



CONTINUED



Egg/Oval (SE)



Flame (SH)



Inverted Cone (SN)



Pointed Cone (SM)



Taper - Radius (SL)



Tree - Pointed (SG)



Tree - Radius (SF)



Carbide Burs

Trade No.	Cutter Dia.	Length of Cut	Shank Size	Overall Length	Max. Speed	Single Cut		Double Cut	
						Brand	Item No.	Brand	Item No.
Egg/Oval									
SE-1	1/4"	3/8 in	1/4"	2 in	65,000 RPM	—	22XZ11	—	22YC15 *
SE-1	1/4"	3/8 in	1/4"	2 in	—	—	—	Widia	2RPU7
SE-1	1/4"	3/8 in	1/4"	2 in	30,000 RPM	—	—	—	19D860
SE-3	3/8"	5/8 in	1/4"	2 3/8 in	—	—	—	Widia	12399
SE-3	3/8"	5/8 in	1/4"	2 1/8 in	60,000 RPM	—	22XZ12	—	22YC16
SE-3	3/8"	5/8 in	1/4"	2 1/8 in	40,000 RPM	—	—	—	19D863
SE-5	1/2"	1 in	1/4"	2 3/4 in	—	Widia	6KJJ0 †	—	—
SE-5	1/2"	1 in	1/4"	2 3/4 in	—	—	—	Widia	12401 *
SE-5	1/2"	1 in	1/4"	2 3/4 in	50,000 RPM	—	22XZ13	—	22YC17
SE-5	1/2"	1 in	1/4"	2 3/4 in	40,000 RPM	—	19D709	—	19D859
SE-6	5/8"	1 in	1/4"	2 3/4 in	50,000 RPM	—	22XZ14	—	22YC18
SE-6	5/8"	1 in	1/4"	2 3/4 in	25,000 RPM	—	—	—	19D866
SE-7	3/4"	1 in	1/4"	2 3/4 in	35,000 RPM	—	22XZ16	—	22YC20
SE-7	3/4"	1 in	1/4"	2 3/4 in	20,000 RPM	—	19D715	—	19D865
SE-11	3/8"	3/8 in	1/4"	2 in	75,000 RPM	—	22YE08 *	—	22YE09 *
SE-41	1/8"	1/2 in	1/8"	1 1/2 in	—	—	—	Widia	2RPU5 *
SE-41	1/8"	1/2 in	1/8"	1 1/2 in	90,000 RPM	—	22XZ06 *	—	22YC10 *
SE-41	1/8"	1/2 in	1/8"	1 1/2 in	70,000 RPM	—	—	—	19D862 *
SE-51	1/4"	3/8 in	1/8"	1 5/8 in	—	—	—	Widia	2RPU6
SE-51	1/4"	3/8 in	1/8"	1 5/8 in	65,000 RPM	—	22XZ10 *	—	22YC14 *
SE-53	3/8"	3/8 in	1/8"	1 1/2 in	—	—	—	Widia	6KJN6 *
SE-53	3/8"	3/8 in	1/8"	1 1/2 in	75,000 RPM	—	22XZ08 *	—	22YC12 *
Flame									
SH-1	1/4"	3/8 in	1/4"	2 in	65,000 RPM	—	22XZ54 *	—	22YC59 *
