



September 25, 2019

**To:** Hospital and Surgeons

**Subject:** **URGENT MEDICAL DEVICE FIELD SAFETY NOTICE - REMOVAL-LOT SPECIFIC**

**Affected Product:** Various Legacy Biomet Products

**Reference:** ZFA 2019-00136

### **Purpose of this letter**

The purpose of this letter is to advise you that Zimmer Biomet is voluntarily conducting a Field Safety Corrective Action of various Legacy Biomet Products (See **Attachment 2- Affected Product List**). These devices were subject to cleaning processes that could result in elevated levels of bacterial endotoxin and residual debris remaining on the devices.

### **Reason for the Voluntary Field Safety Corrective Action**

A supplier who performs final cleaning operations on certain Zimmer Biomet products received an FDA Warning Letter earlier this year. Zimmer Biomet recently completed an assessment of that supplier following awareness of the Warning Letter. The assessment focused on devices processed prior to upgrades to the cleaning process, which began in March 2018.

The assessment identified that the clinical history of devices processed within that timeframe experienced expected performance, based on independent national registry data and 57 global complaints for events associated with the risks identified below from over 200,000 devices distributed. However, the supplier's associated quality standards at that time were not aligned with Zimmer Biomet's current quality standards. As a result, the previous cleaning process could result in elevated levels of bacterial endotoxin and residual debris remaining on the devices. While these elevated levels could result in a local tissue reaction, there is not an elevated risk of infection as the sterility of the devices is not impacted.

Out of an abundance of caution, Zimmer Biomet has made the decision to remove the devices that were processed by this supplier and not further processed through the upgraded Zimmer Biomet cleaning. Devices processed by the upgraded cleaning process, and outside of the affected lot numbers, are not impacted by this action.

Risks		
Describe immediate health consequences (injuries or illness) that may result from use of or exposure to the product issue.	Most Probable	Highest Severity
	None	None
Describe long range health consequences (injuries or illness) that may result from use of or exposure to the product issue.	Most Probable	Highest Severity
	None	Adverse Local Tissue Reaction, Pain or ache (critical), Reaction to allergen or toxin (severe systemic), Revision Surgery

Our records indicate that you may have received one or more of the recalled products. The units were distributed between January 2008 and August 2019 (Local deployment may differ).

#### Risk Manager Responsibilities:

1. Review this notification and ensure that affected personnel are aware of the contents.
2. If you have affected products at your facility, assist your Zimmer Biomet sales representative and quarantine all affected products. Your Zimmer Biomet sales representative will remove the affected products from your facility.
3. Complete Attachment 1 – Certificate of Acknowledgement and send to [fieldaction.emea@zimmerbiomet.com](mailto:fieldaction.emea@zimmerbiomet.com). This form must be returned even if you do not have affected products at your facility.
4. Retain a copy of the acknowledgement form with your field action records in the event of a compliance audit of your facility's documentation.
5. If you have further questions or concerns after reviewing this notice, please contact your Zimmer Biomet representative.

#### Surgeon Responsibilities:

1. Review this notification for awareness of the contents.
2. There are no specific patient monitoring instructions related to this field action that are recommended beyond your existing follow-up schedule.
3. Complete **Attachment 1 – Certificate of Acknowledgement** and send to [fieldaction.emea@zimmerbiomet.com](mailto:fieldaction.emea@zimmerbiomet.com).
4. Retain a copy of the acknowledgement form with your field action records in the event of a compliance audit of your facility's documentation
5. If you have further questions or concerns after reviewing this notice contact your Zimmer Biomet representative.



**Other Information**

This medical device Field Safety Notice was reported to all relevant Competent Authorities and the related Notified Body as required under the applicable regulations for Medical Devices as per MEDDEV 2.12-1 in Europe.

Please keep Zimmer Biomet informed of any adverse events associated with this product or any other Zimmer Biomet product by emailing [winterthur.per@zimmerbiomet.com](mailto:winterthur.per@zimmerbiomet.com) or to your local Zimmer Biomet contact.

Please be aware that the names of user facilities notified are routinely provided to the Competent Authorities for audit purposes. Your urgent cooperation is needed.

The undersigned confirms that this notice has been delivered to the appropriate Regulatory Agencies.

Thank you for your assistance. We regret any inconvenience caused by this field action.

Sincerely,

A handwritten signature in black ink, appearing to read 'K. Escapule', written over a horizontal line.

Kevin Escapule  
Director  
Post Market Surveillance



# ATTACHMENT 1 Certificate of Acknowledgement

**IMMEDIATE RESPONSE REQUIRED – TIME SENSITIVE ACTION NEEDED**

**Affected Product: Various Legacy Biomet Products    Field Action Reference: ZFA 2019-00136**

Please return the **completed** form to your Zimmer Biomet contact person or: [fieldaction.emea@zimmerbiomet.com](mailto:fieldaction.emea@zimmerbiomet.com)

I received and understood the Field Safety Notice.

