

SOLID CARBIDE HELICAL THREAD MILLS



National Taper Pipe (NPT) Threads

NATIONAL TAPER PIPE (NPT) THREADS

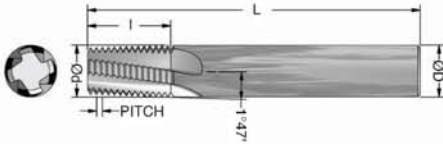
Dimensions in Inches (mm)

Minimum Size	Tool Number	Pitch	Cutter Diameter (d)	Length of Cut (l)	Number of Flutes	Length (L)	Shank Diameter (D)	Coatings Available		
								Un-Coated	Z TiAIN	V Hardmill
1/8"-27	51627516-1CSNPTF3H	27	0.308	0.741	3	3.0	0.312	○	X	○
1/4"-18	381838-1CSNPTF3H	18	0.370	0.778	3	3.0	0.375	○	X	○
1/4"-18	7161812-1CSNPTH	18	0.432	0.778	4	4.0	0.500	○	X	○
1/2"-14	121412-1CSNPTH	14	0.495	1.000	4	4.0	0.500	○	X	○
1/2"-14	581458-1CSNPTH	14	0.620	1.000	4	4.0	0.625	○	X	○
1"-11.5	3411534-1CSNPTF5H	11.5	0.745	1.044	5	4.0	0.750	○	X	○
1"-11.5	0111501-1CSNPTF6H	11.5	0.995	1.391	6	5.0	1.000	○	X	○
2-1/2"-8	340834-1CSNPTH	8	0.745	1.125	4	4.0	0.750	○	X	○
2-1/2"-8	010801-1CSNPTF5H	8	0.995	1.500	5	5.0	1.000	○	X	○

NATIONAL TAPER PIPE (NPT) THREADS, METRIC SHANK

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		
								Un-Coated	Z TiAIN	V Hardmill
1/8"-27	E082708-1CSNPTF3H	27	0.311 (7.90)	0.741 (18.82)	3	3.0 (76)	(8)	○	○	○
1/4"-18	E101810-1CSNPTF3H	18	0.390 (9.90)	0.778 (19.76)	3	3.0 (76)	(10)	○	○	○
1/4"-18	E111812-1CSNPTH	18	0.429 (10.90)	0.778 (19.76)	4	3.5 (90)	(12)	○	○	○
1/2"-14	E121412-1CSNPTH	14	0.469 (11.90)	1.000 (25.40)	4	3.5 (90)	(12)	○	○	○
1/2"-14	E161416-1CSNPTH	14	0.626 (15.90)	1.000 (25.40)	4	3.98 (101)	(16)	○	○	○
1"-11.5	E2011520-1CSNPTF5H	11.5	0.783 (19.90)	1.044 (26.52)	5	4.0 (102)	(20)	○	○	○
1"-11.5	E2511525-1CSNPTF6H	11.5	0.980 (24.90)	1.391 (35.33)	6	5.0 (127)	(25)	○	○	○
2-1/2"-8	E200820-1CSNPTH	8	0.783 (19.90)	1.125 (28.58)	4	4.0 (102)	(20)	○	○	○
2-1/2"-8	E250825-1CSNPTF5H	8	0.980 (24.90)	1.500 (38.10)	5	5.0 (127)	(25)	○	○	○



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