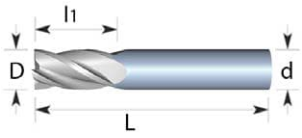
DAYTON TOOL LTD

P	●	Steel
M	◒	Stainless Steel
K	●	Cast Iron
N	○	Non-Ferrous
S		High Temp. Alloys
H		Hardened Steel

● GOOD ◒ OK ○ NOT OPTIMAL

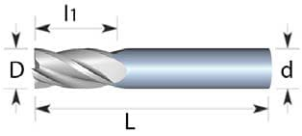
- 30 deg Helix Carbide with honed edges
- 10% Micrograin Carbide
- Diameter (D) Tolerance: +0.0000"/-0.0020"
- Shank (d) Tolerance: +0.0000"/-0.0004"

GENERAL PURPOSE



Square End, Standard Carbide, Stub Length, Single End

Cutter Diam. D	Shank Diam. d	Length Of Cut l_1	O.A.L. L	Uncoated 2 Flute Part#	Uncoated 3 Flute Part#	Uncoated 4 Flute Part#	TiALN Coated 2 Flute Part#	TiALN Coated 3 Flute Part#	TiALN Coated 4 Flute Part#
1/32	1/8	1/16	1-1/2	001-031-2	001-031-3	001-031-4	003-031-2	003-031-3	003-031-4
3/64	1/8	3/32	1-1/2	001-046-2	001-046-3	001-046-4	003-046-2	003-046-3	003-046-4
1/16	1/8	1/8	1-1/2	001-062-2	001-062-3	001-062-4	003-062-2	003-062-3	003-062-4
3/32	1/8	3/16	1-1/2	001-093-2	001-093-3	001-093-4	003-093-2	003-093-3	003-093-4
1/8	1/8	1/4	1-1/2	001-125-2	001-125-3	001-125-4	003-125-2	003-125-3	003-125-4
5/32	3/16	5/16	2	001-156-2	001-156-3	001-156-4	003-156-2	003-156-3	003-156-4
3/16	3/16	3/8	2	001-187-2	001-187-3	001-187-4	003-187-2	003-187-3	003-187-4
7/32	1/4	7/16	2	001-218-2	001-218-3	001-218-4	003-218-2	003-218-3	003-218-4
1/4	1/4	1/2	2	001-250-2	001-250-3	001-250-4	003-250-2	003-250-3	003-250-4
5/16	5/16	1/2	2	001-312-2	001-312-3	001-312-4	003-312-2	003-312-3	003-312-4
3/8	3/8	5/8	2	001-375-2	001-375-3	001-375-4	003-375-2	003-375-3	003-375-4
7/16	7/16	5/8	2-1/2	001-437-2	001-437-3	001-437-4	003-437-2	003-437-3	003-437-4
1/2	1/2	5/8	2-1/2	001-500-2	001-500-3	001-500-4	003-500-2	003-500-3	003-500-4
5/8	5/8	3/4	3	001-625-2	001-625-3	001-625-4	003-625-2	003-625-3	003-625-4
3/4	3/4	1	3	001-750-2	001-750-3	001-750-4	003-750-2	003-750-3	003-750-4
1	1	1	3	001-100-2	001-100-3	001-100-4	003-100-2	003-100-3	003-100-4