**Regarding the parts:**

All inventories for the affected parts have been checked and following parts are to be returned:

Reference	Lot Reference	Number of parts returned

**OR**

The affected products which are unavailable for return have been:    implanted    discarded    lost    other:

By signing below, I acknowledge that the required actions have been taken in accordance with the Field Safety Notice.

**Printed Name:** \_\_\_\_\_ **Signature:** \_\_\_\_\_

**Title:** \_\_\_\_\_ **Telephone:** (    ) \_\_\_\_\_ - \_\_\_\_\_ **Date:** \_\_\_\_ / \_\_\_\_ / \_\_\_\_

**Facility Name:** \_\_\_\_\_

**Facility Address:** \_\_\_\_\_

**City:** \_\_\_\_\_ **ZIP:** \_\_\_\_\_

**Country:** \_\_\_\_\_

**Note:** This form will be returned to Zimmer Biomet before this action is closed for your account. It is important that you complete this form and email a copy to [fieldaction.emea@zimmerbiomet.com](mailto:fieldaction.emea@zimmerbiomet.com).

## ATTACHMENT 2 - Affected Product List

### Extremities Products

Item	Description	Lots	Item	Description	Lots
010000589	Comprehensive RVS Mini Baseplate	All lots expiring prior to <b>February 28, 2028</b> , plus the lots listed in the table below.	114704	Discovery Humeral Stem - Left - 4 MM - 100 MM	All lots expiring prior to <b>February 28, 2028</b> , plus the lots listed in the table below.
110040610	Comprehensive RVS Augmented Baseplate - 10°		114705	Discovery Humeral Stem - Right - 4 MM - 100 MM	
110040620	Comprehensive RVS Augmented Baseplate - 20°		114706	Discovery Humeral Stem - Left - 5 MM - 100 MM	
110260	TESS Comprehensive Cleat - Size 0		114707	Discovery Humeral Stem - Right - 5 MM - 100 MM	
110261	TESS Comprehensive Cleat - Size 1		114708	Discovery Humeral Stem - Left - 6 MM - 100 MM	
110262	TESS Comprehensive Cleat - Size 2		114709	Discovery Humeral Stem - Right - 6 MM - 100 MM	
110263	TESS Comprehensive Cleat - Size 3		114714	Discovery Humeral Stem - Left - 4 MM - 150 MM	
11-114632	TESS Comprehensive Cleat Cap		114715	Discovery Humeral Stem - Right - 4 MM - 150 MM	
11-114633	Copeland MB/HA Resurfacing Head - Size 2		114716	Discovery Humeral Stem - Left - 5 MM - 150 MM	
11-114641	Copeland MB/HA Resurfacing Head - Size 3		114717	Discovery Humeral Stem - Right - 5 MM - 150 MM	
11-114642	Copeland Resurfacing Head - Size 1		114718	Discovery Humeral Stem - Left - 6 MM - 150 MM	
11-114643	Copeland Resurfacing Head - Size 2		114719	Discovery Humeral Stem - Right - 6 MM - 150 MM	
11-114644	Copeland Resurfacing Head - Size 3		115330	Comprehensive RVS Baseplate - 28 MM	
11-114645	Copeland Resurfacing Head - Size 4		115331	Comprehensive RVS Mini Baseplate - 25 MM	
11-114646	Copeland Resurfacing Head - Size 5		110300	Discovery Ulna Stem - Left - 3 MM - 75 MM	
11-114647	Copeland Resurfacing Head - Size 6		114744	Discovery Ulna Stem - Right - 3 MM - 75 MM	
11-114648	Copeland Resurfacing Head - Size 7		114745	Discovery Ulna Stem - Left - 4 MM - 75 MM	
11-114661	Copeland Resurfacing Head - Size 8		114746	Discovery Ulna Stem - Right - 4 MM - 75 MM	
11-114662	Copeland EAS Resurfacing Head - Size 1		114747	Discovery Ulna Stem - Left - 5 MM - 75 MM	
11-114663	Copeland EAS Resurfacing Head - Size 2		114748	Discovery Ulna Stem - Right - 5 MM - 75 MM	
11-114664	Copeland EAS Resurfacing Head - Size 3		114749	Discovery Ulna Stem - Left - 3 MM - 115 MM	
11-114665	Copeland EAS Resurfacing Head - Size 4		114754	Discovery Ulna Stem - Right - 3 MM - 115 MM	
11-114666	Copeland EAS Resurfacing Head - Size 5		114755	Discovery Ulna Stem - Left - 4 MM - 115 MM	
11-114667	Copeland EAS Resurfacing Head - Size 6		114756	Discovery Ulna Stem - Right - 4 MM - 115 MM	
11-114668	Copeland EAS Resurfacing Head - Size 7		114757	Discovery Ulna Stem - Left - 5 MM - 115 MM	
113863	Copeland EAS Resurfacing Head - Size 8		114758	Discovery Ulna Stem - Right - 5 MM - 115 MM	

