



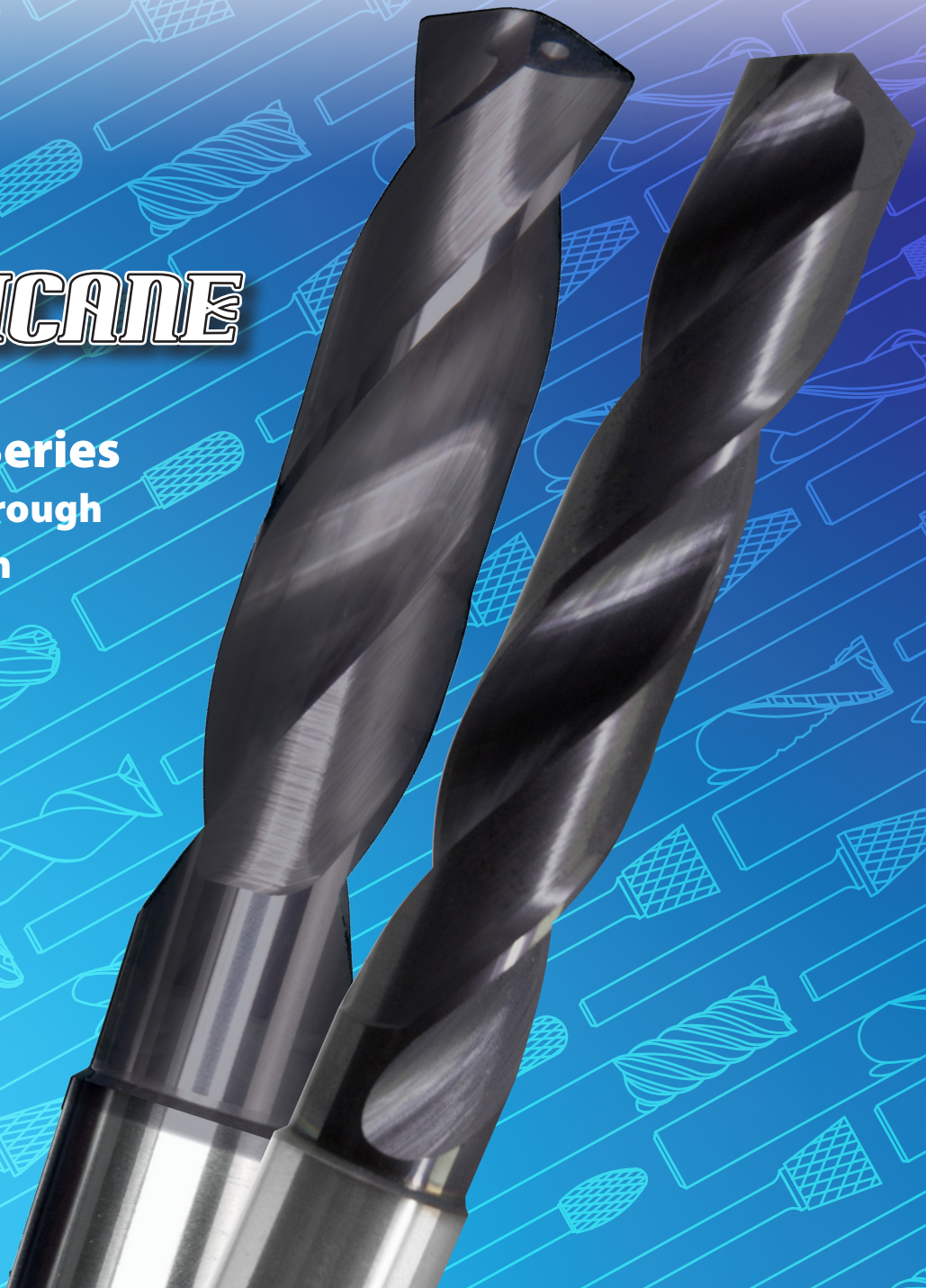
*The Cutting Edge **M**astered*

3xD

 **HURRICANE**

Hurricane Drill Series

- Non-Coolant Through
- Coolant Through



Hurricane Drills

3xD Length

2 FLUTE • 140° POINT • 30° HELIX
RIGID DESIGN FOR FAST FEED RATES

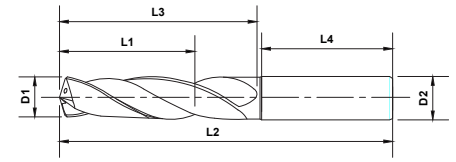
POWERA COATED

MAP CERTIFIED QUALITY

HIGH PERFORMANCE A-Gr-SiV SUBMICRON GRAIN CARBIDE



DESIGNED FOR USE ON:



