

# RetroButton™ Sizing Chart

Socket Depth (mm)	Intraosseous Length (mm)											Amount of graft in socket
	25	30	35	40	45	50	55	60	65	70	75	
20	15	20	25	30	35	40	45	50	55	60	65	15 mm
25		15	20	25	30	35	40	45	50	55	60	20 mm
30			15	20	25	30	35	40	45	50	55	25 mm
35				15	20	25	30	35	40	45	50	30 mm
40					15	20	25	30	35	40	45	35 mm
45						15	20	25	30	35	40	40 mm
50							15	20	25	30	35	45 mm
55								15	20	25	30	50 mm
60									15	20	25	55 mm

RetroButton Loop Length



1-800-934-4404 • www.arthrex.com

© Copyright Arthrex Inc., 2007. All rights reserved. LR0186A  
Turn over for detailed instructions on using this chart

## *Instructions for Use of the RetroButton Sizing Chart*

### Method One (socket/intraosseous measurements determine RetroButton loop length):

- 1.) Surgeon prepares the socket to desired depth. Measurements are taken with RetroButton instrumentation
- 2.) Find these measurements on the chart: **intraosseous length** and **socket depth**
- 3.) Where the row and the column meet will give you the appropriate **RetroButton loop length**
- 4.) If desired, follow the row all the way to the right until you get to the green column, which indicates how much **graft length is in the socket**

#### *Equation:*

$$\text{Intraosseous length} - \text{socket depth} + 10 = \text{RetroButton loop length}$$

### Method Two (amount of graft length desired in socket determines RetroButton loop length):

- 1.) Determine how much graft the surgeon wants in the **socket**
- 2.) Determine **intraosseous length** from RetroButton instrumentation
- 3.) In the green column, find the amount of **graft surgeon wants in socket**
- 4.) In the blue row, find the **intraosseous length**
- 5.) Where the row and the column meet will give you the appropriate **RetroButton loop length**, follow the row to the left (red column) to determine how **deep the socket should be drilled**

#### *Equation:*

$$\text{Intraosseous length} - \text{graft length in socket} = \text{loop length}$$

(must drill the socket 10 mm deeper than the graft in the socket)

#### *Note:*

Even though the **RetroButton loop** is oversized by 10 mm, the **graft length in the socket** will be approximately 6 mm less than the **socket depth**

