ONEREAM™ · EVIDENCE

METALLIMAX®

# Used-up reamers cost you time, effort and quality.

### 3× EFFORT REQUIRED*

**95–318%**

Dull reamers require excessive force.[2]

### DIAMETRICAL IMPRECISION

**−1.33 mm**

Dull reamers undersize the cavity.[1]

### 2× TIME REQUIRED

**+100%**

Reaming time is doubled with used-up reamers.[2†]

### SIGNIFICANT UNDER-REAMING

**−3.4 mm**

Dull reamers fail to reach the same depth.[2]

### THERMAL NECROSIS

**65.1 °C**

Dull reamers can generate extreme temperatures.[2,3]

VS




**±250 µm**
TRUE TO SIZE**[5,6]

**25%**
LESS TORQUE**[4,6]

**39%**
SMOOTHER BONE FINISH**[5,6]

## One ream. To the right size.

**Join the OneReam Revolution.**

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(772) 265-4681
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** Problem data: bench and animal studies of generic new vs used reamers, not OneReam; bone injury seen at 47 °C for 1 min.[3] † Extra time allotted by study protocol, not measured. ** OneReam data: bench test of identical cutting-tooth geometry vs a conventional crossbar reamer (52 mm, 30 PCF Sawbones); may not predict clinical performance.*

**Refs:** 1. Slotkin S, et al. *Arthroplasty Today*. 2016;3(2):131–136 · 2. Sherman WF, et al. *Arthroplasty Today*. 2021;7:91–97 · 3. Eriksson AR, Albrektsson T. *J Prosthet Dent*. 1983;50(1):101–107 · 4. Manufacturer TS-18-0008, torque/cutting efficiency test · 5. Manufacturer TS-18-0010, size, form and smoothness test · 6. Manufacturer Cross Bar Reamer Data Sheet 10008-01 Rev. B.

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