

LAARMANN[®]

Innovators in Solids

DRILLING TOOLS

LMFC250 FINE CRUSHER

LM2000 PULVERISER RING



DRILLING TOOLS APPLICATION

Pre-crushing with the LMFC250 Fine Crusher

Grinding system:	LMFC250 Fine Crusher
Accessories:	Jaw plates of Biz Alloy Steel
Sample material:	WC Drilling tools
Product feed size:	Original samples of up to 90mm lenght
Grinding time:	60 seconds for sample 1 / 2 kgs
Result:	mainly < 8,00 mm

Fine Milling with the LM2000 Pulveriser Ring Mill

Grinding system:	LM2000 Pulverizer Ring Mill
Accessories:	grinding jar 125ml of Tungsten Carbide
Sample material:	WC Drilling tools
Product feed size:	mainly < 8,00 mm
Grinding time:	4 minutes
Result:	mainly < 200µm



Original samples No 1. Drilling tools up to 90 mm length / weight 2,2 kgs



Processed Sample after 60 seconds of milling / Size app. 8 mm



Processed sample in LM2000 after 4 minutes / Size app. 200µm

Application notes can only be used as a guideline. Each type material of has its own characteristics and therefore the outcome for each test may vary per material. We cannot accept any legal claims derived from this application note. This document is subjected to technical modification and errors.

DRILLING TOOLS APPLICATION

Recommendation

In order to grind and to homogeneously mix Drilling tools samples of similar nature we recommend the use of our LMFC250 Fine Crusher and the LM2000 Pulverizer Ring Mill under the mentioned grinding conditions.

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