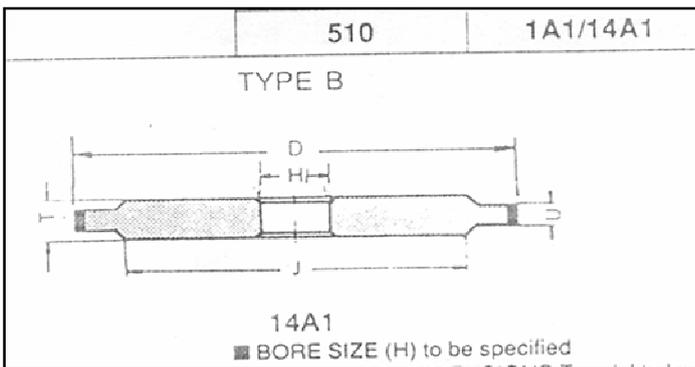
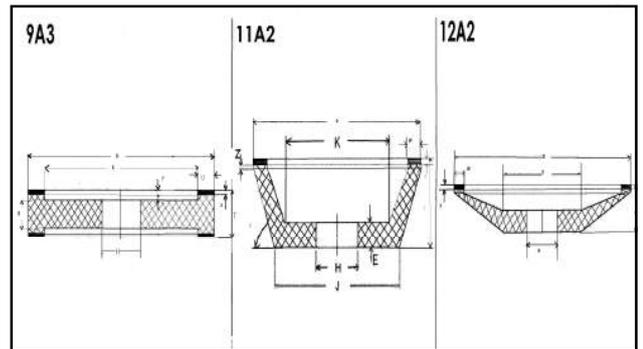
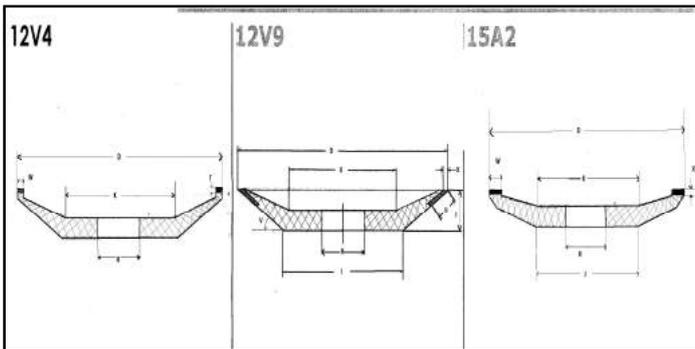
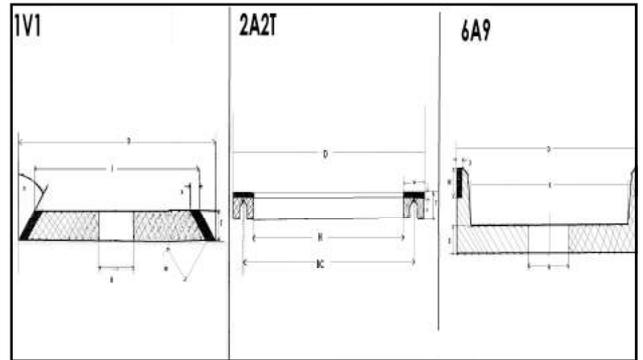
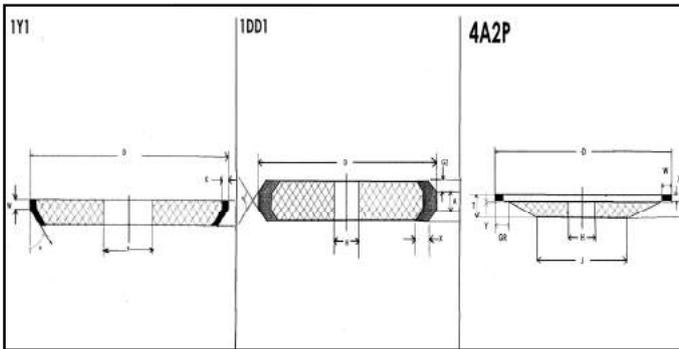
6A2 WHEEL