SH-2	5/8"	3/4 in	1/4"	2 1/2 in	—	Widia	6KJG3	—	—
SH-2	5/8"	3/4 in	1/4"	2 1/2 in	60,000 RPM	—	22XZ50	—	22YC55
SH-5	1/2"	1 1/4 in	1/4"	3 in	50,000 RPM	—	22XZ51	—	22YC56
SH-5	1/2"	1 1/4 in	1/4"	3 in	—	—	—	Widia	2RPU2
SH-5	1/2"	1 1/4 in	1/4"	3 in	40,000 RPM	—	19D735	—	19D911
SH-6	5/8"	1 1/8 in	1/4"	3 3/8 in	50,000 RPM	—	22XZ52	—	22YC57
SH-7	3/4"	1 3/8 in	1/4"	2 3/8 in	35,000 RPM	—	22XZ53	—	—
SH-7	3/4"	1 3/8 in	1/4"	2 3/8 in	35,000 RPM	—	—	—	22YC58
SH-41	1/8"	1/4 in	1/8"	1 1/2 in	—	Widia	2RPU7 *	Widia	12296 *
SH-41	1/8"	1/4 in	1/8"	1 1/2 in	90,000 RPM	—	22XZ48 *	—	22YC53 *
SH-53	3/8"	3/8 in	1/8"	1 1/2 in	—	Widia	6KJG2 *	—	—
SH-53	3/8"	3/8 in	1/8"	1 1/2 in	75,000 RPM	—	22XZ49 *	—	22YC54 *
Inverted Cone									
SN-1	1/4"	3/8 in	1/4"	2 in	65,000 RPM	—	22YA03 *	—	22YD08 *
SN-2	3/8"	5/8 in	1/4"	2 1/8 in	65,000 RPM	—	22YA07	—	22YD12
SN-4	1/2"	1 in	1/4"	2 1/4 in	65,000 RPM	—	22YA04	—	22YD09
SN-6	5/8"	3/4 in	1/4"	2 1/2 in	65,000 RPM	—	22YA05	—	22YD10
SN-7	3/4"	5/8 in	1/4"	2 3/8 in	65,000 RPM	—	22YA06	—	22YD11
SN-41	1/8"	1/2 in	1/8"	1 1/2 in	70,000 RPM	—	19D786	—	—
SN-41	1/8"	1/2 in	1/8"	1 1/2 in	90,000 RPM	—	22XZ97 *	—	22YD03 *
SN-42	1/8"	3/8 in	1/8"	1 1/2 in	90,000 RPM	—	22XZ98 *	—	22YD04 *
SN-42	1/8"	3/8 in	1/8"	1 1/2 in	70,000 RPM	—	—	—	19D929 *
SN-51	1/4"	1 in	1/8"	1 3/4 in	90,000 RPM	—	22YA02 *	—	22YD07 *
SN-53	3/8"	1 in	1/8"	1 1/2 in	90,000 RPM	—	22XZ99 *	—	22YD05 *
Pointed Cone									
SM-1	1/4"	1/2 in	1/4"	2 in	—	—	—	Widia	2RPU7
SM-1	1/4"	1/2 in	1/4"	2 in	30,000 RPM	—	—	—	19D901
SM-1	1/4"	1/2 in	1/4"	2 in	65,000 RPM	—	22XZ90 *	—	22YC95 *
SM-2	1/4"	3/4 in	1/4"	2 in	65,000 RPM	—	22XZ91 *	—	22YC96 *
SM-2	1/4"	3/4 in	1/4"	2 in	—	Widia	2RPU8	Widia	12386