Imperial Decimal Diameter (D1)	Metric Diameter (D1)	Length of Cut (L1)	Length of Flute (L3)	Shank Diameter (D2)	Shank Length (L4)	Overall Length (L2)	POWERA Non-Coolant Through	POWERA Coolant Through
0.1181	3.000	14	20	6	36	62	750-002-1	-
0.1220	3.100	14	20	6	36	62	750-004-1	-
0.1248	3.170	14	20	6	36	62	750-006-1	-
0.1250 (1/8")	3.175	14	20	6	36	62	750-008-1	-
0.1260	3.200	14	20	6	36	62	750-010-1	-
0.1280	3.250	14	20	6	36	62	750-012-1	-
0.1299	3.300	14	20	6	36	62	750-014-1	-
0.1339	3.400	14	20	6	36	62	750-016-1	750-516-1
0.1360 (#29)	3.454	14	20	6	36	62	750-338-1	750-838-1
0.1378	3.500	14	20	6	36	62	750-018-1	750-518-1
0.1406 (9/64")	3.570	14	20	6	36	62	750-020-1	750-520-1
0.1417	3.600	14	20	6	36	62	750-024-1	750-524-1
0.1457	3.700	14	20	6	36	62	750-026-1	750-526-1
0.1496	3.800	17	24	6	36	66	750-028-1	750-528-1
0.1535	3.900	17	24	6	36	66	750-030-1	750-530-1
0.1563 (5/32")	3.970	17	24	6	36	66	750-034-1	750-534-1
0.1575	4.000	17	24	6	36	66	750-036-1	750-536-1
0.1590 (#21)	4.039	17	24	6	36	66	750-340-1	750-840-1
0.1614	4.100	17	24	6	36	66	750-038-1	750-538-1
0.1654	4.200	17	24	6	36	66	750-040-1	750-540-1
0.1693	4.300	17	24	6	36	66	750-042-1	750-542-1
0.1719 (11/64")	4.366	17	24	6	36	66	750-044-1	750-544-1
0.1720	4.370	17	24	6	36	66	750-046-1	750-546-1
0.1732	4.400	17	24	6	36	66	750-048-1	750-548-1
0.1772	4.500	17	24	6	36	66	750-050-1	750-550-1
0.1811	4.600	17	24	6	36	66	750-052-1	750-552-1
0.1831	4.650	17	24	6	36	66	750-054-1	750-554-1
0.1850	4.700	17	24	6	36	66	750-056-1	750-556-1
0.1874	4.760	20	28	6	36	66	750-058-1	750-558-1
0.1875 (3/16")	4.763	20	28	6	36	66	750-060-1	750-560-1
0.1890	4.800	20	28	6	36	66	750-062-1	750-562-1
0.1929	4.900	20	28	6	36	66	750-064-1	750-564-1
0.1935 (#10)	4.915	20	28	6	36	66	750-342-1	750-842-1
0.1969	5.000	20	28	6	36	66	750-066-1	750-566-1
0.2008	5.100	20	28	6	36	66	750-068-1	750-568-1
0.2010 (#7)	5.105	20	28	6	36	66	750-344-1	750-844-1
0.2031 (13/64")	5.160	20	28	6	36	66	750-072-1	750-572-1
0.2047	5.200	20	28	6	36	66	750-074-1	750-574-1
0.2087	5.300	20	28	6	36	66	750-076-1	750-576-1
0.2126	5.400	20	28	6	36	66	750-078-1	750-578-1

POWERA COATING (AlTiN)

PowerA is Mastercut Tool Corp.'s proprietary AlTiN, a PVD coating that surpasses the proven performance of TiAlN for a broader spectrum of machining applications. With an increased thermal stability approaching 1,600°F (900°C), this coating excels in high-speed machining applications in wet, dry or MQL approaches. With a similarly impressive Vickers Hardness of our original TiAlN, PowerA offers an additional increase in thermal stability of 200°F (100°C). PowerA will ensure that heat buildup, friction, and edge breakdown are all greatly reduced, resulting in better cutting performance and longer tool life.



Mastercut's PowerA coating for more aggressive speeds and feeds!

