# DARCO™

## 3.2mm Headless Compression Screw

SURGICAL TECHNIQUE

WRIGHT™

FOCUSED EXCELLENCE

# DARCO™

## 3.2mm Compression Screws

### SURGICAL TECHNIQUE

**Surgical Technique as described by:**

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# Contents



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. Contact information can be found on the back of this surgical technique and the package insert is available on the website listed.

Please contact your local Wright representative for product availability.

# Introduction

chapter 1

## Device Description

The DARCO™ 3.2mm Headless Screw is a self drilling, self tapping and self countersinking 3.2mm hex drive cannulated screw with a reverse cutting nib designed into the thread pattern. The cannulated feature allows for the use of a drill guide for precise placement while the smooth shank between the threaded portions of the screw allows the bone surfaces to be compressed to facilitate healing. The screws are made of Ti 6-Al 4-V biocompatible titanium alloy and coated with an anodized finish.

## Indications

The DARCO™ 3.2mm Headless Screw is to be used on indications that are common for currently marketed compression screws. The primary indication for use is the fixation and stabilization of fractures and non-unions of small bones and small bone arthrodeses including but not limited to intra-articular fractures of the tarsals, metatarsals, carpals and metacarpals, bunionectomies and osteotomies, and arthrodeses of small joints (i.e. phalanges).

## Contradictions

No product specific contraindications.

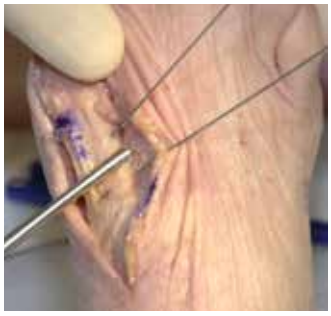
Prior to use of the system, the surgeon should refer to the product package insert for complete warnings, precautions, indications, contraindications and adverse effects. Package inserts are also available by contacting the manufacturer. Contact information can be found on the back of this surgical technique and the package insert is available on the website listed.

# Surgical Technique

chapter 2

## K-wire Placement

Use a powered driver to place a 1mm K-Wire (P/N N02228210) through the osteotomy or fusion site.



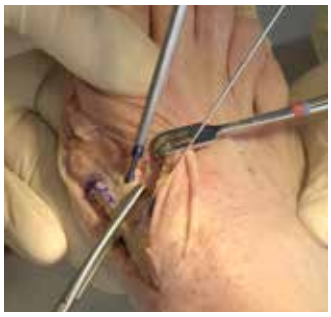
## Screw Selection

Using the ruler (P/N MT1009), measure the length of the K-wire exposed from the bone. Subtract this length from the total length of the K-wire (100mm) to obtain the screw length needed.

**Note:** *The* DARCO™ *3.2mm Headless Compression Screw is designed to be self-tapping and self-drilling. However, in dense cortical bone, drilling and countersinking may be required. In these cases, use the provided drill/countersink instruments over the K-wire prior to screw insertion.*

## Screw Placement

Load the 2mm Cannulated Hex Driver (P/N 44112001) into the AO driver handle (P/N 44112009). Use the driver to advance the appropriate screw until the head is completely countersunk within the bone.



# Explant Information

If the removal of the implant is required due to revision or failure of the device, the surgeon should contact the manufacturer using the contact information located on the back cover of this surgical technique to receive instructions for returning the explanted device to the manufacturer for investigation.

## Postoperative Care

Postoperative care is the responsibility of the medical professional

# Ordering Information

## DARCO™

SNAP-Off Screws

| PART NUMBER | DESCRIPTION |
|---|---|
| 45110001 | 2.0mm X 11mm |
| 45110002 | 2.0mm X 12mm |
| 45112013 | 2.0mm X 13mm |
| 45110003 | 2.0mm X 14mm |
| 45112015 | 2.0mm X 15mm |
| 45112711 | 2.7mm x 11mm |
| 45112712 | 2.7mm x 12mm |
| 45110004 | 2.7mm x 13mm |
| 45112714 | 2.7mm x 14mm |
| 45110005 | 2.7mm x 15mm |

## DARCO™

3.2mm Screw

| NON-STERILE # | DESCRIPTION |
|---|---|
| DC4110 | 3.2mm X 10mm |
| DC4112 | 3.2mm X 12mm |
| DC4114 | 3.2mm X 14mm |
| DC4116 | 3.2mm X 16mm |
| DC4118 | 3.2mm X 18mm |
| DC4120 | 3.2mm X 20mm |
| DC4122 | 3.2mm X 22mm |
| DC4124 | 3.2mm X 24mm |
| DC4126 | 3.2mm X 26mm |
| DC4128 | 3.2mm X 28mm |
| DC4130 | 3.2mm X 30mm |
| DC4132 | 3.2mm X 32mm |

## DARCO™

Instrumentation

| PART NUMBER | DESCRIPTION |
|---|---|
| NO2228210 | K-wire 1.0mm |
| MT10010 | Drill Bit 33mm (GOLD) |
| MT10020 | Drill Bit 24mm (BLUE) |
| MT10160 | Drill Bit 15mm (RED) |
| DC2602016 | Scarf Fixation Forceps |
| MT1009 | Ruler |
| MT1010 | Tweezers |
| 2225000 | Gauge for screws & k-wire |
| MT1015 | Sterilization Box |
| 44112001 | 2.0mm Hex |
| 41112017 | AO Quick Connect |
| 44112009 | AO Quick Connect Handle |
| 45112004 | Snap-Off Screwdriver AO-QC |

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