



Carbide Burs

- For long shank burs, see Grainger.com®
- For information on overall length, see Grainger.com®

Single Cut—For general purpose use on steel, cast iron, ferrous, and nonferrous metals.

Double Cut—For use on steel, stainless steel, high-temperature alloys, and cast iron.

Diamond Cut—For fiberglass routing.

Trade No.	Cutter Dia.	Length of Cut	Shank Size	APPROVED VENDOR		WIDIA	
				Single Cut Item No.	Double Cut Item No.	Single Cut Item No.	Double Cut Item No.
Cylinder - No End Cut							
SA-1	1/4"	3/8 in	1/4"	19D632	19D788	2RPW3	12318 *
SA-2	3/16"	3/4 in	1/4"	19D636	19D792	—	6KJL0
SA-3	3/8"	3/4 in	1/4"	19D637	19D793	2RPW4	12326
SA-5	1/2"	1 in	1/4"	19D643	19D799	2RPW5	12334
SA-6	5/8"	1 in	1/4"	19D648	—	6KJD6	6KJL1
SA-7	3/4"	1 in	1/4"	—	19D806	—	6KJL5
SA-9	1"	1 in	1/4"	19D650	—	—	—
SA-11	1/8"	1/2 in	1/4"	19D633	19D789	—	2NHG6
SA-41	1/16"	1/4 in	1/8"	19D640	19D796	—	6KJK8 *
SA-42	3/32"	7/16 in	1/8"	—	—	6KJD3	—
SA-43	1/8"	9/16 in	1/8"	—	19D798	2RPW2 *	12285 *
SA-51	1/4"	1/2 in	1/8"	—	19D801	—	—
SA-51	1/4"	3/16 in	1/8"	—	—	—	2NHG7
Cylinder - End Cut							
SB-1	1/4"	3/8 in	1/4"	19D653	19D809	6KJH3 †	12320 *
SB-2	3/16"	3/4 in	1/4"	—	19D815	—	—
SB-3	3/8"	3/4 in	1/4"	19D655	19D812	2RPW7	12328
SB-5	1/2"	1 in	1/4"	19D651	19D808	2RPW8	12336
SB-5	1/2"	1 in	1/4"	—	—	6KJH5 †	—
SB-6	5/8"	1 in	1/4"	—	19D814	—	6KJL4
SB-7	3/4"	1 in	1/4"	—	—	—	12344
SB-14	3/16"	3/8 in	1/4"	—	19D813	—	—
SB-41	1/16"	1/4 in	1/8"	—	—	6KJD8 *	—
SB-42	3/32"	7/16 in	1/8"	19D658	19D816	—	—
SB-51	1/4"	1/2 in	1/8"	—	—	—	2NHG9 *
Cylinder - Radius End							
SC-1	1/4"	3/8 in	1/4"	19D683	19D823	—	12352 *
SC-2	3/16"	3/4 in	1/4"	—	19D830	6KJE1 *	6KJL7 *
SC-3	3/8"	3/4 in	1/4"	19D673	19D827	2RPX3 *	12356
SC-4	1/2"	1 in	1/4"	19D681	—	—	—
SC-5	1/2"	1 in	1/4"	—	—	6KJH7 * †	—
SC-5	1/2"	1 in	1/4"	19D668	19D822	6KJE2	12358
SC-6	5/8"	1 in	1/4"	—	19D829	—	6KJL8 *
SC-7	3/4"	1 in	1/4"	19D678	—	—	—
SC-11	1/8"	1/2 in	1/4"	19D671	19D825	—	2RPU1 *
SC-14	3/16"	3/8 in	1/4"	—	19D828	—	—
SC-41	3/32"	7/16 in	1/8"	—	—	—	12292 *
SC-42	1/8"	9/16 in	1/8"	—	19D826	2RPX1 *	12288 *
SC-51	1/4"	1/2 in	1/8"	—	19D824	—	2RPU2
Ball							
SD-1	1/4"	7/32 in	1/4"	—	19D838	—	—
SD-1	1/4"	1/4 in	1/4"	—	—	2RPX6	12408
SD-3	3/8"	3/8 in	1/4"	19D692	19D844	—	—
SD-3	3/8"	3/8 in	1/4"	—	—	2RPX7	12410
SD-3	3/8"	3/8 in	1/4"	—	—	6KJH8	—
SD-4	1/2"	3/8 in	1/4"	19D696	—	—	—
SD-5	1/2"	7/16 in	1/4"	—	19D851	—	—
SD-5	1/2"	1/2 in	1/4"	—	—	2RPX8	12412
SD-6	5/8"	9/16 in	1/4"	19D706	—	—	—
SD-7	3/4"	3/4 in	1/4"	—	—	6KJE9	6KJN4
SD-9	1"	3/4 in	1/4"	19D708	—	—	—
SD-9	1"	1 in	1/4"	—	—	—	6KJN5
SD-11	1/8"	1/8 in	1/4"	—	—	6KJE4	2RPU3
SD-40	1/16"	1/16 in	1/8"	—	—	6KJE3 *	—
SD-41	3/32"	3/32 in	1/8"	—	—	2RPX5 *	12300 *
SD-42	1/8"	1/8 in	1/8"	—	19D850	—	12294 *
SD-51	1/4"	7/32 in	1/8"	—	19D852	—	—
SD-51	1/4"	1/4 in	1/8"	—	—	6KJE7	2RPU4
SD-53	3/16"	3/32 in	1/8"	19D703	19D853	—	—
SD-53	3/16"	3/16 in	1/8"	—	—	—	6KJL9 *
Egg/Oval							
SE-1	1/4"	3/8 in	1/4"	—	19D860	—	2RPU7
SE-3	3/8"	3/8 in	1/4"	—	19D863	—	12399
SE-5	1/2"	1 in	1/4"	—	—	6KJJ0 †	—
SE-5	1/2"	7/8 in	1/4"	19D709	19D859	—	12401 *
SE-6	5/8"	1 in	1/4"	—	19D866	—	—
SE-7	3/4"	1 in	1/4"	19D715	19D865	—	—
SE-41	1/8"	7/32 in	1/8"	—	19D862	—	2RPU5 *
SE-51	1/4"	3/8 in	1/8"	—	—	—	2RPU6
SE-53	3/16"	3/32 in	1/8"	—	—	—	6KJN6 *
Tree - Radius							
SF-1	1/4"	3/8 in	1/4"	19D718	19D867	—	12366
SF-3	3/8"	3/4 in	1/4"	19D722	19D871	2RPY5	12368
SF-3	3/8"	3/4 in	1/4"	—	—	6KJJ1 †	—
SF-5	1/2"	1 in	1/4"	19D726	19D875	6KJJ2 †	12372
SF-6	5/8"	1 in	1/4"	19D729	—	—	12374 *
SF-7	3/4"	1 in	1/4"	—	—	—	6KJN8
SF-13	1/2"	3/4 in	1/4"	19D719	—	—	6KJN7
SF-14	3/4"	1 1/4 in	1/4"	—	19D869	—	—
SF-15	3/4"	1 1/2 in	1/4"	—	19D870	—	—
SF-41	1/8"	1/4 in	1/8"	—	—	2RPY3 *	12306 *
SF-42	1/8"	1/2 in	1/8"	—	—	6KJF3 *	2RPU9 *
SF-51	1/4"	1/2 in	1/8"	—	—	6KJF4	2RPV1

* Solid carbide tool; all others have hardened steel shanks. † For cutting aluminum.

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