

# SILHOUETTE™ RTS INFO CARD

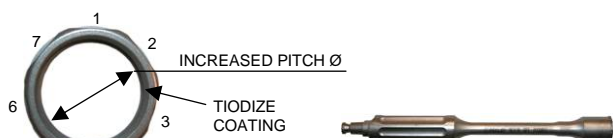
RTS: REDUCED TRAY SYSTEM



## THIS IS NEW...

### 7-SIDED LOCKING NUT

- REQUIRED TORQUE REDUCED TO **100 IN-LBS (≈11.3 NM)**
- → 3 NEW INSTRUMENTS
- TORQUE DRIVER DOES NOT NEED CALIBRATION
- 7-SIDED IN ORDER NOT TO USE WITH OLD TORQUE DRIVER



07.00643.001  
7-SIDED NUT  
STARTER

### NEW ADJUSTABLE TRANSVERSE CONNECTORS

- 3 SIZES, 30-40MM, 40-50MM, 50-60MM
- COLOR-CODED
- STOWED AS ASSEMBLY
- 4 NEW INSTRUMENTS

07.00450.001 TRANSVERSE CONNECTOR NUT DRIVER

07.00450.001 SET SCREW DRIVER



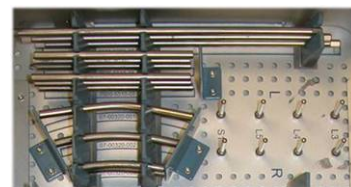
07.00566.001 TRANSVERSE CONNECTOR GAUGE



07.00446.001  
TORQUE LIMITING T-HANDLE

### CURVED RODS

- 6, 8, 10 CM
- ELIMINATES THE NEED OF ROD CONTOURING



7010-0151-01  
AXIAL TORQUE DRIVER



7010-0152-01  
ANTI-TORQUE AXIAL  
TORQUE DRIVER

## ... AND THIS IS STILL TRUE

TEMPORARY  
EXTENDED TABS

CONSTANT SHANK  
DIAMETER - CONSISTENT  
FATIGUE STRENGTH

TAPERED MINOR DIAMETER

CONSTANT MAJOR  
DIAMETER & CONSTANT  
THREAD FORM



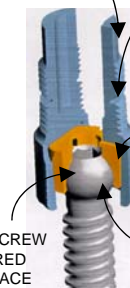
### SILHOUETTE IN A VIEW

- ✓ MARKET INTRODUCTION 1999 (USA) / 2000 (EU)
- ✓ CLINICAL EXPERIENCE > 30'000 WORLDWIDE
- ✓ TOP LOADING / TOP TIGHTENING COMPONENT
- ✓ SINGLE CLOSURE MECHANISM
- ✓ EASE OF USE (ONLY 3 COMPONENTS)
- ✓ SUPERIOR INTERCONNECTION STRENGTH
- ✓ ALL IMPLANTS WITH EXTENDED TABS
- ✓ SELF TAPPING POLYAXIAL AND FIXED SCREWS
- ✓ TEXTURED CONNECTION SURFACES
- ✓ TITANIUM ALLOY (Ti-6AL-4V)
- ✓ WELL HARMONIZED INSTRUMENTS

POLYAXIAL BODY  
WITH EXTENDED  
TABS

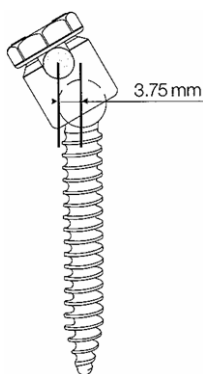
TAPERED LOCKING  
THREADS

TAPERED INNER  
DIAMETER OF  
BODY



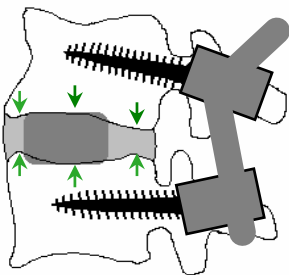
POLYAXIAL SCREW  
WITH TEXTURED  
OUTER SURFACE  
OF SPHERICAL  
HEAD

