

# MOPS BONE Rapper

## MOPS Micro Osteo Perforations

Minimally invasive acceleration of tooth movement using micro-osteoperforations (MOPs) and the BONE Rapper

### Screwdriver handle



10-61000



USA only				
<b>MOPS BONE Rapper for 10-16000</b>				
		Ø	Total Length	L1
33-10170		2.0 mm	70 mm	9 mm
33-10177		2.0 mm	70 mm	11 mm
<b>MOPS BONE Rapper for contra-angle handpiece</b>				
33-10133		2.0 mm	33 mm	9 mm



Micro Osteoperforation performed on a patient undergoing orthodontic tooth movement has been shown in a number of studies to accelerate orthodontic treatment. The micro perforations stimulate the cytokine response in the patient's alveolar bone and leads to an increased rate of bone remodeling.

The **MOPS BONE Rapper** is a minimally-invasive device that can be used in minutes by an orthodontist. It is ideal for use in conjunction with TAD's and fixed or removable treatment systems. By connecting the single-use instrument to our screwdriver handle or to a contra-angle handpiece, it is inserted under local anaesthesia into the alveolar bone in the desired area right through the soft tissue. An optional depth stop for the contra- angled version reduces the insertion depth to 5 or 7 mm. However, if desired, it can be inserted to a maximum depth of 9 mm.