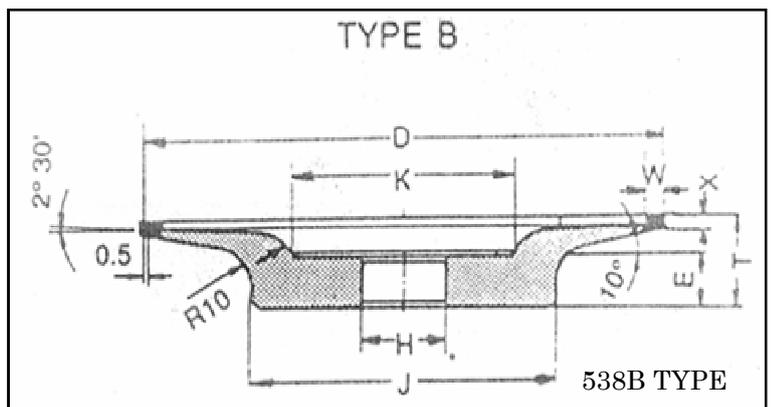
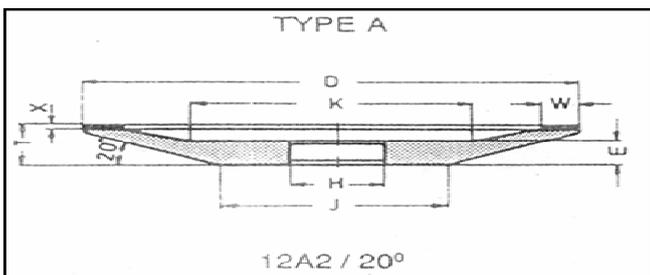
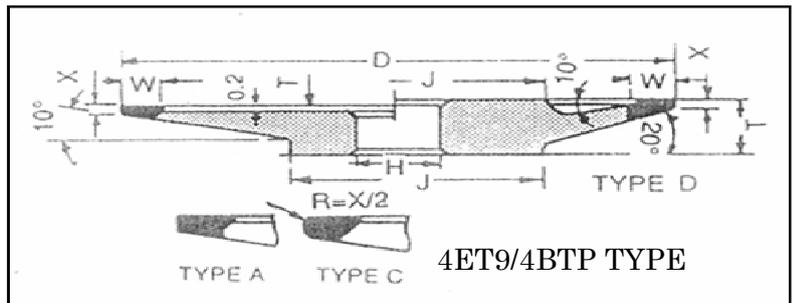
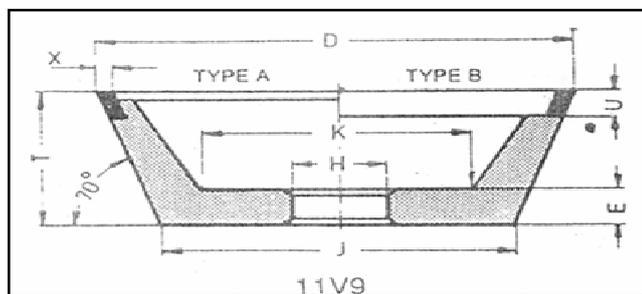
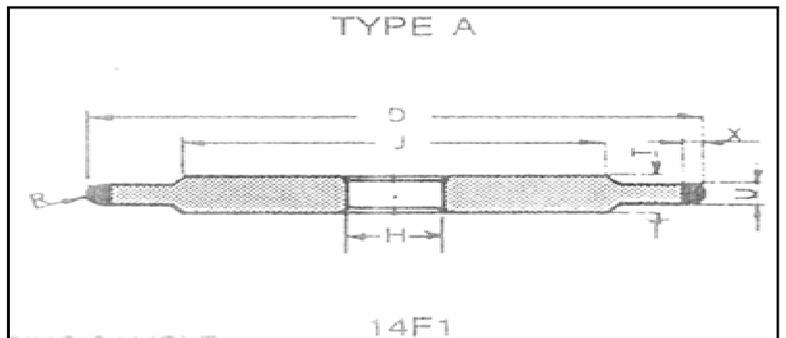
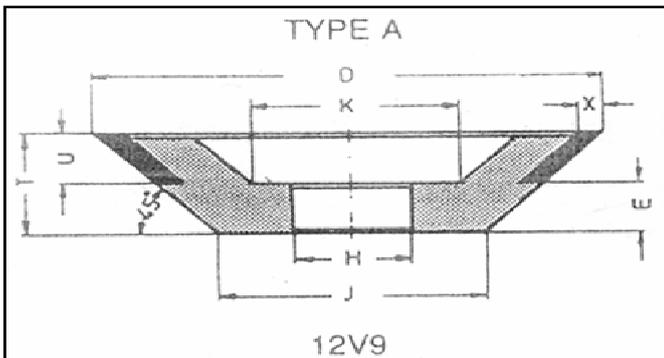