SM-2	1/4"	3/4 in	1/4"	2 in	30,000 RPM	—	—	—	19D902
SM-3	1/4"	1 in	1/4"	2 in	—	—	—	Widia	2RPU8
SM-3	1/4"	1 in	1/4"	2 in	65,000 RPM	—	22XZ92 *	—	22YC97 *
SM-3	1/4"	1 in	1/4"	2 in	40,000 RPM	—	—	—	19D903
SM-4	3/8"	5/8 in	1/4"	2 1/8 in	—	—	—	Widia	12390
SM-4	3/8"	5/8 in	1/4"	2 3/8 in	60,000 RPM	—	22XZ93	—	22YC98
SM-4	3/8"	5/8 in	1/4"	2 1/8 in	40,000 RPM	—	19D745	—	19D908
SM-5	1/2"	1 in	1/4"	2 3/4 in	—	Widia	2RPU2	Widia	12392
SM-5	1/2"	1 in	1/4"	2 3/4 in	50,000 RPM	—	22XZ94	—	22YC99
SM-5	1/2"	1 in	1/4"	2 3/4 in	40,000 RPM	—	—	—	19D899
SM-6	5/8"	1 in	1/4"	2 3/8 in	—	—	—	Widia	6KJP9
SM-6	5/8"	1 in	1/4"	2 3/8 in	50,000 RPM	—	22XZ95	—	22YD01
SM-6	5/8"	1 in	1/4"	2 3/8 in	25,000 RPM	—	19D747	—	19D909
SM-41	1/8"	3/8 in	1/8"	1 1/2 in	—	—	—	Widia	2RPU3 *
SM-41	1/8"	3/8 in	1/8"	1 1/2 in	70,000 RPM	—	19D742 *	—	—
SM-41	1/8"	1 1/8 in	1/8"	1 1/2 in	90,000 RPM	—	22XZ83 *	—	22YC83
SM-42	1/8"	7/16 in	1/8"	1 1/2 in	—	Widia	6KJG9 *	Widia	12304 *
SM-42	1/8"	7/16 in	1/8"	1 1/2 in	90,000 RPM	—	22XZ84 *	—	22YC89
SM-43	1/8"	5/8 in	1/8"	1 1/2 in	—	Widia	6KJH0 *	Widia	2RPU5 *
SM-43	1/8"	5/8 in	1/8"	1 1/2 in	90,000 RPM	—	22XZ87 *	—	22YC92 *
SM-51	1/4"	1 in	1/8"	1 7/8 in	—	—	—	Widia	2RPU6
SM-51	1/4"	1 in	1/8"	2 in	65,000 RPM	—	22XZ89 *	—	22YC94 *
SM-51	1/4"	1 in	1/8"	2 in	40,000 RPM	—	—	—	19D904
SM-53	3/8"	1 1/2 in	1/8"	1 1/2 in	75,000 RPM	—	22XZ88 *	—	22YC93 *
Taper - Radius									
SL-1	1/4"	5/8 in	1/4"	2 in	—	—	—	Widia	6KJP6
SL-1	1/4"	5/8 in	1/4"	2 in	30,000 RPM	—	—	—	19D918
SL-1	1/4"	5/8 in	1/4"	2 in	65,000 RPM	—	22XZ75 *	—	22YC80 *
SL-2	3/8"	7/8 in	1/4"	2 3/4 in	—	—	—	Widia	6KJP7
SL-2	3/8"	7/8 in	1/4"	2 3/4 in	60,000 RPM	—	22XZ76	—	22YC87