Imperial Decimal Diameter (D1)	Metric Diameter (D1)	Length of Cut (L1)	Length of Flute (L3)	Shank Diameter (D2)	Shank Length (L4)	Overall Length (L2)	POWERA Non-Coolant Through	POWERA Coolant Through
0.2165	5.500	20	28	6	36	66	750-080-1	750-580-1
0.2185	5.550	20	28	6	36	66	750-082-1	750-582-1
0.2188 (7/32")	5.556	20	28	6	36	66	750-084-1	750-584-1
0.2189	5.560	20	28	6	36	66	750-086-1	750-586-1
0.2205	5.600	20	28	6	36	66	750-088-1	750-588-1
0.2244	5.700	20	28	6	36	66	750-090-1	750-590-1
0.2283	5.800	20	28	6	36	66	750-092-1	750-592-1
0.2323	5.900	20	28	6	36	66	750-094-1	750-594-1
0.2343	5.950	20	28	6	36	66	750-096-1	750-596-1
0.2344 (15/64")	5.953	20	28	6	36	66	750-098-1	750-598-1
0.2362	6.000	20	28	6	36	66	750-100-1	750-600-1
0.2402	6.100	24	34	8	36	79	750-102-1	750-602-1
0.2441	6.200	24	34	8	36	79	750-104-1	750-604-1
0.2480	6.300	24	34	8	36	79	750-106-1	750-606-1
0.2500 (1/4")	6.350	24	34	8	36	79	750-108-1	750-608-1
0.2520	6.400	24	34	8	36	79	750-110-1	750-610-1
0.2559	6.500	24	34	8	36	79	750-112-1	750-612-1
0.2570 (#F)	6.528	24	34	8	36	79	750-346-1	750-846-1
0.2598	6.600	24	34	8	36	79	750-114-1	750-614-1
0.2638	6.700	24	34	8	36	79	750-116-1	750-616-1
0.2656 (17/64")	6.747	24	34	8	36	79	750-118-1	750-618-1
0.2657	6.750	24	34	8	36	79	750-120-1	750-620-1
0.2677	6.800	24	34	8	36	79	750-122-1	750-622-1
0.2717	6.900	24	34	8	36	79	750-124-1	750-624-1
0.2756	7.000	24	34	8	36	79	750-126-1	750-626-1
0.2795	7.100	29	41	8	36	79	750-128-1	750-628-1
0.2811	7.140	29	41	8	36	79	750-130-1	750-630-1
0.2813 (9/32")	7.144	29	41	8	36	79	750-132-1	750-632-1
0.2835	7.200	29	41	8	36	79	750-134-1	750-634-1
0.2874	7.300	29	41	8	36	79	750-136-1	750-636-1
0.2913	7.400	29	41	8	36	79	750-138-1	750-638-1
0.2953	7.500	29	41	8	36	79	750-140-1	750-640-1
0.2969 (19/64")	7.540	29	41	8	36	79	750-142-1	750-642-1
0.2992	7.600	29	41	8	36	79	750-146-1	750-646-1
0.3031	7.700	29	41	8	36	79	750-148-1	750-648-1
0.3071	7.800	29	41	8	36	79	750-150-1	750-650-1
0.3110	7.900	29	41	8	36	79	750-152-1	750-652-1
0.3125 (5/16")	7.938	29	41	8	36	79	750-154-1	750-654-1
0.3126	7.940	29	41	8	36	79	750-156-1	750-656-1
0.3150	8.000	29	41	8	36	79	750-158-1	750-658-1
0.3189	8.100	35	47	10	40	89	750-160-1	750-660-1
0.3228	8.200	35	47	10	40	89	750-162-1	750-662-1
0.3268	8.300	35	47	10	40	89	750-164-1	750-664-1
0.3280	8.330	35	47	10	40	89	750-166-1	750-666-1
0.3281 (21/64")	8.334	35	47	10	40	89	750-168-1	750-668-1
0.3307	8.400	35	47	10	40	89	750-170-1	750-670-1
0.3346	8.500	35	47	10	40	89	750-172-1	750-672-1
0.3386	8.600	35	47	10	40	89	750-174-1	750-674-1
0.3425	8.700	35	47	10	40	89	750-176-1	750-676-1
0.3438 (11/32")	8.731	35	47	10	40	89	750-178-1	750-678-1
0.3465	8.800	35	47	10	40	89	750-182-1	750-682-1
0.3504	8.900	35	47	10	40	89	750-184-1	750-684-1
0.3543	9.000	35	47	10	40	89	750-186-1	750-686-1
0.3583	9.100	35	47	10	40	89	750-188-1	750-688-1
0.3594 (23/64")	9.130	35	47	10	40	89	750-192-1	750-692-1
0.3622	9.200	35	47	10	40	89	750-194-1	750-694-1
0.3642	9.250	35	47	10	40	89	750-196-1	750-696-1
0.3661	9.300	35	47	10	40	89	750-198-1	750-698-1
0.3701	9.400	35	47	10	40	89	750-200-1	750-700-1
0.3740	9.500	35	47	10	40	89	750-202-1	750-702-1
0.3748	9.520	35	47	10	40	89	750-204-1	750-704-1



