

MicroFX™ OCD
Osteochondral Drill

Enhanced Microfracture



Introduction

Enhanced Microfracture

The Stryker MicroFX OCD system enhances the way microfracture holes are created. Using an efficient fluted drill, the MicroFX system is designed to extract bone instead of compacting bone. Extraction of bone creates a clear channel for access to healing cells.¹

MicroFX OCD



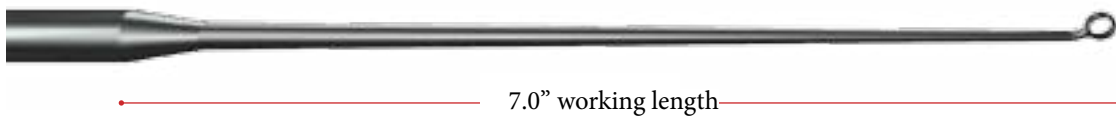
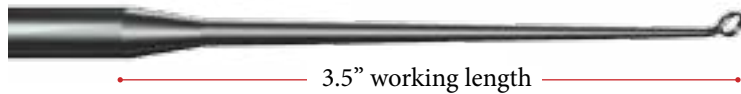
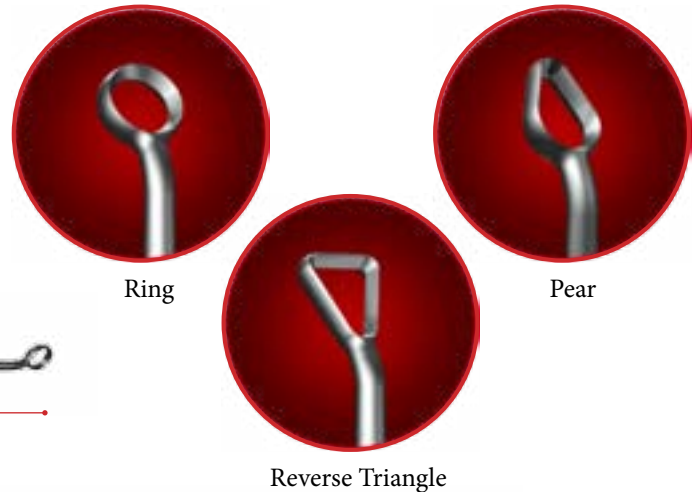
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Defect Preparation

Multiple Curette Options

- Three angled shapes are designed to allow surgeons to create vertical shoulders of mechanically stable cartilage and remove calcified cartilage, even in challenging areas.



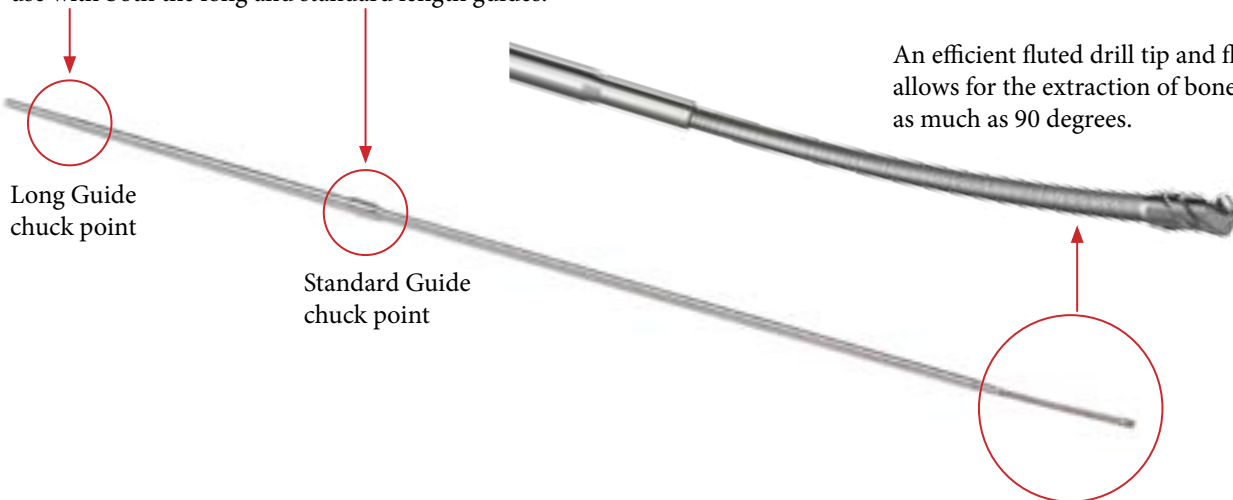
MicroFX Drill Features

Universal drill: one drill with two chuck points for use with both the long and standard length guides.

Long Guide
chuck point

Standard Guide
chuck point

An efficient fluted drill tip and flexible coil shaft allows for the extraction of bone through angles of as much as 90 degrees.



