

DARCO[®]

Headed Cannulated Screw System

SURGICAL TECHNIQUE



DARCO®
Headed Screw

SURGICAL TECHNIQUE

Contents

Preface	4	Introduction
	4	System Basics
Chapter 1	5-7	Surgical Technique

Proper surgical procedures and techniques are the responsibility of the medical professional. The following guidelines are furnished for information purposes only. Each surgeon must evaluate the appropriateness of the procedures based on his or her personal medical training and experience. Prior to use of the system, the surgeon should refer to the product package insert for complete warnings, precautions, indications, contraindications and adverse effects. Package inserts are also available by contacting Wright Medical Technology, Inc.

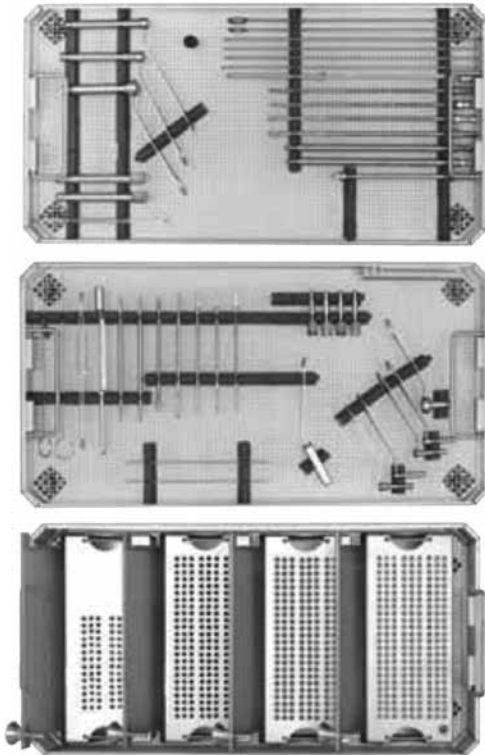
Introduction

The DARCO® Headed Cannulated Screw System is a multi-size, multi-indication screw system designed specifically for the forefoot, midfoot, and hindfoot anatomy. All screws are designed to be self-drilling and self-tapping, and feature a reverse cutting flute for easy removal. With screw diameters ranging from 2.7mm to 7.5mm, the DARCO® Headed Cannulated Screw System offers multiple options to solve a variety of foot and ankle issues.

SYSTEM BASICS

SCREW OPTIONS

DIAMETER	THREAD OPTIONS	SCREW LENGTHS
2.7mm	Full, Short	8mm-34mm
3.5mm	Full, Long, Short	8mm-60mm
4.0mm	Full, Long, Short	8mm-60mm
4.5mm	Full, Long, Short	8mm-60mm
6.5mm	Short	35mm-120mm
	Long	70mm-120mm
7.5mm	Short	35mm-120mm
	Long	70mm-120mm



K-Wire Placement

A stab incision is made, and the tissue protector with obturator is inserted down to the host bone.



The necessary K-wire is inserted through the obturator and driven on power just past the osteotomy, fusion, or fracture site.

K-WIRE REFERENCE

SCREW SIZE	K-WIRE
2.7mm	1.2mm
3.5mm	1.2mm
4.0mm	1.2mm
4.5mm	1.6mm
6.5mm	2.5mm
7.5mm	3.0mm

After successful reduction of the site, and proper pin position is achieved, remove the obturator from tissue protector.

Screw Length Determination

Measure for the screw length by using the depth gauge over the k-wire and through the tissue protector. Ensure that the gauge is seated flush to the bone prior to determining the screw length.



Drilling

The DARCO® Headed Cannulated Screw System has been designed to be self-drilling and self-tapping. In some hard cortical bone, however, drilling may be necessary. Slide the appropriate drill guide over the k-wire and into the tissue protector. Under power, drill just past the osteotomy or fusion site

Note: Drill guides are marked to indicate the screw diameter being used



Countersinking

To further seat the head of the DARCO® Headed Cannulated Screw the countersink may be used. Using the AO handle, turn the countersink in a clockwise motion to just break the cortex of the bone.

Screw Installation

Install the appropriate screw under power using the hex driver until the head of the screw comes in contact with the cortex of the bone. Final tightening should be completed by hand using the hex driver and handle.

Washer Usage

In the event of the head of the screw breaking through the cortex of the bone, the washers can be used to salvage screw fixation. Remove the screw, leaving the K-wire in place. Slide the appropriate washer over the screw, and re-install.



Wright Medical Technology, Inc.

1023 Cherry Road
Memphis, TN 38117
800 238 7117
901 867 9971
www.wright.com

Wright Medical EMEA

Atlas Arena, Australia Building
Hoogoorddreef 7
1101 BA Amsterdam
the Netherlands
011 31 20 565 9060

Wright Medical UK Ltd.

Unit 1, Campus Five
Letchworth Garden City
Hertfordshire SG6 2JF
United Kingdom
011 44 (0)845 833 4435

™Trademarks and *Registered marks of
Wright Medical Technology, Inc.
©2015 Wright Medical Technology, Inc.
All Rights Reserved.