Maximum Peripheral Speed (sfpm)	Material	Maximum Thickness of Grinding Wheel (in)	GRINDING WHEEL DIAMETERS											
			3 to 6 in		7 to 12 in		13 to 16 in		17 to 20 in		21 to 24 in		25 to 30 in		31 to 48 in	
			A (in)	B (in)	A (in)	B (in)	A (in)	B (in)	A (in)	B (in)	A (in)	B (in)	A (in)	B (in)	A (in)	B (in)
7,000	Cast Iron (min tensile strength 20,000 psi) Class 20	2	1/4	1/4	3/8	3/8	1/2	3/8	3/8	1/2	7/8	5/8	1	3/4	1 1/4	1
		4	1/2	5/16	3/8	5/16	1/2	5/16	3/4	5/8	1	5/8	1 1/8	3/4	1 3/8	1
		6	3/8	5/16	3/8	7/16	3/8	7/16	1	5/8	1 1/8	3/4	1 1/4	7/8	1 1/2	1 1/4
		8			1/2	7/16	5/8	9/16	1	3/4	1 1/8	3/4	1 1/4	7/8	1 1/2	1 1/4
		10			5/8	9/16	7/8	3/4	1	3/4	1 1/8	3/4	1 1/4	7/8	1 1/2	1 1/2
		16			3/4	11/16	1 1/8	1	1 1/4	1	1 1/16	1	1 1/16	1 1/16	1 3/4	1 3/8
		20							1 3/8	1 1/8	1 3/8	1 1/8	1 1/2	1 3/8	2	1 5/8
9,000	Malleable Iron (min tensile strength 50,000 psi) Grade 32510	2	1/4	1/4	3/8	5/16	1/2	3/8	5/8	1/2	3/4	5/8	7/8	3/4	1	7/8
		4	5/16	5/16	5/8	5/16	3/4	5/8	7/8	1/2	3/4	5/8	1 1/8	3/4	1 1/4	1/2
		6	3/8	5/16	1/2	7/16	1/2	1/2	1/2	5/8	7/8	5/8	1	3/4	1 1/2	1/2
		8			1/2	7/16	5/8	1/2	3/4	5/8	7/8	5/8	1	3/4	1 1/4	1/2
		10			1/2	1/2	5/8	1/2	3/4	5/8	7/8	5/8	1	3/4	1 1/4	1/2
		16			1/2	1/2	3/4	1/2	3/4	5/8	1	3/4	1 1/8	7/8	1 3/8	1
		20					13/16	11/16	7/8	3/4	1	3/4	1 1/8	7/8	1 1/2	1 1/8
14,200	Steel Castings (min tensile strength 60,000 psi) Grade V60-30	2	1/4	1/4	5/16	5/16	3/8	3/8	1/2	7/16	5/8	1/2	3/4	5/8	1/8	3/4
		4	1/4	1/4	1/2	1/2	1/2	1/2	5/8	1/2	5/8	1/2	3/4	5/8	1	3/4
		6	1/2	1/4	1/2	5/8	5/8	1/2	3/4	5/8	13/16	11/16	15/16	11/16	1 1/16	3/4
		8	3/8		5/8	3/4	3/4	5/8	7/8	3/4	7/8	3/4	15/16	13/16	1 3/16	1
		10			1	7/8	7/8	3/4	1	7/8	1 1/16	13/16	1 1/16	1	1 5/16	1 1/16
		16					1 1/4	1 1/8	1 1/4	1 1/16	1 1/4	1 1/16	1 1/4	1 1/16	1 13/16	1 7/16
		20							1 3/8	1 1/4	1 3/8	1 1/4	1 7/16	1 5/16	2 1/16	1 11/16
14,200	Structural Steel (min tensile strength 60,000 psi)	2	1/8	1/8	5/16	1/4	3/8	1/4	5/8	1/4	5/8	1/4	3/8	5/16	1/2	3/8
		4	1/8	1/8	3/8	5/16	1/2	5/16	5/8	3/8	3/4	5/16	3/8	5/16	1/2	3/8
		6	3/8	1/8	1/2	3/8	5/8	3/8	7/8	3/8	7/8	3/8	7/16	3/8	5/8	1/2
		8			1/2	3/8	5/8	7/16	7/8	1/2	7/8	1/2	7/16	3/8	5/8	1/2
		10			5/16	7/16	5/8	1/2	7/8	1/2	7/8	1/2	1/2	3/8	5/8	1/2
		16					7/8	5/8	1	5/8	1 1/8	5/8	1/2	7/16	3/4	5/8
		20							1 3/16	11/16	1 3/16	11/16	1/2	7/16	1 1/16	12/16
													5/8	3/4	1 3/16	13/16