MicroFX Drill Guides

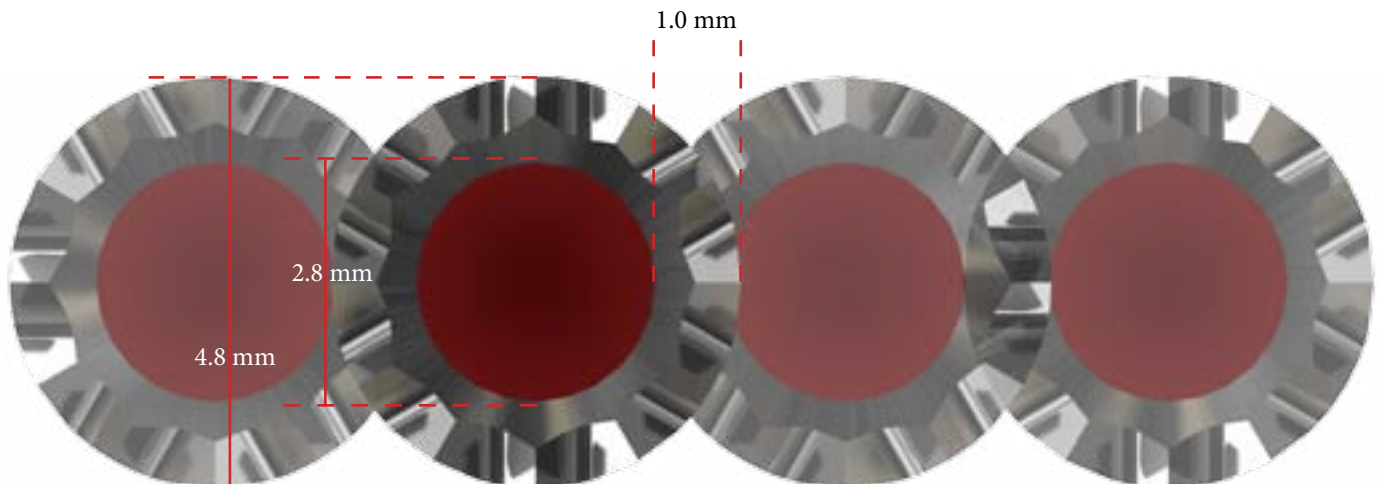
The MicroFX system offers multiple options for guide length and angle. This enables surgeons to create microfracture holes in hard to access areas such as the acetabular rim and the underside of the patella.

- The guide mouth design has teeth that are designed to provide a secure placement of the guide and reduce the risk of skiving. The guide mouth is also chamfered to reduce the risk of the teeth coming in contact with the drill.



Guide Dimensions

- Using the guide as a measuring tool, surgeons can put space between holes. This allows for a bone bridge that helps to maintain structural integrity.



Long Guide Option Features



Standard Guide Option Features

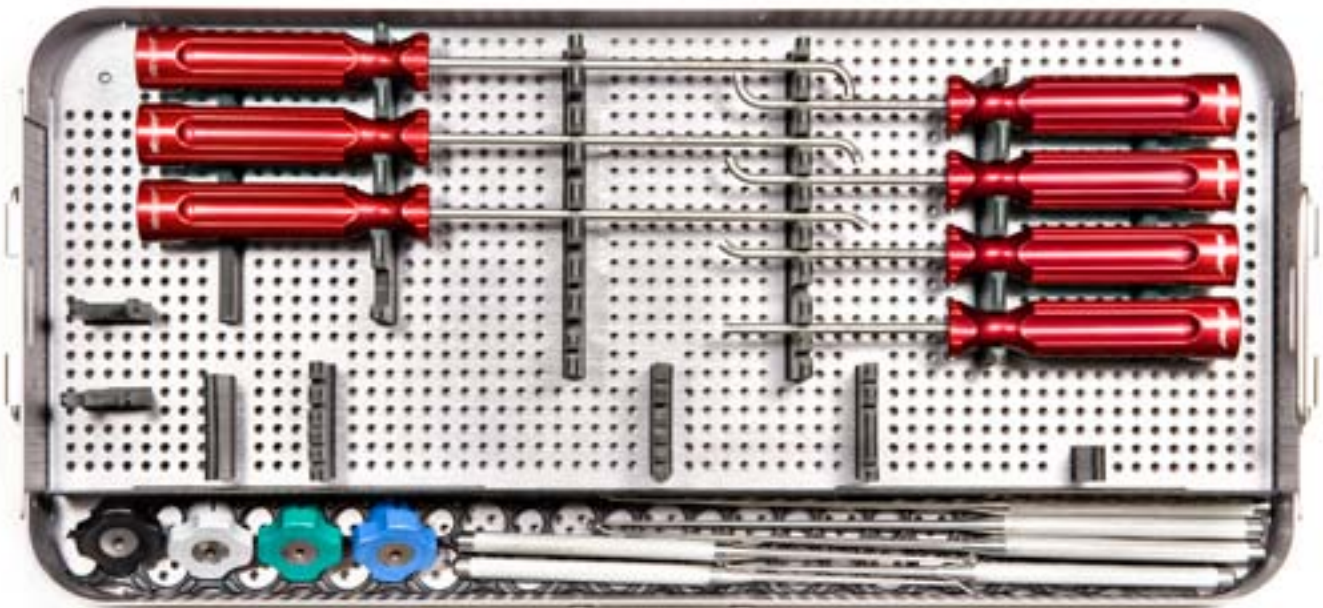


Depth Control

Universal snap caps in 4, 5, 6, and 7mm options allow surgeons to select the appropriate depth to stimulate marrow cells and blood flow to the defect site. The snap caps fit on all of the guide options.