113865	Bio-Modular Glenoid Tray - Small	All lots expiring prior to <b>February 28, 2023</b> , plus the lots listed in the table below.	114759	Discovery Ulna Stem - Left - 3 MM - 75 MM	All lots expiring prior to <b>February 28, 2023</b> , plus the lots listed in the table below.				
113867	Bio-Modular Glenoid Tray - Med								
Item	Lot	Item	Lot	Item	Lot	Item	Lot	Item	Lot
010000589	066450	010000589	499270	010000589	845900	11-114644	866380	11-114666	845550
010000589	066550	010000589	499280	010000589	895490	11-114645	866390	11-114667	084610
010000589	105260	010000589	515770	010000589	895740	11-114646	090640	11-114667	308510
010000589	142220	010000589	522080	010000589	895790	11-114646	211410	11-114667	626490
010000589	146060	010000589	569100	010000589	901720	11-114646	560760	11-114668	084620
010000589	151330	010000589	606230	010000589	905580	11-114646	626390	11-114668	420350
010000589	152650	010000589	610940	010000589	905590	11-114646	626430	11-114668	420370
010000589	229990	010000589	628710	010000589	914670	11-114646	683040	11-114668	420380
010000589	239400	010000589	639190	010000589	996230	11-114646	866400	11-114668	626500
010000589	239460	010000589	639350	110040620	634940	11-114647	045460	11-114668	777480
010000589	264200	010000589	675330	11-114641	019770	11-114647	819530	114745	041180
010000589	271270	010000589	679820	11-114642	045390	11-114661	084560	115330	004220
010000589	281160	010000589	702710	11-114642	085450	11-114661	084580	115330	300260
010000589	281180	010000589	703160	11-114643	045410	11-114661	211440	115330	415650
010000589	306750	010000589	704460	11-114643	211390	11-114661	308500	115330	419400
010000589	327540	010000589	715570	11-114643	308470	11-114662	626460	115330	455900
010000589	327660	010000589	788080	11-114643	420300	11-114663	560790	115330	697800
010000589	408700	010000589	801580	11-114643	420310	11-114664	420330	115330	708150
010000589	408740	010000589	801630	11-114643	626330	11-114665	084590	115330	803160
010000589	409830	010000589	801790	11-114644	308480	11-114665	845540	115330	803240
010000589	457000	010000589	818450	11-114644	560750	11-114666	420340	115330	803380
010000589	457230	010000589	818460	11-114644	626380	11-114666	626480	115331	074070
010000589	469380	010000589	838440	11-114644	687850				

### Hip Products

Item	Description	Lots	Item	Description	Lots
104207	HAP Mallory Head Fem Stem - 7 X 140 MM	All lots expiring prior to <b>February 28, 2028</b> , plus the lots listed in the table below.	21-109260	PAR 5 HAP Hip - Acetabular Shell - 60 MM	All lots expiring prior to <b>February 28, 2028</b> , plus the lots listed in the table below.
104212	HAP Mallory Head Fem Stem - 12 X 165 MM		21-109264	PAR 5 HAP Hip - Acetabular Shell - 64 MM	
104215	HAP Mallory Head Fem Stem - 15 X 180 MM		21-109268	PAR 5 HAP Hip - Acetabular Shell - 68 MM	
11-162809	Bio-Groove Fem Stem - 9 MM		21-109272	PAR 5 HAP Hip - Acetabular Shell - 72 MM	
11-162810	Bio-Groove Fem Stem - 10 MM		21-123202	Taperloc Hip Lateralized Fem Stem - 7.5 X 135 MM	
11-162811	Bio-Groove Fem Stem - 11 MM		21-123203	Taperloc Hip Lateralized Fem Stem - 9 X 137 MM	
11-162813	Bio-Groove Fem Stem - 13 MM		21-123204	Taperloc Hip Lateralized Fem Stem - 10 X 140 MM	
21-103202	Taperloc Hip Standard Fem Stem - 7.5 X 135 MM		21-123205	Taperloc Hip Lateralized Fem Stem - 11 X 142 MM	
21-103203	Taperloc Hip Standard Fem Stem - 9 X 137 MM		21-123206	Taperloc Hip Lateralized Fem Stem - 12.5 X 145 MM	
21-103204	Taperloc Hip Standard Fem Stem - 10 X 140MM		21-123207	Taperloc Hip Lateralized Fem Stem - 13.5 X 147 MM	
21-103205	Taperloc Hip Standard Fem Stem - 11 X 142 MM		21-123208	Taperloc Hip Lateralized Fem Stem - 15 X 150 MM	
21-103206	Taperloc Hip Standard Fem Stem - 12.5 X 145 MM		21-123209	Taperloc Hip Lateralized Fem Stem - 17.5 X 155 MM	