Square End, Standard Carbide, Regular Length, Single End

Cutter Diam. D	Shank Diam. d	Length Of Cut l_1	O.A.L. L	Uncoated 2 Flute Part#	Uncoated 3 Flute Part#	Uncoated 4 Flute Part#	TiALN Coated 2 Flute Part#	TiALN Coated 3 Flute Part#	TiALN Coated 4 Flute Part#
1/32	1/8	3/32	1-1/2	004-031-2	004-031-3	004-031-4	006-031-2	006-031-3	006-031-4
3/64	1/8	1/8	1-1/2	004-046-2	004-046-3	004-046-4	006-046-2	006-046-3	006-046-4
1/16	1/8	3/16	1-1/2	004-062-2	004-062-3	004-062-4	006-062-2	006-062-3	006-062-4
5/64	1/8	1/4	1-1/2	004-078-2	004-078-3	004-078-4	006-078-2	006-078-3	006-078-4
3/32	1/8	3/8	1-1/2	004-093-2	004-093-3	004-093-4	006-093-2	006-093-3	006-093-4
7/64	1/8	3/8	1-1/2	004-109-2	004-109-3	004-109-4	006-109-2	006-109-3	006-109-4
1/8	1/8	1/2	1-1/2	004-125-2	004-125-3	004-125-4	006-125-2	006-125-3	006-125-4
9/64	3/16	9/16	2	004-140-2	004-140-3	004-140-4	006-140-2	006-140-3	006-140-4
5/32	3/16	9/16	2	004-156-2	004-156-3	004-156-4	006-156-2	006-156-3	006-156-4
11/64	3/16	9/16	2	004-171-2	004-171-3	004-171-4	006-171-2	006-171-3	006-171-4
3/16	3/16	5/8	2	004-187-2	004-187-3	004-187-4	006-187-2	006-187-3	006-187-4
13/64	1/4	5/8	2-1/2	004-203-2	004-203-3	004-203-4	006-203-2	006-203-3	006-203-4
7/32	1/4	5/8	2-1/2	004-218-2	004-218-3	004-218-4	006-218-2	006-218-3	006-218-4
15/64	1/4	3/4	2-1/2	004-234-2	004-234-3	004-234-4	006-234-2	006-234-3	006-234-4
1/4	1/4	3/4	2-1/2	004-250-2	004-250-3	004-250-4	006-250-2	006-250-3	006-250-4

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K	●	Cast Iron
N	○	Non-Ferrous
S		High Temp. Alloys
H		Hardened Steel

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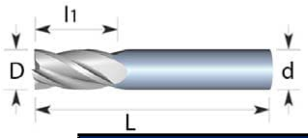
- 10% Micrograin Carbide
- Diameter (D) Tolerance: +0.0000"/-0.0020"
- Shank (d) Tolerance: +0.0000"/-0.0004"

