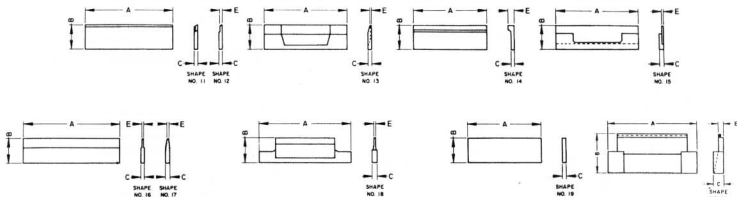


# CENTERLESS GRINDER BLADES

## for Long Bar Fixtures

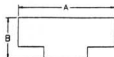
NO. 2 CENTERLESS, MODELS OM AND EA; NO. 3 CENTERLESS, MODEL EA; CINCO 15 CENTERLESS, MODEL DE



FIXTURE WHEEL WIDTH AND TYPE	MAX. WORK LENGTH	WORK DIAMETER RANGE	CARBIDE TIPPED	HIGH SPEED STEEL	SHAPE NO.	DIMENSIONS			
						A	B	C	E
TYPE "A" LONG BAR 4"- 6" WHEEL	30"	.125-.250	223902	232563	13	11.750	3.375	.50	.100
		.250-.500	223903	220580	13	11.750	3.375	.50	.250
		.500-1.50	223904	.....	12	11.750	3.375	.50	.468
		.030-.060	.....	217717	26	10.375	2.500	.50	.027
TYPE "B" LONG BAR 4"- 6" WHEEL	8 FT.	.060-.125	.....	208521	26	10.375	2.500	.50	.045
		.125-.250	223880	208511	26	10.375	2.500	.50	.110
		.250-.500	223881	208512	26	10.375	2.500	.50	.235
		.500-.875	223855	53832	19	10.375	2.500	.50	.500
		.875-1.25	223857	55226	14	10.375	2.500	.50	.875
		.060-.125	.....	208521	26	10.375	2.500	.50	.045
		.125-.250	223880	208511	26	10.375	2.500	.50	.110
TYPE "C" LONG BAR	18 FT.	.250-.500	223881	208512	26	10.375	2.500	.50	.235
		.500-1.00	223910	219743	17	10.375	3.500	.50	.375
		1.00-2.00	223890	216620	11	10.375	3.000	.50	.500
		.125-.250	232571	.....	18	13.062	3.937	.75	.109
		.250-.750	232557	.....	18	13.062	3.937	.75	.218
TYPE "D" LONG BAR #3 GRINDER ONLY	18 FT.	.750-2.00	223905	.....	19	13.062	3.750	.75	.750
		2.00-3.00	223906	.....	19	13.062	3.000	.75	.750
		3.00-4.00	223907	.....	19	13.062	2.500	.75	.750
		.....	.....	.....	.....	.....	.....	.....	.....

# CENTERLESS LAPPER BLADES

High Speed Steel



NO. 2 CENTERLESS, MODELS OM AND EA; NO. 3 CENTERLESS, MODEL EA; CINCO 15 CENTERLESS, MODEL DE

HIGH SPEED STEEL	WORK DIAMETER RANGE	PART NUMBER	DIMENSIONS			
			LENGTH	HEIGHT	THICKNESS	BEARING ANGLE
	.125-.250	219642	3.4	4.50	.50	10°
	.187-.250	219442	3.4	4.00	.50	15°
	.250-.500	219441	3.4	4.00	.50	15°
	.500-1.50	219443	3.4	4.00	.50	15°
	.500-3.00	216643	3.4	3.875	.50	20°
	3.00-6.00	216642	3.4	2.750	.50	20°

Carbide Tipped

CARBIDE TIPPED	.250-.500	224242	3.4	4.375	.50	15°
	.500-3.00	224243	3.4	3.875	.50	20°
	3.00-6.00	224244	3.4	3.000	.50	20°