

# Curved Blade Performance Data (Continued)



Ac	SIZE	.81				.87				1.02				1.10				1.25				1.53				1.70				1.81							
		16 x 8 24 x 6				12 x 12 14 x 10 18 x 8				16 x 10 20 x 8				14 x 12 18 x 10 30 x 6				14 x 14 24 x 8 16 x 12 35 x 6				24 x 10 30 x 8 20 x 12				16 x 16 18 x 14				18 x 16 24 x 12 20 x 14 36 x 8							
C.F.M.	DIRECTIONAL THROW	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
150	TOTAL PRESS. NECK VELOCITY THROW	.016 180 11 9 7 7																																			
175	TOTAL PRESS. NECK VELOCITY THROW	.020 220 13 11 9 9																																			
200	TOTAL PRESS. NECK VELOCITY THROW	.023 250 14 12 10 10				.021 225 14 12 10 10				.018 200 13 11 9 9																											
225	TOTAL PRESS. NECK VELOCITY THROW	.030 275 16 13 11 11				.025 260 15 13 11 11				.021 225 14 12 10 10																											
250	TOTAL PRESS. NECK VELOCITY THROW	.037 300 18 15 12 11				.033 300 17 14 12 11				.027 250 16 13 11 10				.022 180 15 13 10 10				.019 200 13 11 9 9																			
275	TOTAL PRESS. NECK VELOCITY THROW	.049 350 20 17 14 13				.041 325 19 16 13 12				.035 275 18 15 13 12				.025 200 17 14 11 11				.022 225 15 12 11 11																			
300	TOTAL PRESS. NECK VELOCITY THROW	.056 375 22 18 15 14				.048 350 20 17 15 14				.040 300 19 16 14 13				.031 260 18 15 13 13				.026 250 16 13 12 12				.018 200 14 12 11 11				.014 175 13 12 10 10											
325	TOTAL PRESS. NECK VELOCITY THROW	.066 300 23 19 17 16				.056 375 22 18 16 15				.051 325 21 17 15 14				.037 280 20 17 14 14				.030 260 18 15 13 13				.021 225 16 13 12 12				.016 190 15 12 11 11											
350	TOTAL PRESS. NECK VELOCITY THROW	.075 425 25 20 18 17				.065 400 24 19 17 16				.035 350 23 18 16 15				.042 300 21 18 15 14				.036 275 19 16 14 14				.023 250 17 14 13 13				.018 225 16 13 12 11				.015 200 15 12 11 11							
375	TOTAL PRESS. NECK VELOCITY THROW	.088 460 27 22 19 18				.075 440 26 21 18 17				.063 375 24 19 17 16				.048 325 23 19 16 15				.041 300 20 17 15 14				.027 260 18 15 14 14				.022 240 17 14 12 11				.017 210 15 13 11 11							
400	TOTAL PRESS. NECK VELOCITY THROW	.098 500 29 23 20 19				.085 475 28 22 20 19				.069 400 26 21 18 17				.055 350 24 20 17 16				.046 330 21 18 15 14				.031 275 20 16 14 14				.025 250 18 15 13 12				.020 225 16 14 12 11							
450	TOTAL PRESS. NECK VELOCITY THROW	.124 575 32 26 22 21				.106 525 31 26 22 21				.087 450 29 24 21 20				.068 400 27 23 18 17				.059 375 25 20 17 16				.040 300 21 18 16 15				.032 280 20 16 14 13				.025 260 18 16 13 12							
500	TOTAL PRESS. NECK VELOCITY THROW					.132 575 34 28 25 23				.108 500 31 26 23 21				.086 450 29 25 21 20				.072 400 27 22 19 18				.048 360 24 20 17 16				.040 325 22 18 16 15				.032 275 20 17 15 14							
550	TOTAL PRESS. NECK VELOCITY THROW									.136 550 34 28 25 23				.104 480 33 27 23 22				.087 460 29 25 21 20				.059 375 26 21 19 18				.048 340 24 20 17 16				.038 300 22 18 17 16							
600	TOTAL PRESS. NECK VELOCITY THROW									.151 600 37 32 28 26				.130 520 35 30 26 25				.104 475 32 26 22 21				.070 390 28 23 20 19				.059 350 26 21 19 18				.046 320 25 20 18 17							
700	TOTAL PRESS. NECK VELOCITY THROW																	.141 570 37 31 27 26				.094 450 34 27 24 23				.077 400 31 26 23 22				.062 370 27 23 20 19							
800	TOTAL PRESS. NECK VELOCITY THROW																					.106 525 37 31 27 26				.104 470 35 29 26 25				.081 420 32 27 24 23							
900	TOTAL PRESS. NECK VELOCITY THROW																									.131 500 39 33 29 28				.102 470 36 30 27 26							
1000	TOTAL PRESS. NECK VELOCITY THROW																									.160 600 43 36 32 31				.123 550 40 34 30 29							
1100	TOTAL PRESS. NECK VELOCITY THROW																													.153 600 43 36 32 31							

Throw is listed at 50 F.P.M. terminal velocity.

NC levels correspond with the following neck velocities – less than 250FPM yields NC less than 20.  
250-600 FPM yields NC 25-30. 600-900 FPM yields NC 30-35. 900-1200 FPM yields NC 35-40.