GENERAL PURPOSE



Square End, Standard Carbide, Regular Length, Single End

Cutter Diam. D	Shank Diam. d	Length Of Cut l_1	O.A.L. L	Uncoated 2 Flute Part#	Uncoated 3 Flute Part#	Uncoated 4 Flute Part#	TiALN Coated 2 Flute Part#	TiALN Coated 3 Flute Part#	TiALN Coated 4 Flute Part#
17/64	5/16	7/8	2-1/2	004-265-2	004-265-3	004-265-4	006-265-2	006-265-3	006-265-4
9/32	5/16	7/8	2-1/2	004-281-2	004-281-3	004-281-4	006-281-2	006-281-3	006-281-4
19/64	5/16	7/8	2-1/2	004-296-2	004-296-3	004-296-4	006-296-2	006-296-3	006-296-4
5/16	5/16	7/8	2-1/2	004-312-2	004-312-3	004-312-4	006-312-2	006-312-3	006-312-4
21/64	3/8	7/8	2-1/2	004-328-2	004-328-3	004-328-4	006-328-2	006-328-3	006-328-4
11/32	3/8	7/8	2-1/2	004-343-2	004-343-3	004-343-4	006-343-2	006-343-3	006-343-4
23/64	3/8	7/8	2-1/2	004-359-2	004-359-3	004-359-4	006-359-2	006-359-3	006-359-4
3/8	3/8	1	2-1/2	004-375-2	004-375-3	004-375-4	006-375-2	006-375-3	006-375-4
25/64	7/16	1	2-1/2	004-390-2	004-390-3	004-390-4	006-390-2	006-390-3	006-390-4
13/32	7/16	1	2-1/2	004-406-2	004-406-3	004-406-4	006-406-2	006-406-3	006-406-4
27/64	7/16	1	2-1/2	004-421-2	004-421-3	004-421-4	006-421-2	006-421-3	006-421-4
7/16	7/16	1	2-1/2	004-437-2	004-437-3	004-437-4	006-437-2	006-437-3	006-437-4
29/64	1/2	1	3	004-453-2	004-453-3	004-453-4	006-453-2	006-453-3	006-453-4
15/32	1/2	1	3	004-468-2	004-468-3	004-468-4	006-468-2	006-468-3	006-468-4
31/64	1/2	1	3	004-484-2	004-484-3	004-484-4	006-484-2	006-484-3	006-484-4
1/2	1/2	1	3	004-500-2	004-500-3	004-500-4	006-500-2	006-500-3	006-500-4
1/2	1/2	1-1/4	3			004-500-4-L			006-500-4-L
33/64	9/16	1-1/4	3-1/2	004-515-2	004-515-3	004-515-4	006-515-2	006-515-3	006-515-4
17/32	9/16	1-1/4	3-1/2	004-531-2	004-531-3	004-531-4	006-531-2	006-531-3	006-531-4
35/64	9/16	1-1/4	3-1/2	004-546-2	004-546-3	004-546-4	006-546-2	006-546-3	006-546-4
9/16	9/16	1-1/4	3-1/2	004-562-2	004-562-3	004-562-4	006-562-2	006-562-3	006-562-4
37/64	5/8	1-1/4	3-1/2	004-578-2	004-578-3	004-578-4	006-578-2	006-578-3	006-578-4
19/32	5/8	1-1/4	3-1/2	004-593-2	004-593-3	004-593-4	006-593-2	006-593-3	006-593-4
39/64	5/8	1-1/4	3-1/2	004-609-2	004-609-3	004-609-4	006-609-2	006-609-3	006-609-4
5/8	5/8	1-1/4	3-1/2	004-625-2	004-625-3	004-625-4	006-625-2	006-625-3	006-625-4
41/64	3/4	1-1/2	4	004-640-2	004-640-3	004-640-4	006-640-2	006-640-3	006-640-4
21/32	3/4	1-1/2	4	004-656-2	004-656-3	004-656-4	006-656-2	006-656-3	006-656-4
43/64	3/4	1-1/2	4	004-671-2	004-671-3	004-671-4	006-671-2	006-671-3	006-671-4
11/16	3/4	1-1/2	4	004-687-2	004-687-3	004-687-4	006-687-2	006-687-3	006-687-4
45/64	3/4	1-1/2	4	004-703-2	004-703-3	004-703-4	006-703-2	006-703-3	006-703-4
23/32	3/4	1-1/2	4	004-718-2	004-718-3	004-718-4	006-718-2	006-718-3	006-718-4
47/64	3/4	1-1/2	4	004-734-2	004-734-3	004-734-4	006-734-2	006-734-3	006-734-4
3/4	3/4	1-1/2	4	004-750-2	004-750-3	004-750-4	006-750-2	006-750-3	006-750-4
49/64	7/8	1-1/2	4	004-765-2	004-765-3	004-765-4	006-765-2	006-765-3	006-765-4
25/32	7/8	1-1/2	4	004-781-2	004-781-3	004-781-4	006-781-2	006-781-3	006-781-4
51/64	7/8	1-1/2	4	004-796-2	004-796-3	004-796-4	006-796-2	006-796-3	006-796-4
13/16	7/8	1-1/2	4	004-812-2	004-812-3	004-812-4	006-812-2	006-812-3	006-812-4
53/64	7/8	1-1/2	4	004-828-2	004-828-3	004-828-4	006-828-2	006-828-3	006-828-4
27/32	7/8	1-1/2	4	004-843-2	004-843-3	004-843-4	006-843-2	006-843-3	006-843-4
55/64	7/8	1-1/2	4	004-859-2	004-859-3	004-859-4	006-859-2	006-859-3	006-859-4
7/8	7/8	1-1/2	4	004-875-2	004-875-3	004-875-4	006-875-2	006-875-3	006-875-4
57/64	1	1-1/2	4	004-890-2	004-890-3	004-890-4	006-890-2	006-890-3	006-890-4
29/32	1	1-1/2	4	004-906-2	004-906-3	004-906-4	006-906-2	006-906-3	006-906-4
59/64	1	1-1/2	4	004-921-2	004-921-3	004-921-4	006-921-2	006-921-3	006-921-4
15/16	1	1-1/2	4	004-937-2	004-937-3	004-937-4	006-937-2	006-937-3	006-937-4
61/64	1	1-1/2	4	004-953-2	004-953-3	004-953-4	006-953-2	006-953-3	006-953-4
31/32	1	1-1/2	4	004-968-2	004-968-3	004-968-4	006-968-2	006-968-3	006-968-4
63/64	1	1-1/2	4	004-984-2	004-984-3	004-984-4	006-984-2	006-984-3	006-984-4
1	1	1-1/2	4	004-100-2	004-100-3	004-100-4	006-100-2	006-100-3	006-100-4