PRESS-FIT  
SURFACES



### POLYAXIAL VARIABILITY

- 30° ANGULATION
- 60° CONICAL ENVELOPE
- 3.75MM LATERAL OFFSET
- 7.5MM MEDIAL LATERAL OFFSET
- 360° HEAD ROTATION MINIMIZES CORONAL ROD PLANE BENDING
- CUSTOM FIT WITH EACH SCREW



### POLYLOCK MECHANISM

- PATENTED POLYAXIAL CONNECTION MECHANISM PRODUCES 12.8 NM
- ONCE THE POLYAXIAL SCREW IS TIGHTENED, THE ALIGNMENT OF THE SCREW CAN NO LONGER VARY
- HOWEVER, THE NUT CAN BE RELEASED AND THE ROD DISPLACED
- THIS PERMITS PARALLEL COMPRESSION OR DISTRACTION OF VERTEBRAE (NO HEAD ROTATION)
- CREATES A PATIENT SPECIFIC FIXED SCREW

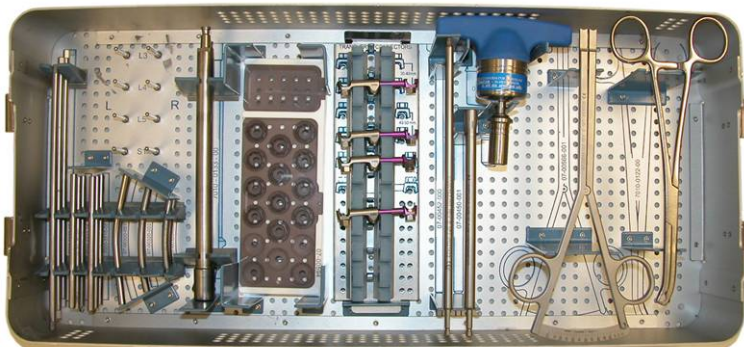
# SILHOUETTE™ RTS TRAY LAYOUT

RTS: REDUCED TRAY SYSTEM

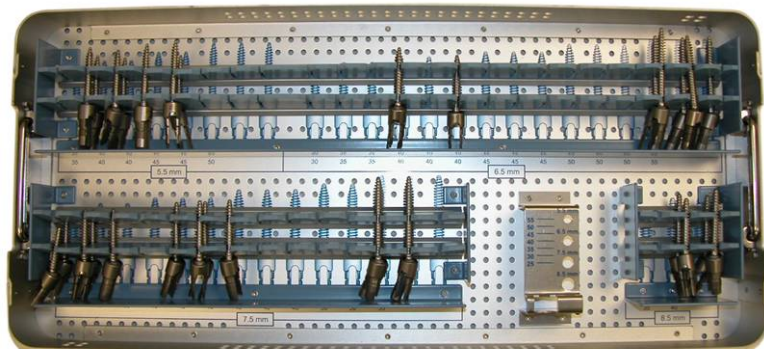


## SILHOUETTE RTS IMPLANT BOTTOM TRAY

## SILHOUETTE RTS IMPLANT TRAY

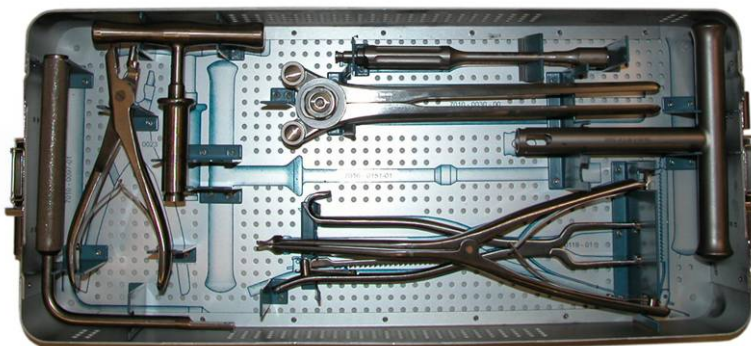


## SILHOUETTE RTS IMPLANT TOP TRAY



## SILHOUETTE RTS INSTRUMENT TRAY

## SILHOUETTE RTS INSTRUMENTS BOTTOM TRAY



## SILHOUETTE RTS INSTRUMENTS TOP TRAY

