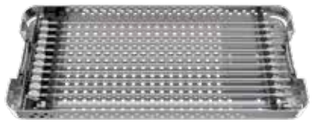
## EFFICIENCY
DO MORE WITH LESS[4]

## MORE OF WHAT YOU NEED
LESS UNNECESSARY
REPROCESSING AND STORAGE

**90%+**

OF IM DEPUY SYNTHES NAIL PROCEDURES CAN BE SUPPORTED BY EFFICIENCY TRAY ALONE[3]*

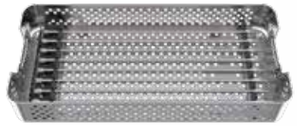
*Based on 2018 DePuy Synthes Sales Data



### EFFICIENCY

Standard (01.045.034)
480mm, Ø8mm – 14mm

Long (01.045.035)
620mm, Ø8mm – 14mm



### OUTLIER

Standard (01.045.036)
480mm, Ø14.5mm – 18mm

Long (01.045.037)
620mm, Ø14.5mm – 18mm

Hand Instruments

### FULL SETS

Standard (01.045.038)*
480mm, Ø8mm – 18mm

Long (01.045.039)
620mm, Ø8mm – 18mm

Hand Instruments

*480mm Full Sets available in two-high outer cases

Advanced REAMING SYSTEM

DePuy Synthes
PART OF THE Johnson & Johnson FAMILY OF COMPANIES

www.jnjmedicaldevices.com


168536-210227

Please refer to the instructions for use for a complete list of indications, contraindications, warnings and precautions

SIZE RANGE

| Head Diameter | 480mm shaft | 620mm shaft |
|---|---|---|
| 8.0mm | 03.045.080 | 03.045.280 |
| 8.5mm | 03.045.085 | 03.045.285 |
| 9.0mm | 03.045.090 | 03.045.290 |
| 9.5mm | 03.045.095 | 03.045.295 |
| 10.0mm | 03.045.100 | 03.045.300 |
| 10.5mm | 03.045.105 | 03.045.305 |
| 11.0mm | 03.045.110 | 03.045.310 |
| 11.5mm | 03.045.115 | 03.045.315 |
| 12.0mm | 03.045.120 | 03.045.320 |
| 12.5mm | 03.045.125 | 03.045.325 |
| 13.0mm | 03.045.130 | 03.045.330 |
| 13.5mm | 03.045.135 | 03.045.335 |
| 14.0mm | 03.045.140 | 03.045.340 |
| 14.5mm | 03.045.145 | 03.045.345 |
| 15.0mm | 03.045.150 | 03.045.350 |
| 15.5mm | 03.045.155 | 03.045.355 |
| 16.0mm | 03.045.160 | 03.045.360 |
| 16.5mm | 03.045.165 | 03.045.365 |
| 17.0mm | 03.045.170 | 03.045.370 |
| 17.5mm | 03.045.175 | 03.045.375 |
| 18.0mm | 03.045.180 | 03.045.380 |
| **Ø3mm Reaming Rods w/Ø3.8mm ball tips** | | |
| Ø3mm Reaming Rod - 950mm | | 03.233.010S |
| Ø3mm Reaming Rod - 1150mm | | 03.233.011S |

*Blue shaded sizes are included in Efficiency Sets

REFERENCES


1. García, Oscar G. Riquelme, et al. "The influence of the size and condition of the reamers on bone temperature during intramedullary reaming." JBJS 86.5 (2004): 994-999.
2. Müller, Chr, et al. "Intramedullary pressure, strain on the diaphysis and increase in cortical temperature when reaming the femoral medullary cavity—a comparison of blunt and sharp reamers." Injury 24 (1993): S22-S30.
3. DePuy Synthes 2018 DPS Nail Sales. 06Mar2021. Windchill Document #0000309513.
4. DePuy Synthes New Flexible Reamer System Claims Justification. 19Feb2021. Windchill Document #0000309514.


Advanced REAMING SYSTEM

DePuy Synthes
PART OF THE Johnson & Johnson FAMILY OF COMPANIES

## IMPROVED
## REAMING PERFORMANCE[4]*

### FRONT AND SIDE CUTTING FEATURES

All reamers have front cutting ability

Surgeons can initiate reaming at larger diameters

Improved cutting efficiency compared to SynReam[4]

### DEEP CUTTING FLUTES

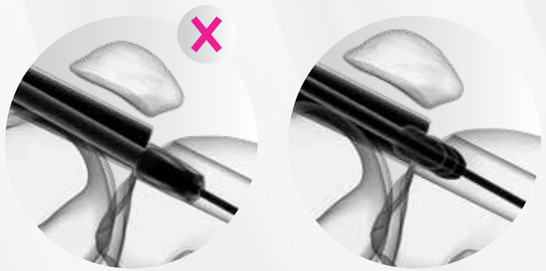
Deep flutes may help displace reaming debris

Cross-sectional view of reamer head design

### STREAMLINED DISTAL END

Smooth head to shaft transition, with no collar or ledge

Designed to avoid interference on protection sleeves[4]



*compared to SynReam

## IMPROVED
## USABILITY[4]*

### Ø3.0MM REAMING ROD

The Ø3mm reaming rod w/Ø3.8mm ball tip is compatible with Advanced Nailing System nail polymer inlays.[4]



### POWER TOOL COMPATIBILITY

**Hudson (Modified Trinkle)** is commonly used connection to power[4]

### LASER-ETCHED FLEXIBLE SHAFT

Designed to offer flexibility and control. Capable of reaming while under 40° flexion.[4]

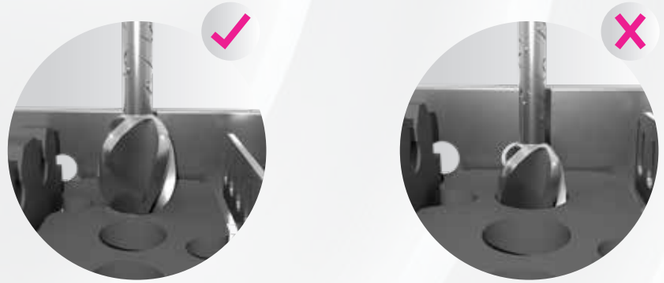


## MAINTAINING REAMER PERFORMANCE

Significant intramedullary (IM) canal temperature increase can occur after as few as 14 uses[1]

Blunt reamers produce greater IM pressure, and increase in cortical temperature[2]

The Advanced Reaming System includes **Wear Indicators**



If respective reamer head passes through wear indicator hole, the reamer is at least 0.25mm smaller than intended and replacement should be considered

Note: Wear Indicator is strictly for sizing purposes and does not indicate if the reamers are unsafe to use because they are undersized.

* compared to SynReam

DePuy Synthes
PART OF THE Johnson & Johnson FAMILY OF COMPANIES

Advanced
REAMING SYSTEM