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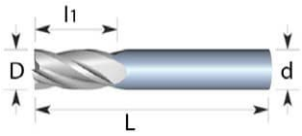
GENERAL PURPOSE

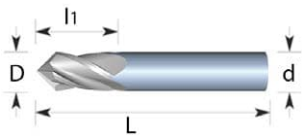


Square End, Standard Carbide, Long Length, Single End

Cutter Diam. D	Shank Diam. d	Length Of Cut l_1	O.A.L. L	Uncoated 2 Flute Part#	Uncoated 3 Flute Part#	Uncoated 4 Flute Part#	TiALN Coated 2 Flute Part#	TiALN Coated 3 Flute Part#	TiALN Coated 4 Flute Part#
1/8	1/8	3/4	2-1/2	007-125-2	--	007-125-4	009-125-2	--	009-125-4
3/16	3/16	3/4	2-1/2	007-187-2	--	007-187-4	009-187-2	--	009-187-4
1/4	1/4	1-1/8	3	007-250-2	--	007-250-4	009-250-2	--	009-250-4
5/16	5/16	1-1/8	3	007-312-2	--	007-312-4	009-312-2	--	009-312-4
3/8	3/8	1-1/8	3	007-375-2	--	007-375-4	009-375-2	--	009-375-4
7/16	7/16	2	4	007-437-2	--	007-437-4	009-437-2	--	009-437-4
1/2	1/2	2	4	007-500-2	--	007-500-4	009-500-2	--	009-500-4
5/8	5/8	2-1/4	5	007-625-2	--	007-625-4	009-625-2	--	009-625-4
3/4	3/4	2-1/4	5	007-750-2	--	007-750-4	009-750-2	--	009-750-4
1	1	2-1/4	5	007-100-2	--	007-100-4	009-100-2	--	009-100-4

Square End, Standard Carbide, Extra Long Length, Single End

Cutter Diam. D	Shank Diam. d	Length Of Cut l_1	O.A.L. L	Uncoated 2 Flute Part#	Uncoated 3 Flute Part#	Uncoated 4 Flute Part#	TiALN Coated 2 Flute Part#	TiALN Coated 3 Flute Part#	TiALN Coated 4 Flute Part#
1/8	1/8	1	3	010-125-2	--	010-125-4	012-125-2	--	012-125-4
3/16	3/16	1-1/8	3	010-187-2	--	010-187-4	012-187-2	--	012-187-4
1/4	1/4	1-1/2	4	010-250-2	--	010-250-4	012-250-2	--	012-250-4
5/16	5/16	1-5/8	4	010-312-2	--	010-312-4	012-312-2	--	012-312-4
3/8	3/8	1-3/4	4	010-375-2	--	010-375-4	012-375-2	--	012-375-4
1/2	1/2	3	6	010-500-2	--	010-500-4	012-500-2	--	012-500-4
5/8	5/8	3	6	010-625-2	--	010-625-4	012-625-2	--	012-625-4
3/4	3/4	3	6	010-750-2	--	010-750-4	012-750-2	--	012-750-4
1	1	3	6	010-100-2	--	010-100-4	012-100-2	--	012-100-4



