

Mod DBL Helical Shaper Cutters

<u>14 1/2NPA</u>	Helix angle	<u>17 1/2 NPA</u>	Helix angle	<u>20 NPA</u>	Helix angle
4.5 modapp	19°33'	6.5cmod	30°35'	.75 nmod	19°31'
		6.5 cmod	30°34'57"	2 nmod	14°28'6"
<u>17 1/2 NPA</u>		6.5 modapp	30°34'37"	2 cmod	29°36'28"
		7 mod	32°28'	4 modcirc	30°34'57"
2 mod	29°36'	7 cmod	32°28'	5 nmod	10°25'55"
2 cmod	45°	7 modapp	32°28'28"	5 nmod	12°47'7"
2.5 mod	29°36'	7.5 cmod	30°49'	5 nmod	20°21'51"
2.5cmod	29°36'	7.5 cmod	30°49'24"	5 nmod	30°33'49"
3 mod	30°	8 mod	22°28'28"	8 nmod	25°
3 cmod	30°0'6"	8 mod	32°28'	8 cmod	32°28'
3.25 cmod	30°34'57"	8 cmod +#	32°28'	9 cmod	31°32'17"
3.5cmod	30°49'	8.5 cmod +#	30°6'	10 modcp	24°17'25"
4 mod	30°35'	8.5 modapp	30°5'50"	10 cmod	34°18'
4 cmod	30°35'	9 mod(t)	31°32'17"	10 modapp	34°37'43"
4 modapp	30°35'	9.5 mod(t)	32°56'	10 modapp	34°17'25"
4.5 mod	31°32'17"	10 cmod	34°17'	11 mod	11°13'57"
4.5 cmod	31°32'	11 mod	32°0'31"	12 cmod	34°17'
4.5 modapp	31°32'17"	11 cmod	32°50'8"	13 modapp	34°35'
5 mod	32°1'	11 cmod +#	32°1'	17 mod	35°18'53"
5 cmod	32°1'	12 mod	34°17'		
5 modapp	32°0'31"	12 cmod +#	34°17'	<u>25 NPA</u>	
5 cmod	45	12 modapp	34°17'		
5.5 mod	29°22'	13.361 modap	35°19.21"	9 modapp	34°17'26"
5.5 cmod	29°22'5"	14 cmod +#	32°28'28"	10.16 modapp	30°
5.5 modapp	29°21'39"	16 transmod	33.6934°		
6 mod	28°37'				
6 mod	31°32'				
6 mod	31°32'17"				
6 cmod°	31°32'				