21-103207	Taperloc Hip Standard Fem Stem - 13.5 X 147 MM	All lots expiring prior to <b>February 28, 2028</b> , plus the lots listed in the table below.	21-123210	Taperloc Hip Lateralized Fem Stem - 20 X 160 MM	All lots expiring prior to <b>February 28, 2028</b> , plus the lots listed in the table below.
21-103208	Taperloc Hip Standard Fem Stem - 15 X 150 MM		21-123211	Taperloc Hip Lateralized Fem Stem - 22.5 X 165 MM	
21-103209	Taperloc Hip Standard Fem Stem - 17.5 X 155 MM		21-123212	Taperloc Hip Lateralized Fem Stem - 25 X 170 MM	
21-103210	Taperloc Hip Standard Fem Stem - 20 X 160 MM		21-124309	Mallory-Head Hip Lateralized Fem Stem - 9 X 150 MM	
21-103211	Taperloc Hip Standard Fem Stem - 22.5 X 165 MM		21-124310	Mallory-Head Hip Lateralized Fem Stem - 10 X 155 MM	
21-103212	Taperloc Hip Standard Fem Stem - 25 X 17 MM		21-124311	Mallory-Head Hip Lateralized Fem Stem - 11 X 160 MM	
21-103215	Taperloc Hip Standard Fem Stem - 16 X 152 MM		21-124312	Mallory-Head Hip Lateralized Fem Stem - 12 X 165 MM	
21-104109	Mallory-Head Hip Standard Fem Stem - 9 X 150 MM		21-124313	Mallory-Head Hip Lateralized Fem Stem - 13 X 170 MM	
21-104110	Mallory-Head Hip Standard Fem Stem - 10 X 155 MM		21-124314	Mallory-Head Hip Lateralized Fem Stem - 14 X 175 MM	
21-104111	Mallory-Head Hip Standard Fem Stem - 11 X 160 MM		21-124315	Mallory-Head Hip Lateralized Fem Stem - 15 X 180 MM	
21-104112	Mallory-Head Hip Standard Fem Stem - 12 X 165 MM		21-124316	Mallory-Head Hip Lateralized Fem Stem - 16 X 180 MM	
21-104113	Mallory-Head Hip Standard Fem Stem - 13 X 170 MM		21-124317	Mallory-Head Hip Lateralized Fem Stem - 17 X 180 MM	
21-104114	Mallory-Head Hip Standard Fem Stem - 14 X 175 MM		US157338	Recap Hip Pres Fit Resurfacing Head - 38 MM	
21-104115	Mallory-Head Hip Standard Fem Stem - 15 X 180 MM		US157340	Recap Hip Pres Fit Resurfacing Head - 40 MM	
21-104116	Mallory-Head Hip Standard Fem Stem - 16 X 180 MM		US157342	Recap Hip Pres Fit Resurfacing Head - 42 MM	
21-104117	Mallory-Head Hip Standard Fem Stem - 17 X 180 MM		US157344	Recap Hip Pres Fit Resurfacing Head - 44 MM	
21-104118	Mallory-Head Hip Standard Fem Stem - 18 X 180 MM		US157346	Recap Hip Pres Fit Resurfacing Head - 46 MM	
21-104119	Mallory-Head Hip Standard Fem Stem - 19 X 180 MM		US157348	Recap Hip Pres Fit Resurfacing Head - 48 MM	
21-108110	Mallory-Head Hip Modular Proximal Segment - 34A		US157350	Recap Hip Pres Fit Resurfacing Head - 50 MM	
21-108112	Mallory-Head Hip Modular Proximal Segment - 34B		US157352	Recap Hip Pres Fit Resurfacing Head - 52 MM	
21-108115	Mallory-Head Hip Modular Proximal Segment - 34C		US157354	Recap Hip Pres Fit Resurfacing Head - 54 MM	
21-108117	Mallory-Head Hip Modular Proximal Segment - 34D		US157356	Recap Hip Pres Fit Resurfacing Head - 56 MM	
21-108119	Mallory-Head Hip Modular Proximal Segment - 34E		US157358	Recap Hip Pres Fit Resurfacing Head - 58 MM	
21-108130	Mallory-Head Hip Modular Proximal Segment - 45A		US157360	Recap Hip Pres Fit Resurfacing Head - 60 MM	
21-108132	Mallory-Head Hip Modular Proximal Segment - 45B		X21-180307	Bi-Metric X-Series Standard Fem Stem - 7 MM	
21-108135	Mallory-Head Hip Modular Proximal Segment - 45C		X21-180308	Bi-Metric X-Series Standard Fem Stem - 8 MM	
21-108137	Mallory-Head Hip Modular Proximal Segment - 45D		X21-180309	Bi-Metric X-Series Standard Fem Stem - 9 MM	
21-108139	Mallory-Head Hip Modular Proximal Segment - 45E		X21-180310	Bi-Metric X-Series Standard Fem Stem - 10 MM	