Drill/Mill 90 Degree, Standard Carbide, Regular Length

Cutter Diam. D	Shank Diam. d	Length Of Cut l_1	O.A.L. L	Uncoated 2 Flute Part#	Uncoated 3 Flute Part#	Uncoated 4 Flute Part#	TiALN Coated 2 Flute Part#	TiALN Coated 3 Flute Part#	TiALN Coated 4 Flute Part#
1/8	1/8	1/2	1-1/2	104-125-2	--	104-125-4	106-125-2	--	106-125-4
3/16	3/16	5/8	2	104-187-2	--	104-187-4	106-187-2	--	106-187-4
1/4	1/4	3/4	2-1/2	104-250-2	--	104-250-4	106-250-2	--	106-250-4
5/16	5/16	7/8	2-1/2	104-312-2	--	104-312-4	106-312-2	--	106-312-4
3/8	3/8	1	2-1/2	104-375-2	--	104-375-4	106-375-2	--	106-375-4
7/16	7/16	1	2-3/4	104-437-2	--	104-437-4	106-437-2	--	106-437-4
1/2	1/2	1	3	104-500-2	--	104-500-4	106-500-2	--	106-500-4
5/8	5/8	1-1/4	3-1/2	104-625-2	--	104-625-4	106-625-2	--	106-625-4
3/4	3/4	1-1/2	4	104-750-2	--	104-750-4	106-750-2	--	106-750-4

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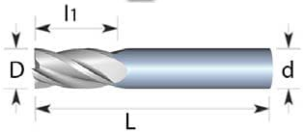

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- 30 deg Helix Carbide with honed edges
- 10% Micrograin Carbide
- Diameter (D) Tolerance: +0.0000"/-0.0020"
- Shank (d) Tolerance: +0.0000"/-0.0004"

METRIC - Square End, Standard Carbide, Regular Length, Single End

Cutter Diam. D	Shank Diam. d	Length Of Cut l_1	O.A.L. L	Uncoated 2 Flute Part#	Uncoated 3 Flute Part#	Uncoated 4 Flute Part#	TiALN Coated 2 Flute Part#	TiALN Coated 3 Flute Part#	TiALN Coated 4 Flute Part#
1	1	3	38	041-010-2	041-010-3	041-010-4	042-010-2	042-010-3	042-010-4
1.5	2	5	38	041-015-2	041-015-3	041-015-4	042-015-2	042-015-3	042-015-4
2	2	6	38	041-020-2	041-020-3	041-020-4	042-020-2	042-020-3	042-020-4
3	3	12	38	041-030-2	041-030-3	041-030-4	042-030-2	042-030-3	042-030-4
3.5	4	12	50	041-035-2	041-035-3	041-035-4	042-035-2	042-035-3	042-035-4
4	4	14	50	041-040-2	041-040-3	041-040-4	042-040-2	042-040-3	042-040-4
4.5	5	14	50	041-045-2	041-045-3	041-045-4	042-045-2	042-045-3	042-045-4
5	5	16	50	041-050-2	041-050-3	041-050-4	042-050-2	042-050-3	042-050-4
6	6	19	63	041-060-2	041-060-3	041-060-4	042-060-2	042-060-3	042-060-4
7	8	19	63	041-070-2	041-070-3	041-070-4	042-070-2	042-070-3	042-070-4
8	8	19	63	041-080-2	041-080-3	041-080-4	042-080-2	042-080-3	042-080-4
9	10	22	70	041-090-2	041-090-3	041-090-4	042-090-2	042-090-3	042-090-4
10	10	22	70	041-100-2	041-100-3	041-100-4	042-100-2	042-100-3	042-100-4
11	12	25	70	041-110-2	041-110-3	041-110-4	042-110-2	042-110-3	042-110-4
12	12	25	75	041-120-2	041-120-3	041-120-4	042-120-2	042-120-3	042-120-4
14	14	30	88	041-140-2	041-140-3	041-140-4	042-140-2	042-140-3	042-140-4
16	16	32	88	041-160-2	041-160-3	041-160-4	042-160-2	042-160-3	042-160-4
18	18	36	100	041-180-2	041-180-3	041-180-4	042-180-2	042-180-3	042-180-4
20	20	38	100	041-200-2	041-200-3	041-200-4	042-200-2	042-200-3	042-200-4
22	25	38	100	041-220-2	041-220-3	041-220-4	042-220-2	042-220-3	042-220-4
25	25	38	100	041-250-2	041-250-3	041-250-4	042-250-2	042-250-3	042-250-4