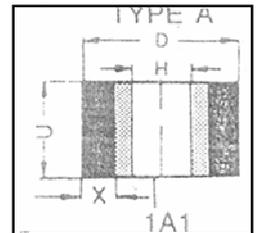
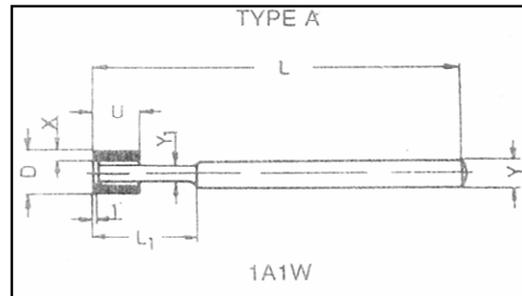
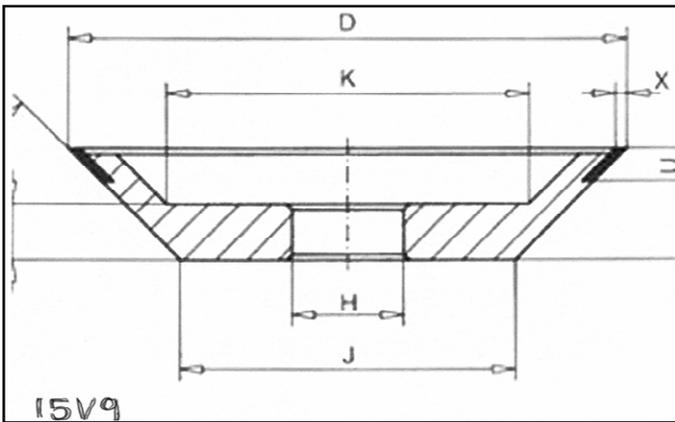
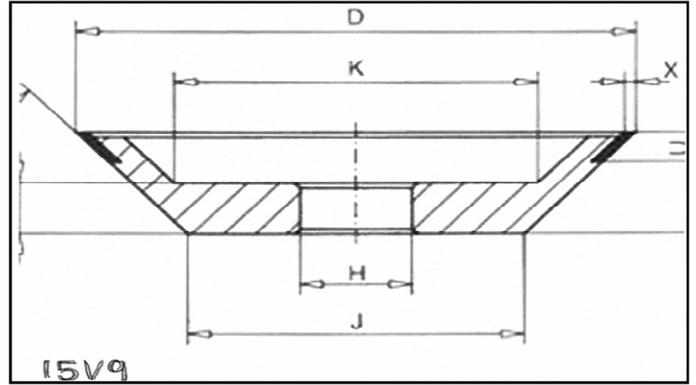
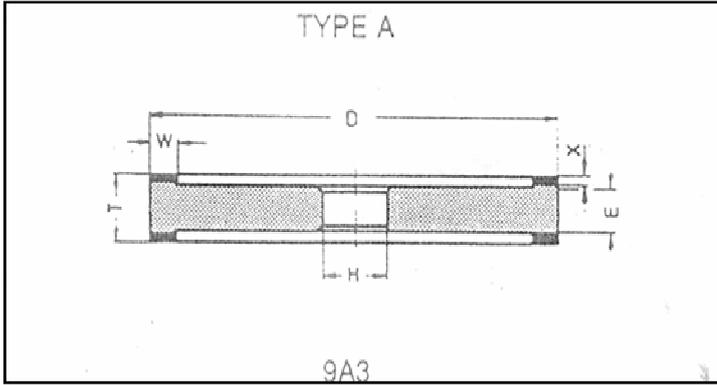