21-108150	Mallory-Head Hip Modular Proximal Segment - 55A	All lots expiring prior to <b>February 28, 2028</b> , plus the lots listed in the table below.	X21-180311	Bi-Metric X-Series Standard Fem Stem - 11 MM	All lots expiring prior to <b>February 28, 2028</b> , plus the lots listed in the table below.						
21-108152	Mallory-Head Hip Modular Proximal Segment - 55B		X21-180312	Bi-Metric X-Series Standard Fem Stem - 12 MM							
21-108155	Mallory-Head Hip Modular Proximal Segment - 55C		X21-180313	Bi-Metric X-Series Standard Fem Stem - 13 MM							
21-108157	Mallory-Head Hip Modular Proximal Segment - 55D		X21-180314	Bi-Metric X-Series Standard Fem Stem - 14 MM							
21-108159	Mallory-Head Hip Modular Proximal Segment - 55E		X21-180315	Bi-Metric X-Series Standard Fem Stem - 15 MM							
21-108251	Mallory-Head Mod Distal Segment - 11 X 220 MM		X21-180316	Bi-Metric X-Series Standard Fem Stem - 16 MM							
21-108253	Mallory-Head Mod Distal Segment - 13 X 220 MM		X21-180317	Bi-Metric X-Series Standard Fem Stem - 17 MM							
21-108255	Mallory-Head Mod Distal Segment - 15 X 220 MM		X21-180318	Bi-Metric X-Series Standard Fem Stem - 18 MM							
21-108257	Mallory-Head Mod Distal Segment - 17 X 220 MM		X21-180319	Bi-Metric X-Series Standard Fem Stem - 19 MM							
21-108259	Mallory-Head Mod Distal Segment - 19 X 220 MM		X21-180320	Bi-Metric X-Series Standard Fem Stem - 20 MM							
21-108271	Mallory-Head Mod Distal Segment - 11 X 250 MM		X21-180321	Bi-Metric X-Series Standard Fem Stem - 21 MM							
21-108273	Mallory-Head Mod Distal Segment - 13 X 250 MM		X21-182308	Bi-Metric X-Series Lateralized Fem Stem - 8 MM							
21-108275	Mallory-Head Mod Distal Segment - 15 X 250 MM		X21-182309	Bi-Metric X-Series Lateralized Fem Stem - 9 MM							
21-108277	Mallory-Head Mod Distal Segment - 17 X 250 MM		X21-182310	Bi-Metric X-Series Lateralized Fem Stem - 10 MM							
21-108279	Mallory-Head Mod Distal Segment - 19 X 250 MM		X21-182311	Bi-Metric X-Series Lateralized Fem Stem - 11 MM							
21-108291	Reach Modular Hip - Proximal Body - Sz 1		X21-182312	Bi-Metric X-Series Lateralized Fem Stem - 12 MM							
21-108293	Reach Modular Hip - Proximal Body - Sz 2		X21-182313	Bi-Metric X-Series Lateralized Fem Stem - 13 MM							
21-108295	Reach Modular Hip - Proximal Body - Sz 3		X21-182314	Bi-Metric X-Series Lateralized Fem Stem - 14 MM							
21-108297	Reach Modular Hip - Proximal Body - Sz 4		X21-182315	Bi-Metric X-Series Lateralized Fem Stem - 15 MM							
21-108299	Reach Modular Hip - Proximal Body - Sz 5		X21-182316	Bi-Metric X-Series Lateralized Fem Stem - 16 MM							
21-108391	Reach Modular Hip Collared - Proximal Body - Sz 1		X21-182317	Bi-Metric X-Series Lateralized Fem Stem - 17 MM							
21-108393	Reach Modular Hip Collared - Proximal Body - Sz 2		X21-182318	Bi-Metric X-Series Lateralized Fem Stem - 18 MM							
21-108395	Reach Modular Hip Collared - Proximal Body - Sz 3		X21-182319	Bi-Metric X-Series Lateralized Fem Stem - 19 MM							
21-108397	Reach Modular Hip Collared - Proximal Body - Sz 4		X21-182320	Bi-Metric X-Series Lateralized Fem Stem - 20 MM							
21-108399	Reach Modular Hip Collared - Proximal Body - Sz 5		X21-182321	Bi-Metric X-Series Lateralized Fem Stem - 21 MM							
21-109256	PAR 5 HAP Hip - Acetabular Shell - 56 MM										
Item	Lot		Item	Lot		Item	Lot	Item	Lot	Item	Lot
21-103210	014960		21-123209	014870		21-124315	728750	US157352	519510	X21-180311	411550
21-104111	014970	21-124309	187080	21-124316	960750	US157352	522510	X21-180314	315000		
21-104112	517300	21-124309	847230	US157342	936990	US157352	522540	X21-182310	085270		





21-104113	014880	21-124310	126150	US157344	262060	US157352	762540	X21-182310	314980
21-104114	989630	21-124310	186950	US157344	593710	X21-180307	728070	X21-182310	459250
21-104115	014890	21-124310	728720	US157346	296920	X21-180309	085210	X21-182311	315010
21-108159	040530	21-124310	960710	US157346	522450	X21-180309	847390	X21-182311	459210
21-108159	833720	21-124311	728730	US157348	296950	X21-180310	085230	X21-182311	504450
21-108393	990870	21-124311	960720	US157348	780480	X21-180310	504370	X21-182313	542760
21-123205	707350	21-124312	847240	US157350	519470	X21-180310	847420	X21-182314	459190
21-123206	014720	21-124313	728760	US157350	519500	X21-180310	935400	X21-182316	781370
21-123207	177270	21-124314	149610	US157350	780500	X21-180311	085240	X21-182318	498380
21-123208	549040	21-124314	728740	US157352	297000				