METRIC

METRIC - Square End, Standard Carbide, Long Length, Single End

Cutter Diam. D	Shank Diam. d	Length Of Cut l_1	O.A.L. L	Uncoated 2 Flute Part#	Uncoated 3 Flute Part#	Uncoated 4 Flute Part#	TiALN Coated 2 Flute Part#	TiALN Coated 3 Flute Part#	TiALN Coated 4 Flute Part#
3	3	25	75	045-030-2	--	045-030-4	046-030-2	--	046-030-4
4	4	25	75	045-040-2	--	045-040-4	046-040-2	--	046-040-4
5	5	25	75	045-050-2	--	045-050-4	046-050-2	--	046-050-4
6	6	25	75	045-060-2	--	045-060-4	046-060-2	--	046-060-4
8	8	30	100	045-080-2	--	045-080-4	046-080-2	--	046-080-4
10	10	38	100	045-100-2	--	045-100-4	046-100-2	--	046-100-4
12	12	50	100	045-120-2	--	045-120-4	046-120-2	--	046-120-4
14	14	50	125	045-140-2	--	045-140-4	046-140-2	--	046-140-4
16	16	75	150	045-160-2	--	045-160-4	046-160-2	--	046-160-4
18	18	75	150	045-180-2	--	045-180-4	046-180-2	--	046-180-4
20	20	75	150	045-200-2	--	045-200-4	046-200-2	--	046-200-4
25	25	75	150	045-250-2	--	045-250-4	046-250-2	--	046-250-4

METRIC

METRIC - Square End, Standard Carbide, Extra-Long Length, Single End

Cutter Diam. D	Shank Diam. d	Length Of Cut l_1	O.A.L. L	Uncoated 2 Flute Part#	Uncoated 3 Flute Part#	Uncoated 4 Flute Part#	TiALN Coated 2 Flute Part#	TiALN Coated 3 Flute Part#	TiALN Coated 4 Flute Part#
3	3	25	100	047-030-2	--	047-030-4	048-030-2	--	048-030-4
4	4	50	100	047-040-2	--	047-040-4	048-040-2	--	048-040-4
5	5	30	100	047-050-2	--	047-050-4	048-050-2	--	048-050-4
6	6	50	100	047-060-2	--	047-060-4	048-060-2	--	048-060-4
8	8	50	150	047-080-2	--	047-080-4	048-080-2	--	048-080-4
10	10	75	150	047-100-2	--	047-100-4	048-100-2	--	048-100-4
12	12	75	150	047-120-2	--	047-120-4	048-120-2	--	048-120-4
14	14	75	150	047-140-2	--	047-140-4	048-140-2	--	048-140-4

METRIC