

DP DBL Helical Shaper Cutters

<u>14 1/2NPA</u>	Helix angle	<u>20 NPA</u>	Helix angle	<u>20 CPA</u>	Helix angle
12 ndp	23°33'	1.5 cdp	30°	2 cdp	30°
20.24496ndp	29°	1.7 cdp	35°18'53"	2.5 cdp	17 1/2°
22 ndp	20°	2 cdp	30°	2.5 cdp	20°
		2.8868 ndp	30°	2.5 cdp	22°30'
<u>17 1/2 NPA</u>		3 dp	30°	2.5 cdp	22 1/2°
		3.5 ndp	30°	2.5 cdp	30°
1.5 cdp	29°36'	4 dp	30°	3 cdp	22 1/2°
2.75 cdp	45°	4 cdp	30°	3 cdp	30°
		5 ndp	30°	4 cdp	30°
<u>18°42'NPA</u>		5.626 np	29°59'	4 dp	30°
		6 ndp	12°	5 cdp	30°
11 ndp	33°16'	7 dpnp	20°		
		8 cdp	25°29'	<u>24°16'34" NPA</u>	
		10 ndp	18°		
		10 cdp	20°	11.9339 ndp	14°42'50"
		10 ndp	25.5°		
		10 cdp	30°	<u>25 PA</u>	
		12 ndp	30°		
		13.0364 ndp	23°	2.5trdp trpa	30°
		14 ndp	26°7'	2.5 cdp npa	30°
		16.5 ndp	23°	2.5 cdo cpa	30°
		17 cdp	35°18'53"	3 cdp cpa	30°
		17.51 ndp	20.33°	11.9339 ndp cpa	14°42'50"
		19 cdp	13°	12.869 ndp cpa	14°17'6"
		20 ndp	16°12'30"	14 ndp npa	27°11'2.65"
		28 ndp	15°		
				<u>26 PA</u>	
				7.9592 cdp cpa	32°20'21"
				7.9592 tdp tpa	32°20'21"