**Knee Products**

Item	Description	Lots	Item	Description	Lots
178350	Compress Anti-Rotation Spindle - Extra Small - 400 lbs	All lots expiring prior to <b>February 28, 2028</b> , plus the lots listed in the table below.	178488	Compress Spindle - Large - 400 lbs	All lots expiring prior to <b>February 28, 2028</b> , plus the lots listed in the table below.
178351	Compress Anti-Rotation Spindle - Extra Small - 600 lbs		178496	Compress Spindle - Large - 600 lbs	
178352	Compress Anti-Rotation Spindle - Extra Small - 800 lbs		178504	Compress Spindle - Large - 800 lbs	
178353	Compress Anti-Rotation Spindle - Small - 400 lbs		178575	Compress Short Spindle - Small - 400 lbs	
178354	Compress Anti-Rotation Spindle - Small - 600 lbs		178576	Compress Short Spindle - Small - 600 lbs	
178355	Compress Anti-Rotation Spindle - Small - 800 lbs		178577	Compress Short Spindle - Small - 800 lbs	
178356	Compress Anti-Rotation Spindle - Large - 400 lbs		178578	Compress Short Spindle - Large - 400 lbs	
178357	Compress Anti-Rotation Spindle - Large - 600 lbs		178579	Compress Short Spindle - Large - 600 lbs	
178358	Compress Anti-Rotation Spindle - Large - 800 lbs		178580	Compress Short Spindle - Large - 800 lbs	
178359	Compress Anti-Rotation Spindle - Elliptical - 400 lbs		178730	Compress Short Spindle - Extra Small - 400 lbs	
178360	Compress Anti-Rotation Spindle - Elliptical - 600 lbs		178731	Compress Short Spindle - Extra Small - 600 lbs	
178361	Compress Anti-Rotation Spindle - Elliptical - 800 lbs		178732	Compress Short Spindle - Extra Small - 800 lbs	
178362	Compress Short Anti-Rotation Spindle - Extra Small - 400 lbs		178733	Compress Short Spindle - Elliptical - 400 lbs	
178363	Compress Short Anti-Rotation Spindle - Extra Small - 600 lbs		178734	Compress Short Spindle - Elliptical - 600 lbs	
178364	Compress Short Anti-Rotation Spindle - Extra Small - 800 lbs		178735	Compress Short Spindle - Elliptical - 800 lbs	
178365	Compress Short Anti-Rotation Spindle - Small - 400 lbs		178754	Compress Mini Taper Spindle - Extra Extra Small - 400 lbs	
178366	Compress Short Anti-Rotation Spindle - Small - 600 lbs		178755	Compress Mini Taper Spindle - Extra Extra Small - 600 lbs	
178367	Compress Short Anti-Rotation Spindle - Small - 800 lbs		178756	Compress Mini Taper Spindle - Extra Extra Small - 800 lbs	
178368	Compress Short Anti-Rotation Spindle - Large - 400 lbs		178757	Compress Mini Taper Spindle - Extra Small - 400 lbs	
178369	Compress Short Anti-Rotation Spindle - Large - 600 lbs		178758	Compress Mini Taper Spindle - Extra Small - 600 lbs	
178370	Compress Short Anti-Rotation Spindle - Large - 800 lbs	178759	Compress Mini Taper Spindle - Extra Small - 800 lbs		
178371	Compress Short Anti-Rotation	178784	Compress Short Mini Taper Spindle		



	Spindle - Elliptical - 400 lbs								
178372	Compress Short Anti-Rotation Spindle - Elliptical - 600 lbs	All lots expiring prior to <b>February 28, 2028</b> , plus the lots listed in the table below.		178785	- Extra Extra Small - 400 lbs	All lots expiring prior to <b>February 28, 2028</b> , plus the lots listed in the table below.			
178373	Compress Short Anti-Rotation Spindle - Elliptical - 800 lbs			178786	Compress Short Mini Taper Spindle - Extra Extra Small - 600 lbs				
178464	Compress Spindle - Small - 400 lbs			178787	Compress Short Mini Taper Spindle - Extra Small - 400 lbs				
178472	Compress Spindle - Small - 600 lbs			178788	Compress Short Mini Taper Spindle - Extra Small - 600 lbs				
178480	Compress Spindle - Small - 800 lbs			178789	Compress Short Mini Taper Spindle - Extra Small - 800 lbs				
Item	Lot	Item	Lot	Item	Lot	Item	Lot	Item	Lot
178350	977340	178356	156510	178360	814930	178365	975240	178370	311130
178355	297290	178357	952990	178360	897670	178366	795180	178373	415040
178355	407270	178358	098300	178361	242520	178367	636640	178472	151560
178355	667670	178358	706510	178361	711790	178368	900320	178504	842980
178355	706600	178358	889500	178364	711800	178369	384620	178732	415070
178355	767240	178359	897630						

