

SOLID CARBIDE STRAIGHT FLUTE THREAD MILLS

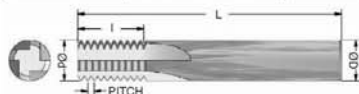


Unified (UN) Threads

UNIFIED (UN) THREADS

Dimensions in Inches (mm)

Minimum Size	Tool Number	Pitch	Cutter Diameter (d)	Length of Cut (l)	Number of Flutes	Length (L)	Shank Diameter (D)	Coatings Available		
								Uncoated	Z TiAlN	V Hardmill
#4-40	0440316-1CS	40	0.080	0.100	4	2.5	0.188	O	X	O
#6-32	0632316-1CS	32	0.100	0.200	4	2.5	0.188	O	X	O
#8-32	0832316-1CS	32	0.120	0.200	4	2.5	0.188	O	X	O
#10-24	1024316-1CS	24	0.140	0.250	4	2.5	0.188	O	X	O
#10-32	1032316-1CS	32	0.140	0.250	4	2.5	0.188	O	X	O
#12-24	1224316-1CS	24	0.160	0.350	4	2.5	0.188	O	X	O
#12-28	1228316-1CS	28	0.160	0.350	4	2.5	0.188	O	X	O
1/4"-20	142014-1CS	20	0.190	0.400	4	3.0	0.250	O	X	O
1/4"-24	142414-1CS	24	0.190	0.400	4	3.0	0.250	O	O	O
1/4"-27	142714-1CS	27	0.190	0.400	4	3.0	0.250	O	O	O
1/4"-28	142814-1CS	28	0.190	0.400	4	3.0	0.250	O	X	O
1/4"-32	143214-1CS	32	0.190	0.400	4	3.0	0.250	O	X	O
1/4"-36	143614-1CS	36	0.190	0.400	4	3.0	0.250	O	O	O
1/4"-40	144014-1CS	40	0.190	0.400	4	3.0	0.250	O	O	O
1/4"-48	144814-1CS*	48	0.190	0.400	4	3.0	0.250	O	O	O
1/4"-56	145614-1CS*	56	0.190	0.400	4	3.0	0.250	O	O	O
5/16"-16	5161614-1CS	16	0.245	0.625	4	3.0	0.250	O	O	O
5/16"-18	5161814-1CS	18	0.245	0.625	4	3.0	0.250	O	X	O
5/16"-20	5162014-1CS	20	0.245	0.625	4	3.0	0.250	O	O	O
5/16"-24	5162414-1CS	24	0.245	0.625	4	3.0	0.250	O	X	O
5/16"-27	5162714-1CS	27	0.245	0.625	4	3.0	0.250	O	O	O
5/16"-28	5162814-1CS	28	0.245	0.625	4	3.0	0.250	O	O	O
5/16"-32	5163214-1CS	32	0.245	0.625	4	3.0	0.250	O	X	O
5/16"-36	5163614-1CS	36	0.245	0.625	4	3.0	0.250	O	O	O
5/16"-40	5164014-1CS	40	0.245	0.625	4	3.0	0.250	O	O	O
5/16"-48	5164814-1CS*	48	0.245	0.625	4	3.0	0.250	O	O	O
3/8"-16	3816516-1CS	16	0.300	0.750	4	3.0	0.312	O	X	O
3/8"-18	3818516-1CS	18	0.300	0.750	4	3.0	0.312	O	O	O
3/8"-20	3820516-1CS	20	0.300	0.750	4	3.0	0.312	O	O	O
3/8"-24	3824516-1CS	24	0.300	0.750	4	3.0	0.312	O	X	O
3/8"-27	3827516-1CS	27	0.300	0.750	4	3.0	0.312	O	O	O
3/8"-28	3828516-1CS	28	0.300	0.750	4	3.0	0.312	O	O	O
3/8"-32	3832516-1CS	32	0.300	0.750	4	3.0	0.312	O	X	O
3/8"-36	3836516-1CS	36	0.300	0.750	4	3.0	0.312	O	O	O
3/8"-40	3840516-1CS	40	0.300	0.750	4	3.0	0.312	O	O	O
7/16"-14	7161438-1CS	14	0.350	0.750	4	3.0	0.375	O	X	O
7/16"-16	7161638-1CS	16	0.350	0.750	4	3.0	0.375	O	O	O
7/16"-18	7161838-1CS	18	0.350	0.750	4	3.0	0.375	O	O	O
7/16"-20	7162038-1CS	20	0.350	0.750	4	3.0	0.375	O	X	O
7/16"-24	7162438-1CS	24	0.350	0.750	4	3.0	0.375	O	O	O
7/16"-27	7162738-1CS	27	0.350	0.750	4	3.0	0.375	O	O	O
7/16"-28	7162838-1CS	28	0.350	0.750	4	3.0	0.375	O	X	O
7/16"-32	7163238-1CS	32	0.350	0.750	4	3.0	0.375	O	O	O
1/2"-12	121238-1CS	12	0.370	0.750	4	3.0	0.375	O	O	O
1/2"-13	121338-1CS	13	0.370	0.750	4	3.0	0.375	O	X	O
1/2"-14	121438-1CS	14	0.370	0.750	4	3.0	0.375	O	O	O
1/2"-16	121638-1CS	16	0.370	0.750	4	3.0	0.375	O	O	O
1/2"-18	121838-1CS	18	0.370	0.750	4	3.0	0.375	O	O	O