Trade No.	Cutter Dia.	Length of Cut	Shank Size	Overall Length	Max. Speed	Single Cut		Double Cut	
						Brand	Item No.	Brand	Item No.
SL-2	3/8"	7/8 in	1/4"	2 3/4 in	40,000 RPM	—	—	—	19D919
SL-3	3/8"	1 1/8 in	1/4"	2 1/8 in	—	—	—	Widia	5ET16 *
SL-3	3/8"	1 1/8 in	1/4"	2 1/8 in	60,000 RPM	—	22XZ77	—	22YC82
SL-3	3/8"	1 1/8 in	1/4"	2 1/8 in	40,000 RPM	—	19D774	—	19D920
SL-4	1/2"	1 1/8 in	1/4"	2 1/8 in	50,000 RPM	—	22XZ78	—	22YC83
SL-4	1/2"	1 1/4 in	1/4"	3 in	—	Widia	6KJJ3 †	—	—
SL-4	1/2"	1 1/8 in	1/4"	3 1/2 in	40,000 RPM	—	—	Widia	5ET18 *
SL-5	5/8"	1 3/8 in	1/4"	2 1/8 in	50,000 RPM	—	22XZ80	—	19D921
SL-6	5/8"	1 3/8 in	1/4"	3 3/8 in	—	—	—	Widia	22YC85
SL-6	5/8"	1 3/8 in	1/4"	3 3/8 in	50,000 RPM	—	22XZ69	—	6KJP8
SL-6	5/8"	1 3/8 in	1/4"	3 3/8 in	25,000 RPM	—	—	—	22YC74
SL-7	3/4"	1 1/2 in	1/4"	3 1/4 in	35,000 RPM	—	22XZ81	—	—
SL-7	3/4"	1 1/2 in	1/4"	3 1/4 in	50,000 RPM	—	—	—	22YC86
SL-7	3/4"	1 1/2 in	1/4"	3 3/8 in	20,000 RPM	—	—	—	19D925
SL-41	1/8"	3/8 in	1/8"	1 1/2 in	—	—	—	Widia	6KJP4 *
SL-41	1/8"	3/8 in	1/8"	1 1/2 in	90,000 RPM	—	22XZ70 *	—	22YC75 *
SL-42	1/8"	1/2 in	1/8"	1 1/2 in	—	Widia	6KJG5 *	Widia	6KJP5 *
SL-42	1/8"	1/2 in	1/8"	1 1/2 in	90,000 RPM	—	22XZ71 *	—	22YC76 *
SL-53	3/8"	1 1/2 in	1/8"	1 1/8 in	75,000 RPM	—	22XZ73 *	—	22YC78 *
Tree - Pointed									
SG-1	1/4"	3/8 in	1/4"	2 in	65,000 RPM	—	22XZ38 *	—	22YC42 *
SG-1	1/4"	3/8 in	1/4"	2 in	—	Widia	6KJF9	Widia	12378
SG-1	1/4"	3/8 in	1/4"	2 in	30,000 RPM	—	19D753	—	19D880
SG-2	3/8"	3/4 in	1/4"	2 1/8 in	65,000 RPM	—	22XZ39	—	22YC43
SG-3	3/8"	3/4 in	1/4"	2 1/8 in	—	—	—	Widia	6KJP1 *
SG-3	3/8"	3/4 in	1/4"	2 1/8 in	65,000 RPM	—	22XZ40	—	22YC44
SG-3	3/8"	3/4 in	1/4"	2 1/8 in	40,000 RPM	—	19D758	—	19D885
SG-5	1/2"	1 in	1/4"	2 3/4 in	—	—	—	Widia	12382
SG-5	1/2"	1 in	1/4"	2 3/4 in	65,000 RPM	—	22XZ42	—	22YC46
SG-5	1/2"	1 in	1/4"	2 3/4 in	40,000 RPM	—	—	—	19D891
SG-6	5/8"	1 in	1/4"	2 3/4 in	65,000 RPM	—	22XZ43	—	22YC47
SG-6	5/8"	1 in	1/4"	2 3/4 in	25,000 RPM	—	19D768	—	—
SG-7	3/4"	1 in	1/4"	2 3/4 in	65,000 RPM	—	22XZ44	—	22YC48
SG-13	1/2"	3/4 in	1/4"	2 1/8 in	65,000 RPM	—	22XZ41	—	22YC45
SG-13	1/2"	3/4 in	1/4"	2 1/8 in	40,000 RPM	—	19D754	—	—
SG-15	3/4"	1 1/2 in	1/4"	3 1/4 in	65,000 RPM	—	22XZ45	—	22YC49
SG-15	3/4"	1 1/2 in	1/4"	3 1/4 in	20,000 RPM	—	19D755	—	—
SG-41	1/8"	1/4 in	1/8"	1 1/2 in	—	—	—	Widia	6KJN9
SG-41	1/8"	1/4 in	1/8"	1 1/2 in	90,000 RPM	—	22XZ32 *	—	22YC36 *
SG-41	1/8"	1/4 in	1/8"	1 1/2 in	70,000 RPM	—	19D760 *	—	—