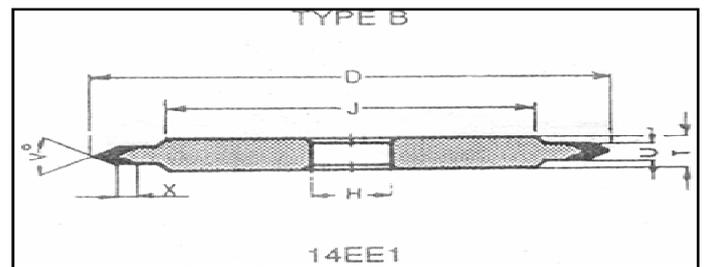
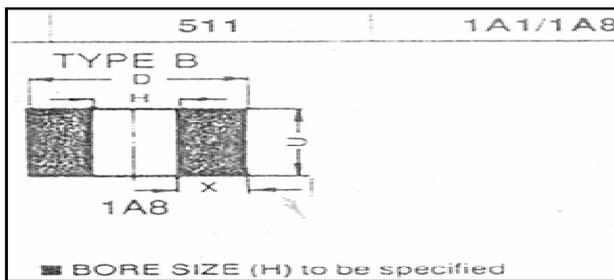
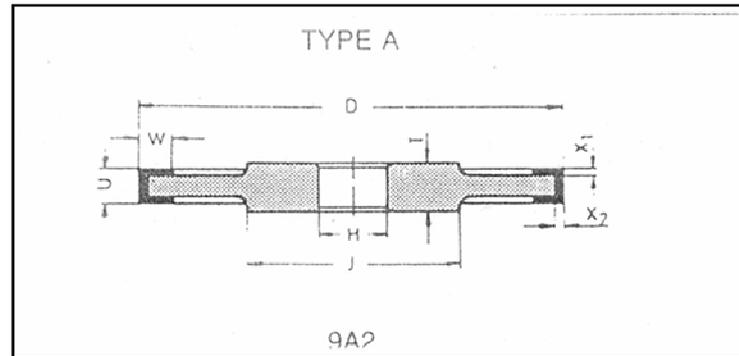
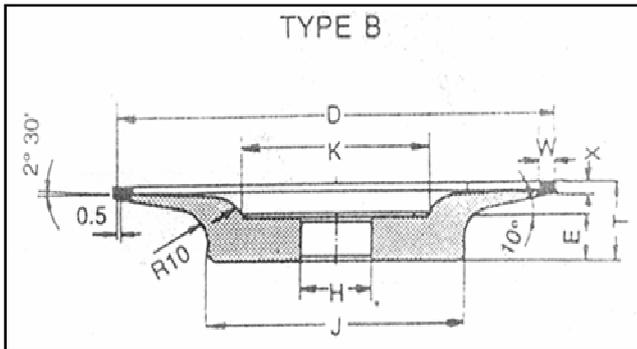
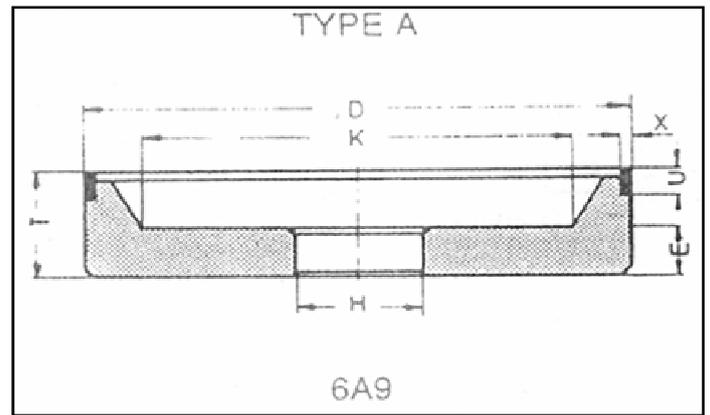
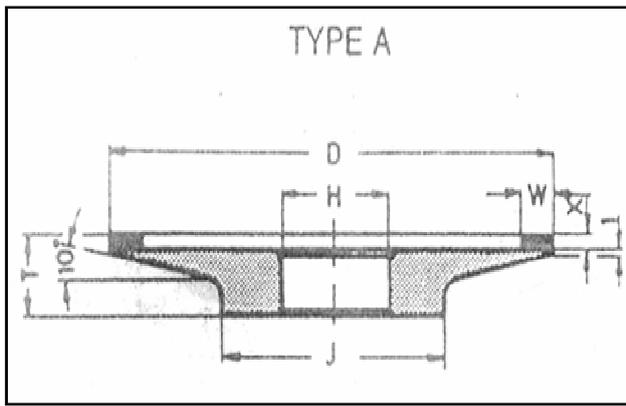
9 A3, 11A2, 12A2 WHEELS