X = In Stock ; O = Special Order ; Other Coatings Available ; Call for Delivery
Other Sizes Available Upon Request - Tools will cut internal & external thread
*Designates Staggered Thread

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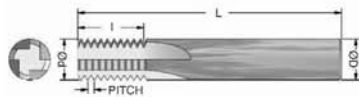


Unified (UN) Threads

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Dimensions in Inches (mm)

Minimum Size	Tool Number	Pitch	Cutter Diameter (d)	Length of Cut (l)	Number of Flutes	Length (L)	Shank Diameter (D)	Coatings Available		
								Uncoated	Z TiAlN	V Hardmill
1/2"-20	122038-1CS	20	0.370	0.750	4	3.0	0.375	O	X	O
1/2"-24	122438-1CS	24	0.370	0.750	4	3.0	0.375	O	O	O
1/2"-27	122738-1CS	27	0.370	0.750	4	3.0	0.375	O	O	O
1/2"-28	122838-1CS	28	0.370	0.750	4	3.0	0.375	O	X	O
1/2"-32	123238-1CS	32	0.370	0.750	4	3.0	0.375	O	O	O
9/16"-12	9161212-1CS	12	0.430	0.750	4	4.0	0.500	O	X	O
9/16"-14	9161412-1CS	14	0.450	0.750	4	4.0	0.500	O	O	O
9/16"-16	9161612-1CS	16	0.450	0.750	4	4.0	0.500	O	O	O
9/16"-18	9161812-1CS	18	0.450	0.750	4	4.0	0.500	O	X	O
9/16"-20	9162012-1CS	20	0.450	0.750	4	4.0	0.500	O	O	O
9/16"-24	9162412-1CS	24	0.450	0.750	4	4.0	0.500	O	X	O
9/16"-27	9162712-1CS	27	0.450	0.750	4	4.0	0.500	O	O	O
9/16"-28	9162812-1CS	28	0.450	0.750	4	4.0	0.500	O	O	O
9/16"-32	9163212-1CS	32	0.450	0.750	4	4.0	0.500	O	O	O
5/8"-11	581112-1CS	11	0.430	1.000	4	4.0	0.500	O	X	O
5/8"-11	581112-1CSF6	11	0.430	1.000	6	4.0	0.500	O	O	O
5/8"-12	581212-1CS	12	0.430	1.000	4	4.0	0.500	O	O	O
5/8"-12	581212-1CSF6	12	0.430	1.000	6	4.0	0.500	O	O	O
5/8"-14	581412-1CS	14	0.495	1.000	4	4.0	0.500	O	O	O
5/8"-14	581412-1CSF6	14	0.495	1.000	6	4.0	0.500	O	O	O
5/8"-16	581612-1CS	16	0.495	1.000	4	4.0	0.500	O	X	O
5/8"-16	581612-1CSF6	16	0.495	1.000	6	4.0	0.500	O	O	O
5/8"-18	581812-1CS	18	0.495	1.000	4	4.0	0.500	O	X	O
5/8"-18	581812-1CSF6	18	0.495	1.000	6	4.0	0.500	O	O	O
5/8"-20	582012-1CS	20	0.495	1.000	4	4.0	0.500	O	O	O
5/8"-20	582012-1CSF6	20	0.495	1.000	6	4.0	0.500	O	O	O
5/8"-24	582412-1CS	24	0.495	1.000	4	4.0	0.500	O	X	O
5/8"-24	582412-1CSF6	24	0.495	1.000	6	4.0	0.500	O	O	O
5/8"-27	582712-1CS	27	0.495	1.000	4	4.0	0.500	O	O	O
5/8"-27	582712-1CSF6	27	0.495	1.000	6	4.0	0.500	O	O	O
5/8"-28	582812-1CS	28	0.495	1.000	4	4.0	0.500	O	O	O
5/8"-28	582812-1CSF6	28	0.495	1.000	6	4.0	0.500	O	O	O
5/8"-32	583212-1CS	32	0.495	1.000	4	4.0	0.500	O	O	O
5/8"-32	583212-1CSF6	32	0.495	1.000	6	4.0	0.500	O	O	O
3/4"-10	341058-1CS	10	0.620	1.000	4	4.0	0.625	O	X	O
3/4"-10	341058-1CSF6	10	0.620	1.000	6	4.0	0.625	O	O	O
3/4"-12	341258-1CS	12	0.620	1.000	4	4.0	0.625	O	O	O
3/4"-12	341258-1CSF6	12	0.620	1.000	6	4.0	0.625	O	O	O
3/4"-14	341458-1CS	14	0.620	1.000	4	4.0	0.625	O	O	O
3/4"-14	341458-1CSF6	14	0.620	1.000	6	4.0	0.625	O	O	O
3/4"-16	341658-1CS	16	0.620	1.000	4	4.0	0.625	O	X	O
3/4"-16	341658-1CSF6	16	0.620	1.000	6	4.0	0.625	O	O	O
3/4"-18	341858-1CS	18	0.620	1.000	4	4.0	0.625	O	O	O
3/4"-18	341858-1CSF6	18	0.620	1.000	6	4.0	0.625	O	O	O
3/4"-20	342058-1CS	20	0.620	1.000	4	4.0	0.625	O	X	O
3/4"-20	342058-1CSF6	20	0.620	1.000	6	4.0	0.625	O	O	O