**Trauma Products**

Item	Description	Lots	Item	Description	Lots
808200000	Hoffman Classic Wrist Fixator	All lots expiring prior to <b>February 28, 2023</b> , plus the lots listed in the table below.	HAA60-18040	DFS HA Cortical Tapered Screw - 180/40 MM	All lots expiring prior to <b>February 28, 2028</b> , plus the lots listed in the table below.
281001080	Ball Nose Guide Wire 3.0 MM x 80 CM	All lots expiring prior to <b>September 30, 2026</b> , plus the lots in the table listed below.	HAA60-18050	DFS HA Cortical Tapered Screw - 180/50 MM	
281001100	Ball Nose Guide Wire 3.0 MM x 100 CM		HAA60-18060	DFS HA Cortical Tapered Screw - 180/60 MM	
281017006	Ball Nose Guide Wire 2.0 MM x 70 CM		HAA60-18090	DFS HA Cortical Tapered Screw - 180/90 MM	
809222028	Guide Wire 2.2 MM X 711 MM		HAA60-20030	DFS HA Cortical Tapered Screw - 200/30 MM	
HAA60-09030	DFS HA Cortical Tapered Screw - 90/30 MM		HAA60-20040	DFS HA Cortical Tapered Screw - 200/40 MM	
HAA60-09040	DFS HA Cortical Tapered Screw - 90/40 MM	HAA60-20050	DFS HA Cortical Tapered Screw - 200/50 MM		
HAA60-10030	DFS HA Cortical Tapered Screw - 100/30 MM	HAA60-20060	DFS HA Cortical Tapered Screw - 200/60 MM		
HAA60-10040	DFS HA Cortical Tapered Screw - 100/40 MM	HAA60-20080	DFS HA Cortical Tapered Screw - 200/80 MM		
HAA60-11030	DFS HA Cortical Tapered Screw - 110/30 MM	HAA60-20090	DFS HA Cortical Tapered Screw - 200/90 MM		
HAA60-11040	DFS HA Cortical Tapered Screw - 110/40 MM	HAA60-22050	DFS HA Cortical Tapered Screw - 220/50 MM		
HAA60-11050	DFS HA Cortical Tapered Screw - 110/50 MM	HAA60-22060	DFS HA Cortical Tapered Screw - 220/60 MM		
HAA60-12040	DFS HA Cortical Tapered Screw - 120/40 MM	HAA60-25030	DFS HA Cortical Tapered Screw - 250/30 MM		
HAA60-12060	DFS HA Cortical Tapered Screw - 120/60 MM	HAA60-25040	DFS HA Cortical Tapered Screw - 250/40 MM		
HAA60-13030	DFS HA Cortical Tapered Screw - 130/30 MM	HAA60-25050	DFS HA Cortical Tapered Screw - 250/50 MM		
HAA60-13040	DFS HA Cortical Tapered Screw - 130/40 MM	HAA60-25060	DFS HA Cortical Tapered Screw - 250/60 MM		
HAA60-13050	DFS HA Cortical Tapered Screw - 130/50 MM	HAA60-30060	DFS HA Cortical Tapered Screw - 300/60 MM		

