MATRIXRIB™

MIPO
Minimally Invasive Plate Osteosynthesis

Less invasive approach for MatrixRIB
MatrixRIB: MIPO
Minimally Invasive Plate Osteosynthesis
SMALLER INCISION. SMARTER APPROACH.

With the launch of its MatrixRIB System, DePuy Synthes CMF affirmed its commitment to improving patient care. Now, DePuy Synthes CMF extends this commitment with its new Minimally Invasive Plate Osteosynthesis (MIPO) instrumentation.

The versatile MIPO instruments offer additional approach options that are less invasive than the original MatrixRIB System. These instruments overcome various access challenges by extending their reach without increasing incision size. The instruments also enable rib stabilization of sub-scapula fractures with MatrixRIB implants.

The MIPO instrumentation includes the following: trocar instruments, Threaded Reduction Tool and instruments for the 90° Screwdriver.
**Threaded Reduction Tool**

The Threaded Reduction Tool is an alternative to plate holding forceps with a self-drilling tip for screw insertion without the need of predrilling. The maximum insertion stop of 15 mm reduces the risk of over penetration.

**Trocar Instruments**

The trocar and cannula extend reach with stab incisions and are compatible with existing drill bits with stop. The screw insertion can be accomplished through a 70 mm long cannula. The tissue retractor forceps reduce the number of instruments at the incision site.
**Instruments for 90° Screwdriver**

The 90° Screwdriver allows for minimally invasive predrilling and insertion of screws without additional incisions. The MIPO instruments complement a 90° Screwdriver with multiple drill guide angle options for versatile approaches. The drill guide ensures concentric drilling for proper screw locking. The new 2.2 mm drill bits with stop from 6 mm to 14 mm allows for controlled drilling.
### MATRIXRIB MINIMALLY INVASIVE PLATE
### OSTEOSYNTHESIS INSTRUMENT SET (01.501.110)

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<td>03.506.003</td>
<td>Tissue Retractor Forceps for Basic Trocar System</td>
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<td>MatrixRIB Plate Holding Forceps, large, 2 ea.</td>
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<td>MatrixRIB Graphic Case Assembly for MIPO</td>
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90° SCREWDRIVER FOR MATRIXRIB
SYSTEM SET (01.501.120)

03.505.003  Shaft for 90° Screwdriver, 2 ea.
03.505.004  Handle for 90° Screwdriver, 2 ea.
03.505.005  Turning Handle for 90° Screwdriver

03.501.750  MatrixRIB Screwdriver Blade for 90°
            Screwdriver, self retaining, 2 ea.
03.501.751  2.2 mm MatrixRIB Drill Guide for 90°
            Screwdriver with 0–90°
03.501.752  2.2 mm MatrixRIB Drill Guide for 90°
            Screwdriver with 45–45°

2.2 mm Drill Bits for 90° Screwdriver
MatrixRIB, 2 ea.

03.501.756  6 mm Stop
03.501.758  8 mm Stop
03.501.760  10 mm Stop
03.501.762  12 mm Stop
03.501.764  14 mm Stop

05.001.103  Adaptor for Intra-Coupling for Pen Drive
60.505.003  Instrument Tray for 90° Screwdriver
68.501.090  Module for MatrixRIB Instruments for
            90° Screwdriver
68.505.009  Lid for Instrument Tray for 90° Screwdriver

Also Available Items
60.501.097  Lid for MatrixRIB Stackable Graphic Case
60.501.098  MatrixRIB Stackable Graphic Case
            without Lid
60.501.101  MatrixRIB Trocar Insert for Stackable
            Graphic Case
60.501.102  MatrixRIB Forceps Insert with Finger Mat
            for Stackable Graphic Case
Limited Warranty and Disclaimer: DePuy Synthes CMF products are sold with a limited warranty to the original purchaser against defects in workmanship and materials. Any other express or implied warranties, including warranties of merchantability or fitness, are hereby disclaimed.

WARNING: In the USA, this product has labeling limitations. See package insert for complete information.

CAUTION: USA Law restricts these devices to sale by or on the order of a physician.

Not all products are currently available in all markets.