SG-42	1/8"	3/8 in	1/8"	1 1/2 in	90,000 RPM	—	22XZ33 *	—	22YC37 *
SG-42	1/8"	3/8 in	1/8"	1 1/2 in	70,000 RPM	—	19D761 *	—	—
SG-43	1/8"	3/8 in	1/8"	1 1/2 in	—	Widia	6KJF6 *	—	—
SG-43	1/8"	3/8 in	1/8"	1 1/2 in	90,000 RPM	—	22XZ34 *	—	22YC38 *
SG-44	1/8"	1/2 in	1/8"	1 1/2 in	—	Widia	6KJF7 *	Widia	6KJP0 *
SG-44	1/8"	1/2 in	1/8"	1 1/2 in	90,000 RPM	—	22XZ46 *	—	22YC50 *
SG-51	3/8"	1/2 in	1/8"	1 1/2 in	40,000 RPM	—	19D766 *	—	—
SG-51	1/4"	1/2 in	1/8"	2 in	90,000 RPM	—	22XZ37 *	—	22YC41 *
SG-51	1/4"	1/2 in	1/8"	2 in	40,000 RPM	—	—	—	19D892 *
SG-53	3/8"	1 1/2 in	1/8"	1 1/2 in	90,000 RPM	—	22XZ35 *	—	22YC39 *
Tree - Radius									
SF-1	1/4"	3/8 in	1/4"	2 in	30,000 RPM	—	19D718	—	19D867
SF-1	1/4"	3/8 in	1/4"	2 in	—	—	—	Widia	12366
SF-1	1/4"	3/8 in	1/4"	2 in	65,000 RPM	—	22XZ23 *	—	22YC27 *
SF-3	3/8"	3/4 in	1/4"	2 1/8 in	—	Widia	6KJJ1 †	—	—
SF-3	3/8"	3/4 in	1/4"	2 1/8 in	—	Widia	22PY5	Widia	12368
SF-3	3/8"	3/4 in	1/4"	2 1/8 in	65,000 RPM	—	22XZ24	—	22YC28
SF-3	3/8"	3/4 in	1/4"	2 1/8 in	40,000 RPM	—	19D722	—	19D871
SF-4	7/8"	1 in	1/4"	2 3/8 in	65,000 RPM	—	22XZ25	—	22YC29
SF-5	1/2"	1 in	1/4"	2 3/4 in	—	Widia	6KJJ2 †	Widia	12372
SF-5	1/2"	1 in	1/4"	2 3/4 in	65,000 RPM	—	22XZ27	—	22YC31
SF-5	1/2"	1 in	1/4"	2 3/4 in	40,000 RPM	—	19D726	—	19D875
SF-6	5/8"	1 in	1/4"	2 3/4 in	—	—	—	Widia	12374 *
SF-6	5/8"	1 in	1/4"	2 3/4 in	65,000 RPM	—	22XZ28	—	22YC32
SF-6	5/8"	1 in	1/4"	2 3/4 in	25,000 RPM	—	19D729	—	—
SF-7	3/4"	1 in	1/4"	2 3/4 in	—	—	—	Widia	6KJN8
SF-7	3/4"	1 in	1/4"	2 3/4 in	65,000 RPM	—	22XZ29	—	22YC33
SF-11	1/8"	1/2 in	1/4"	2 in	65,000 RPM	—	22XZ19 *	—	22YC23 *
SF-13	1/2"	3/4 in	1/4"	2 1/8 in	—	—	—	Widia	6KJN7
SF-13	1/2"	3/4 in	1/4"	2 1/8 in	40,000 RPM	—	19D719	—	—
SF-13	1/2"	3/4 in	1/4"	2 1/8 in	65,000 RPM	—	22XZ26	—	22YC30
SF-14	3/4"	1 1/4 in	1/4"	3 in	65,000 RPM	—	22XZ30	—	22YC34
SF-14	3/4"	1 1/4 in	1/4"	3 in	20,000 RPM	—	—	—	19D869
SF-15	3/4"	1 1/2 in	1/4"	3 1/4 in	20,000 RPM	—	—	—	19D870
SF-15	3/4"	1 1/2 in	1/4"	3 1/2 in	65,000 RPM	—	22XZ31	—	22YC35
SF-41	1/8"	1/2 in	1/8"	1 1/2 in	—	Widia	22PY3 *	Widia	12306 *
SF-41	1/8"	1/4 in	1/8"	1 1/2 in	90,000 RPM	—	22XZ17 *	—	22YC21 *
SF-42	1/8"	1/2 in	1/8"	1 1/2 in	—	Widia	6KJF3 *	Widia	22PY9 *
SF-42	1/8"	1/2 in	1/8"	1 1/2 in	90,000 RPM	—	22XZ18 *	—	22YC22 *
SF-51	1/4"	1/2 in	1/8"	1 3/4 in	—	Widia	6KJF4	Widia	22PY1
SF-51	1/4"	1/2 in	1/8"	2 in	90,000 RPM	—	22XZ22 *	—	22YC26 *
SF-53	3/8"	1 1/2 in	1/8"	1 1/2 in	90,000 RPM	—	22XZ20 *	—	22YC24 *