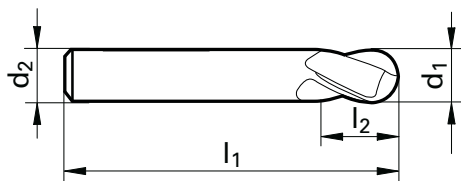


FRACTIONAL

Uni-Pro 2-flute

Ball nose

TYPE	N
HELIX ANGLE	30°
NUMBER of TEETH	2



Includes Series
INCH
3157
3158
3159
3160
3857
3858

d₁ tolerance h10
d₂ tolerance h6
See table on page 150

Diameter	Shank Diameter	OAL	LOC	HA		HA		HA	
				EDP No. Bright Finish	Series Number	EDP No. FIREX® Coated	Series Number	EDP No. Super-A Coated	Series Number
1/16	1/8	1 1/2	3/16	9031570015900	3157	9031590015900	3159	9038570015900	3857
5/64	1/8	1 1/2	1/4	9031570019800	3157	9031590019800	3159		
3/32	1/8	1 1/2	1/4	9031570023800	3157	9031590023800	3159		
7/64	1/8	1 1/2	3/8	9031570027800	3157	9031590027800	3159		
1/8	1/8	1 1/2	3/8	9031570031700	3157	9031590031700	3159	9038570031700	3857
1/8	1/8	2	1/2	9031580031700	3158	9031600031700	3160	9038580031700	3858
9/64	3/16	2	1/2	9031570035700	3157	9031590035700	3159		
5/32	3/16	2	1/2	9031570039700	3157	9031590039700	3159		
11/64	3/16	2	5/8	9031570043700	3157	9031590043700	3159		
3/16	3/16	2	5/8	9031570047600	3157	9031590047600	3159	9038570047600	3857
3/16	3/16	2 1/2	3/4	9031580047600	3158	9031600047600	3160	9038580047600	3858
13/64	1/4	2 1/2	5/8	9031570051600	3157	9031590051600	3159		
7/32	1/4	2 1/2	5/8	9031570055600	3157	9031590055600	3159		
15/64	1/4	2 1/2	3/4	9031570059500	3157	9031590059500	3159		
1/4	1/4	2 1/2	3/4	9031570063500	3157	9031590063500	3159	9038570063500	3857
1/4	1/4	3	1 1/8	9031580063500	3158	9031600063500	3160	9038580063500	3858
17/64	5/16	2 1/2	3/4	9031570067500	3157	9031590067500	3159		
9/32	5/16	2 1/2	3/4	9031570071400	3157	9031590071400	3159		
19/64	5/16	2 1/2	13/16	9031570075400	3157	9031590075400	3159		
5/16	5/16	2 1/2	13/16	9031570079400	3157	9031590079400	3159	9038570079400	3857
5/16	5/16	3	1 1/8	9031580079400	3158	9031600079400	3160	9038580079400	3858
21/64	3/8	2 1/2	13/16	9031570083300	3157	9031590083300	3159		
11/32	3/8	2 1/2	1	9031570087300	3157	9031590087300	3159		
23/64	3/8	2 1/2	1	9031570091300	3157	9031590091300	3159		
3/8	3/8	2 1/2	1	9031570095200	3157	9031590095200	3159	9038570095200	3857
3/8	3/8	3	1 1/8	9031580095200	3158	9031600095200	3160	9038580095200	3858
25/64	7/16	2 3/4	1	9031570099200	3157	9031590099200	3159		
13/32	7/16	2 3/4	1	9031570103200	3157	9031590103200	3159		
27/64	7/16	2 3/4	1	9031570107200	3157	9031590107200	3159		
7/16	7/16	2 3/4	1	9031570111100	3157	9031590111100	3159	9038570111100	3857
7/16	7/16	4 1/2	2	9031580111100	3158	9031600111100	3160	9038580111100	3858
29/64	1/2	3	1	9031570115100	3157	9031590115100	3159		
15/32	1/2	3	1	9031570119100	3157	9031590119100	3159		
31/64	1/2	3	1	9031570123000	3157	9031590123000	3159		
1/2	1/2	3	1	9031570127000	3157	9031590127000	3159	9038570127000	3857
1/2	1/2	4 1/2	2	9031580127000	3158	9031600127000	3160	9038580127000	3858
9/16	9/16	3 1/2	1 1/8	9031570142900	3157	9031590142900	3159	9038570142900	3857
5/8	5/8	3 1/2	1 1/4	9031570158700	3157	9031590158700	3159	9038570158700	3857
5/8	5/8	5	2 1/4	9031580158700	3158	9031600158700	3160	9038580158700	3858
3/4	3/4	4	1 1/2	9031570190500	3157	9031590190500	3159	9038570190500	3857
3/4	3/4	5	2 1/4	9031580190500	3158	9031600190500	3160	9038580190500	3858
1	1	4	1 1/2	9031570254000	3157	9031590254000	3159		