

## Shaped Diamond Wheels

Our shaped diamond wheels are meant for application in Flexible Shaft Machines such as Freedom, Dumore and etc. They will, however, also fit many dental type High Speed Air Grinders and Bench Grinders such as Dumore and Precise. On special applications they have also been used in Jig and Internal Grinders.

They come standard with Y = 2.35mm shank and 44.5mm Overall Length. Diamond Grit - **100/120**.

Applications are numerous for use on Industrial Ceramics, Tungsten Carbide, Reinforced Plastics, Fiberglass, Composite Materials, Stone & Marble, Ferrite, Non-Ferrous Metals, Rubber & Glass.

**Ball**

Cat.#	D1	D2	T
H11	1.0		
H12	1.8		
H13	2.0		
H14	2.9		

**Flame**

Cat.#	D1	D2	T
H25	1.8		8.3

**Inverted Cone**

Cat.#	D1	D2	T
H15	1.5	1.3	1.8
H16	2.6	2.1	2.3
H17	2.3	1.9	6.2

**Wheel**

Cat.#	D1	D2	T
H28	5.3		0.8
H29	5.4		2.0
H30	6.4		2.0

**Flat End Taper**

Cat.#	D1	D2	T
H18	1.0	1.6	4.6
H19	1.3	2.1	7.7
H26	1.7	2.1	4.6
H27*	2.5	3.3	9.2

\* Total Length for Shank is 48.5mm

**Knife**

Cat.#	D1	D2	T
H31	6.1		2.3

**Cylindrical**

Cat.#	D1	D2	T
H20	1.6		4.6
H21	1.9		5.0
H22	2.5		5.2
H23	3.5		5.8

**Inverted Cone**

Cat.#	D1	D2	T
H33	6.2		3.1
H34	8.2		3.6

**Cone**

Cat.#	D1	D2	T
H24	2.5		6.9
H32	5.1		4.3

**Inverted Cone**

Cat.#	D1	D2	T
H35	6.2		3.1
H36	8.2		3.6

Minimum clamping length = Half of total length:  $L_c = 0.5 \times L$