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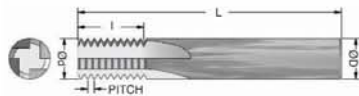


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Dimensions in Inches (mm)

Minimum Size	Tool Number	Pitch	Cutter Diameter (d)	Length of Cut (l)	Number of Flutes	Length (L)	Shank Diameter (D)	Coatings Available		
								Uncoated	Z TiAlN	V Hardmill
3/4"-24	342458-1CS	24	0.620	1.000	4	4.0	0.625	O	O	O
3/4"-24	342458-1CSF6	24	0.620	1.000	6	4.0	0.625	O	O	O
3/4"-27	342758-1CS	27	0.620	1.000	4	4.0	0.625	O	O	O
3/4"-27	342758-1CSF6	27	0.620	1.000	6	4.0	0.625	O	O	O
3/4"-28	342858-1CS	28	0.620	1.000	4	4.0	0.625	O	O	O
3/4"-28	342858-1CSF6	28	0.620	1.000	6	4.0	0.625	O	O	O
3/4"-32	343258-1CS	32	0.620	1.000	4	4.0	0.625	O	O	O
3/4"-32	343258-1CSF6	32	0.620	1.000	6	4.0	0.625	O	O	O
7/8"-9	780934-1CS	9	0.745	1.250	4	4.0	0.750	O	X	O
7/8"-9	780934-1CSF6	9	0.745	1.250	6	4.0	0.750	O	O	O
7/8"-10	781034-1CS	10	0.745	1.250	4	4.0	0.750	O	O	O
7/8"-10	781034-1CSF6	10	0.745	1.250	6	4.0	0.750	O	O	O
7/8"-12	781234-1CS	12	0.745	1.250	4	4.0	0.750	O	O	O
7/8"-12	781234-1CSF6	12	0.745	1.250	6	4.0	0.750	O	O	O
7/8"-14	781434-1CS	14	0.745	1.250	4	4.0	0.750	O	X	O
7/8"-14	781434-1CSF6	14	0.745	1.250	6	4.0	0.750	O	O	O
7/8"-16	781634-1CS	16	0.745	1.250	4	4.0	0.750	O	O	O
7/8"-16	781634-1CSF6	16	0.745	1.250	6	4.0	0.750	O	O	O
7/8"-18	781834-1CS	18	0.745	1.250	4	4.0	0.750	O	O	O
7/8"-18	781834-1CSF6	18	0.745	1.250	6	4.0	0.750	O	O	O
7/8"-20	782034-1CS	20	0.745	1.250	4	4.0	0.750	O	X	O
7/8"-20	782034-1CSF6	20	0.745	1.250	6	4.0	0.750	O	O	O
7/8"-24	782434-1CS	24	0.745	1.250	4	4.0	0.750	O	O	O
7/8"-24	782434-1CSF6	24	0.745	1.250	6	4.0	0.750	O	O	O
7/8"-27	782734-1CS	27	0.745	1.250	4	4.0	0.750	O	O	O
7/8"-27	782734-1CSF6	27	0.745	1.250	6	4.0	0.750	O	O	O
7/8"-28	782834-1CS	28	0.745	1.250	4	4.0	0.750	O	O	O
7/8"-28	782834-1CSF6	28	0.745	1.250	6	4.0	0.750	O	O	O
7/8"-32	783234-1CS	32	0.745	1.250	4	4.0	0.750	O	O	O
7/8"-32	783234-1CSF6	32	0.745	1.250	6	4.0	0.750	O	O	O
1"-8	010834-1CS	8	0.745	1.250	4	4.0	0.750	O	X	O
1"-8	010834-1CSF6	8	0.745	1.250	6	4.0	0.750	O	O	O
1-1/8"-7	010734-1CS	7	0.745	1.250	4	4.0	0.750	O	X	O
1-1/8"-7	010734-1CSF6	7	0.745	1.250	6	4.0	0.750	O	O	O



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