Available in 3xD,
5xD and 8xD
Lengths

3xD

5xD

8xD

Imperial Decimal Diameter (D1)	Metric Diameter (D1)	Length of Cut (L1)	Length of Flute (L3)	Shank Diameter (D2)	Shank Length (L4)	Overall Length (L2)	POWERA Non-Coolant Through	POWERA Coolant Through
0.3750 (3/8")	9.525	35	47	10	40	89	750-206-1	750-706-1
0.3780	9.600	35	47	10	40	89	750-208-1	750-708-1
0.3819	9.700	35	47	10	40	89	750-210-1	750-710-1
0.3858	9.800	35	47	10	40	89	750-212-1	750-712-1
0.3898	9.900	35	47	10	40	89	750-214-1	750-714-1
0.3906 (25/64")	9.920	35	47	10	40	89	750-216-1	750-716-1
0.3937	10.000	35	47	10	40	89	750-220-1	750-720-1
0.3976	10.100	40	55	12	45	102	750-222-1	750-722-1
0.4016	10.200	40	55	12	45	102	750-224-1	750-724-1
0.4055	10.300	40	55	12	45	102	750-226-1	750-726-1
0.4063 (13/32")	10.320	40	55	12	45	102	750-230-1	750-730-1
0.4094	10.400	40	55	12	45	102	750-232-1	750-732-1
0.4134	10.500	40	55	12	45	102	750-234-1	750-734-1
0.4173	10.600	40	55	12	45	102	750-236-1	750-736-1
0.4213	10.700	40	55	12	45	102	750-238-1	750-738-1
0.4219 (27/64")	10.716	40	55	12	45	102	750-240-1	750-740-1
0.4252	10.800	40	55	12	45	102	750-242-1	750-742-1
0.4291	10.900	40	55	12	45	102	750-244-1	750-744-1
0.4331	11.000	40	55	12	45	102	750-246-1	750-746-1
0.4370	11.100	40	55	12	45	102	750-248-1	750-748-1
0.4374	11.110	40	55	12	45	102	750-250-1	750-750-1
0.4375 (7/16")	11.113	40	55	12	45	102	750-252-1	750-752-1
0.4409	11.200	40	55	12	45	102	750-254-1	750-754-1
0.4449	11.300	40	55	12	45	102	750-256-1	750-756-1
0.4488	11.400	40	55	12	45	102	750-258-1	750-758-1
0.4528	11.500	40	55	12	45	102	750-260-1	750-760-1
0.4531 (29/64")	11.509	40	55	12	45	102	750-262-1	750-762-1
0.4567	11.600	40	55	12	45	102	750-264-1	750-764-1
0.4606	11.700	40	55	12	45	102	750-266-1	750-766-1
0.4646	11.800	40	55	12	45	102	750-268-1	750-768-1
0.4685	11.900	40	55	12	45	102	750-270-1	750-770-1
0.4688 (15/32")	11.906	40	55	12	45	102	750-272-1	750-772-1
0.4689	11.910	40	55	12	45	102	750-274-1	750-774-1
0.4724	12.000	40	55	12	45	102	750-276-1	750-776-1
0.4844 (31/64")	12.303	40	55	14	45	102	750-278-1	750-778-1
0.4921	12.500	43	60	14	45	107	750-280-1	750-780-1
0.4961	12.600	43	60	14	45	107	750-282-1	750-782-1
0.5000 (1/2")	12.700	43	60	14	45	107	750-284-1	750-784-1
0.5118	13.000	43	60	14	45	107	750-286-1	750-786-1
0.5315	13.500	43	60	14	45	107	750-288-1	750-788-1
0.5394	13.700	43	60	14	45	107	750-290-1	750-790-1
0.5512	14.000	43	60	14	45	107	750-292-1	750-792-1
0.5626 (9/16")	14.290	45	65	16	48	115	750-294-1	750-794-1
0.5709	14.500	45	65	16	48	115	750-296-1	750-796-1
0.5787	14.700	45	65	16	48	115	750-298-1	750-798-1
0.5906	15.000	45	65	16	48	115	750-300-1	750-800-1
0.6102	15.500	45	65	16	48	115	750-302-1	750-802-1
0.6181	15.700	45	65	16	48	115	750-304-1	750-804-1
0.6299	16.000	45	65	16	48	115	750-306-1	750-806-1
0.6496	16.500	51	73	18	48	123	750-308-1	750-808-1
0.6693	17.000	51	73	18	48	123	750-310-1	750-810-1
0.6890	17.500	51	73	18	48	123	750-312-1	750-812-1
0.7087	18.000	51	73	18	48	123	750-314-1	750-814-1
0.7283	18.500	55	79	20	50	131	750-316-1	750-816-1
0.7480	19.000	55	79	20	50	131	750-318-1	750-818-1
0.7677	19.500	55	79	20	50	131	750-320-1	750-820-1
0.7874	20.000	55	79	20	50	131	750-322-1	750-822-1

Distributed By:



Main Office
965 Harbor Lake Dr.
Safety Harbor, Florida 34695 USA
Tel: 001 . 727 . 726 . 5336
Fax: 001 . 727 . 725 . 2532
Email: sales@mastercuttool.com
Web: www.mastercuttool.com

