

Zlig Reference Chart

Recommendation:

Use the contents of this chart as a general guideline only. Drill hole always depends on in situ bone stock. Choose drill size accordingly. Use K-Wire for chosen drill. After bone hole is set, open up cortex with a head reamer or next bigger size of drill so that is more space to lay apart the ligament later aside and to place the blunt K-Wire on the opposite size of the drill hole. This might ease the placement of the interference screw. Screw size should be equal or less than drill hole size. If the screw is hard to screw in after 2 turnarounds use a smaller screw; is the bone soft use a bigger screw.

Attention:

The blunt K-Wire for screws is a guide for the screw to be placed parallel to the ligament. Use blunt K-Wire as screw guide wire only in order not to destroy ligament fibres. The length how deep the guide wire is introduced in hole should be not longer than the chosen screw length. While screwing screw over the guide wire withdraw stepwise the guide wire, otherwise it may occur that the pin is pushed into the joint or it will stick at the edge of the bone. If this occurs due to long guiding K-Wire the K-Wire will twist and could hardly be removed when the screw is set. The guide wire size for screws Ø 3.0 to 4.5 is Ø 1.0 mm only.

Ligament Ref.	Drill Size	K-Wire Size for Drill	Screw Size	K-Wire Size for Screws	Screwdriver Tip Size	Dog Size
CCL16/10 10 mm fibre length	Drill Ø 2.5 mm, cannulated	K-Wire, Ø 1.0 mm, double trocar	Screw Ø 3.0 (blue) Length: 5/8/10 mm	K-Wire Ø 1.0 mm, double blunt	Hex 2.0	5 – 8 kg
CCL24/15 15 mm fibre length	Drill Ø 3.0 mm, cannulated	K-Wire, Ø 1.0 mm, double trocar	Screw Ø 3.0 (blue) Length: 5/8/10 mm Screw Ø 3.5 (light blue) Length: 8/10/13 mm	K-Wire Ø 1.0 mm, double blunt	Hex 2.0	8 – 12 kg
CCL32/17 17 mm fibre length	Drill Ø 3.6 mm, cannulated	K-Wire, Ø 2.0 mm, double trocar	Screw Ø 3.5 (light blue) Length: 8/10/13 mm Screw Ø 4.0 (magenta) Length: 8/10/13 mm	K-Wire Ø 1.0 mm, double blunt	Hex 2.0	12 – 25 kg
CCL48/19 19 mm fibre length or	Drill Ø 4.2 mm, cannulated	K-Wire, Ø 2.0 mm, double trocar	Screw Ø 4.0 (magenta) Length: 8/10/13 mm Screw Ø 4.5 (gold) Length: 10/15/20/25 mm	K-Wire Ø 1.0 mm, double blunt	Hex 2.0	25 – 45 kg
CCL48/22 22 mm fibre length or	Drill Ø 5.0 mm, cannulated	K-Wire, Ø 2.0 mm, double trocar	Screw Ø 4.5 (gold) Length: 10/15/20/25 mm Screw Ø 5.0 (green) Length: 10/15/20/25 mm Screw Ø 6.0 (silver) Length: 10/15/20/25 mm	K-Wire Ø 1.0 mm, double blunt K-Wire Ø 2.0 mm, double blunt K-Wire Ø 2.0 mm, double blunt	Hex 2.0 Hex 2.5 or use Hex K-Wire Hex 2.5 or use Hex K-Wire	25 – 45 kg
CCL48/25 25 mm fibre length	Drill Ø 5.0 mm, cannulated	K-Wire, Ø 2.0 mm, double trocar	Screw Ø 4.5 (gold) Length: 10/15/20/25 mm Screw: Ø 5.0 (green) Length 10/15/20/25 mm Screw: Ø 6.0 (silver) Length 10/15/20/25 mm	K-Wire Ø 1.0 mm, double blunt K-Wire Ø 2.0 mm, double blunt K-Wire Ø 2.0 mm, double blunt	Hex 2.0 Hex 2.5 or use Hex K-Wire Hex 2.5 or use Hex K-Wire	25 – 45 kg
	Drill Ø 4.0 mm, non-cannulated for tunnels which need not to be guided (transversal tunnel)					