



High Performance Segments

For grinding large plate, Jowitt & Rodgers's segments cannot be matched. These resin bonded, ceramic grain segments are specially formulated to grind with exceptional speed and efficiency on large, high horsepower grinders. In test after test, on a wide variety of materials, these segments consistently gave higher 'G' ratios and metal removal rates than either conventional grain segments or other ceramic grain segments. The net result is longer segment life and faster grinding rates, resulting in higher productivity.



Against conventional abrasives, 'G' ratios are 2 to 4 times greater – meaning longer segment life. More impressive is the increase in metal removal rates – increasing 3 to 4 times. The combination of these two productivity enhancements more than offsets the higher segment cost.

Against other ceramic grain segments, 'G' ratios are 50% to 100% higher and metal removal rates are 2 to 3 times greater. Here are some typical results:

MATERIAL		J&R	COMPETITIVE CERAMIC	CONVENTIONAL
A36	'G' RATIO	9.0	7.0	2.0
	METAL REMOVAL RATE (IN ³ /MINUTE)	41.8	19.4	9.4
4140	'G' RATIO	10.5	8.1	4.1
	METAL REMOVAL RATE (IN ³ /MINUTE)	12.9	9.25	3.2

In this highly competitive environment, you need to reduce your operating costs and increase your output. These segments will do just that!