6A1 (LEFT), 1A1 CENTRELESS LARGE WHEEL (CENTRE) AND 9A1 WHEEL (RIGHT)







SOME STANDARD TYPE WHEELS WHICH OUR CUSTOMERS PREFER

Type	Size	Grit	Concentration	Bore	Cost INR
15v9	100-2-10	D54	75C	31.75	1100
11v9	75-3-10	D54	75C	31.75	1000
11v9	75-3-10(enc type)	D54	75C	31.75	1300
11v9	100-2-10	D54	75C	31.75	1250
1v1	125-12-5	D91	75C	31.75	2950
1A1	100-3-4	D54	75C	31.75	1300
1A1	100-4-4	D54	75C	31.75	1300
1A1	100-6-4	D54	75C	31.75	1400
1A1	100-8-4	D54	75C	31.75	1500
1A1	100-10-4	D54	75C	31.75	1800
1A1	300-12-5	D30	75C	31.75	7550
1A1	100-5-4	D54	75C	31.75	1250
15V9	100-2-6	D30	75C	31.75	1200
15V9	100-2-6	D15	75C	31.75	1200

11A2	100-10-3	D126	75C	31.75	1200
11V9	100-2-10	D126	75C	31.75	1000
15V9	100-2-10	D107	75C	31.75	1100
15V9	100-2-5	D107	75C	31.75	1000
14A1	100-4-2	D126	100C	31.75	1100
11V9	125-3-10	D126	75	31.75	2200

### Some Standard size/grit diamond wheels

Standard size	grit	CONCENTRATION	BORE	COST INR	Wheel type
150X1.3X6	D91	100	31.75	1350	14A1 cut off wheel
150X2X6	D46	100	31.75	1650	14A1
150X3X6	D46	100	31.75	2800	14A1
150X4X6	D46	100	31.75	3450	14A1
150X5X6	D46	100	31.75	4200	14A1
150X6X6	D46	100	31.75	5000	1A1
150X8X6	D46	100	31.75	5700	1A1

150X10X6	D46	100	31.75	6700	1A1
150X13X6	D91	100	31.75	7800	1A1
150X4X6	D10	100	31.75	4200	14A1,MICRON GRIT
150X5X6	D10	100	31.75	4600	14A1 MICRON GRIT

### Some standard size/grit CBN wheels

Standard size	grit	concentration	Bore	Cost inr	Wheel type
150X6X6	B107	100	31.75	8600	1A1
150X10X6	B107	100	31.75	12800	1A1
150X13x6	B107	100	31.75	16800	1A1

Our other Product ranges for which separate catalog exist



Cork honing sticks for superior surface

Export quality diamond dressors



Lapping paste in five cc syringes and Diamond powders

Diamond files



For honing requirements in Auto cylinder liners, hydraulic cylinder liners  
We can supply in various sizes and grits

**Advantage of using super Diamond tools products .**

- 1.) Excellent quality diamond and CBN only used, as a result you will get excellent productivity and faster cutting actions.
- 2.) Required surface finish can be achieved faster.
- 3.) power saving as less time is taken to achieve the same production
- 4.) production Increase can be realized with proper operator controls

**Our marketing partners**

## **VHV consultantants**

**Mr. RAJAN IYENGAR**

7-1-72/73 .G.2,\*

\*ANNAPURNA  
APPARMENTS\*

\*[OPP.TO](http://OPP.TO)> HOT CHIPS

OF/DARAM KARAM ROAD

Hyderabad-500016

CELL NO 08985499450\*

\*CELL NO--08106305175

EMAIL: [vhvconsultants@gmail.com](mailto:vhvconsultants@gmail.com)

**Shri Balaji hardware  
Belgaum & Goa**

**Mr. Navneet Heda**

No 42, K.L.E Engg college road,  
Udyambag, Belgaum-590008

Tel 0831-3206699

Mob:9448461601

Telefax 0831-2441601

E-mail :

[balaji hardware@hotmail.com](mailto:balaji hardware@hotmail.com)