Multi-System Tray



MicroFX OCD

Product Applications

Shoulder

- humeral head
- glenoid

Hip

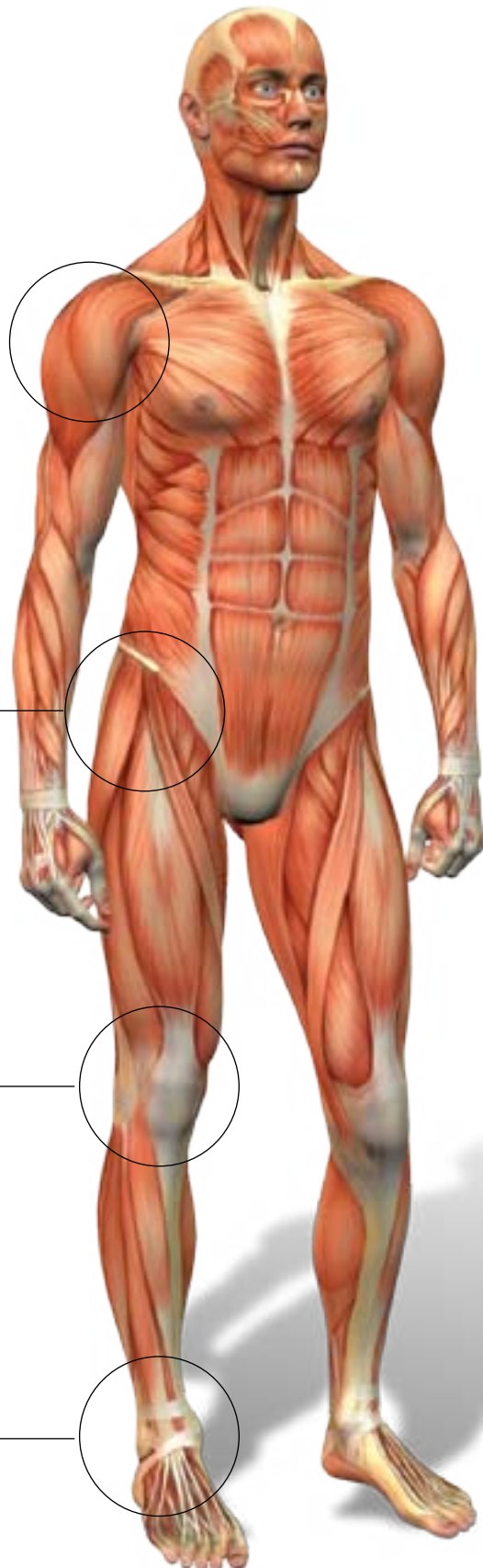
- acetabulum
- femoral head

Knee

- patella
- trochlea
- femoral condyles
- tibial plateau

Ankle

- talar
- tibial plafond



PART NUMBER	DESCRIPTION
3910-500-575	Multi-System Tray
234-200-000	0° MicroFX OCD Guide
234-200-045	45° MicroFX OCD Guide
234-200-070	70° MicroFX OCD Guide
234-200-090	90° MicroFX OCD Guide
234-200-145	45° MicroFX OCD Guide, Long
234-200-170	70° MicroFX OCD Guide, Long
234-200-190	90° MicroFX OCD Guide, Long
234-200-004	4mm MicroFX OCD Snap Cap
234-200-005	5mm MicroFX OCD Snap Cap
234-200-006	6mm MicroFX OCD Snap Cap
234-200-007	7mm MicroFX OCD Snap Cap
234-200-010	Angled Ring Curette
234-200-011	Angled Reverse Triangle Curette
234-200-012	Angled Pear Curette
234-200-110	Long Angled Ring Curette
234-200-111	Long Angled Reverse Triangle Curette
234-200-112	Long Angled Pear Curette
234-200-200	MicroFX OCD Universal Drill

References:

- 1) Chen et. al. Drilling and Microfracture Lead to Different Bone Structure and Necrosis during Bone-Marrow Stimulation for Cartilage Repair. JOR. 27(11)2009

A surgeon must always rely on his or her own professional clinical judgment when deciding whether to use a particular product when treating a particular patient. Stryker does not dispense medical advice and recommends that surgeons be trained in the use of any particular product before using it in surgery.

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