	Screw - 130/50 MM				Screw - 300/60 MM				
HAA60-13060	DFS HA Cortical Tapered Screw - 130/60 MM	All lots expiring prior to <b>February 28, 2028</b> , plus the lots listed in the table below.		HAB60-09030	DFS HA Cancellous Tapered Screw - 90/30 MM	All lots expiring prior to <b>February 28, 2028</b> , plus the lots listed in the table below.			
HAA60-13070	DFS HA Cortical Tapered Screw - 130/70 MM		HAB60-10030	DFS HA Cancellous Tapered Screw - 100/30 MM					
HAA60-14050	DFS HA Cortical Tapered Screw - 140/50 MM		HAB60-10040	DFS HA Cancellous Tapered Screw - 100/40 MM					
HAA60-14080	DFS HA Cortical Tapered Screw - 140/80 MM		HAB60-11040	DFS HA Cancellous Tapered Screw - 110/40 MM					
HAA60-14090	DFS HA Cortical Tapered Screw - 140/90 MM		HAB60-11050	DFS HA Cancellous Tapered Screw - 110/50 MM					
HAA60-15020	DFS HA Cortical Tapered Screw - 150/20 MM		HAB60-12040	DFS HA Cancellous Tapered Screw - 120/40 MM					
HAA60-15030	DFS HA Cortical Tapered Screw - 150/30 MM		HAB60-12060	DFS HA Cancellous Tapered Screw - 120/60 MM					
HAA60-15040	DFS HA Cortical Tapered Screw - 150/40 MM		HAB60-13040	DFS HA Cancellous Tapered Screw - 130/40 MM					
HAA60-15050	DFS HA Cortical Tapered Screw - 150/50 MM		HAB60-13050	DFS HA Cancellous Tapered Screw - 130/50 MM					
HAA60-15060	DFS HA Cortical Tapered Screw - 150/60 MM		HAB60-13060	DFS HA Cancellous Tapered Screw - 130/60 MM					
HAA60-16030	DFS HA Cortical Tapered Screw - 160/30 MM		HAB60-14050	DFS HA Cancellous Tapered Screw - 140/50 MM					
HAA60-16040	DFS HA Cortical Tapered Screw - 160/40 MM		HAB60-15060	DFS HA Cancellous Tapered Screw - 150/60 MM					
HAA60-16050	DFS HA Cortical Tapered Screw - 160/50 MM		HAB60-16070	DFS HA Cancellous Tapered Screw - 160/70 MM					
HAA60-16070	DFS HA Cortical Tapered Screw - 160/70 MM		HAB60-16090	DFS HA Cancellous Tapered Screw - 160/90 MM					
HAA60-16090	DFS HA Cortical Tapered Screw - 160/90 MM		HAB60-17080	DFS HA Cancellous Tapered Screw - 170/80 MM					
HAA60-17040	DFS HA Cortical Tapered Screw - 170/40 MM		HAB60-18010	DFS HA Cancellous Tapered Screw - 180/100 MM					
HAA60-17060	DFS HA Cortical Tapered Screw - 170/60 MM		HAB60-18090	DFS HA Cancellous Tapered Screw - 180/90 MM					
HAA60-17080	DFS HA Cortical Tapered Screw - 170/80 MM		HAB60-20080	DFS HA Cancellous Tapered Screw - 200/80 MM					
HAA60-18010	DFS HA Cortical Tapered Screw - 180/100 MM		HAB60-20090	DFS HA Cancellous Tapered Screw - 200/90 MM					
HAA60-18030	DFS HA Cortical Tapered Screw - 180/30 MM								
Item	Lot	Item	Lot	Item	Lot	Item	Lot	Item	Lot
HAA60-11030	001780	HAA60-13030	001990	HAA60-13040	717080	HAA60-15040	716960	HAA60-18040	716970
HAA60-11030	001800	HAA60-13030	002020	HAA60-13040	717090	HAA60-15040	717110	HAA60-18040	716980
HAA60-11030	001820	HAA60-13030	065490	HAA60-13040	717100	HAA60-15040	717120	HAA60-18040	716990
HAA60-11030	001830	HAA60-13030	152460	HAA60-13040	969830	HAA60-15040	969940	HAA60-18040	966180
HAA60-11030	001850	HAA60-13030	202700	HAA60-14050	966020	HAA60-15060	002280	HAA60-18040	966200
HAA60-11030	001870	HAA60-13030	671170	HAA60-15020	966040	HAA60-15060	966080	HAA60-18040	970110
HAA60-11030	316140	HAA60-13030	716880	HAA60-15030	002150	HAA60-15060	966090	HAA60-18050	970140
HAA60-11030	316180	HAA60-13030	716890	HAA60-15030	002200	HAA60-15060	966110	HAA60-18060	717000
HAA60-11030	316190	HAA60-13030	716900	HAA60-15030	966050	HAA60-15060	966130	HAA60-18060	966210
HAA60-11030	316210	HAA60-13030	716910	HAA60-15030	966060	HAA60-15060	966140	HAA60-20030	002340
HAA60-11030	716850	HAA60-13040	002040	HAA60-15040	002140	HAA60-15060	966150	HAA60-20030	966220
HAA60-11030	716860	HAA60-13040	002040R	HAA60-15040	002210	HAA60-15060	969950	HAA60-20030	970150
HAA60-11030	717020	HAA60-13040	002070	HAA60-15040	002230	HAA60-15060	969970	HAA60-20050	002370
HAA60-11030	717030	HAA60-13040	002070R	HAA60-15040	002260	HAA60-16040	002300	HAA60-20050	152420

HAA60-11030	717050	HAA60-13040	002120	HAA60-15040	316330	HAA60-16040	966160	HAA60-20050	717010
HAA60-11030	717060	HAA60-13040	065510	HAA60-15040	316340	HAA60-16040	966170	HAA60-20050	717130
HAA60-12040	966010	HAA60-13040	065530	HAA60-15040	316350	HAA60-16040	970000	HAA60-20050	966230
HAA60-13030	001880	HAA60-13040	152450	HAA60-15040	316390	HAA60-16040	970010	HAA60-22060	966250
HAA60-13030	001900	HAA60-13040	671260	HAA60-15040	716930	HAA60-18040	002320	HAA60-22060	966260
HAA60-13030	001920	HAA60-13040	671270	HAA60-15040	716940	HAA60-18040	065580	HAA60-25050	316520
HAA60-13030	001930	HAA60-13040	716920	HAA60-15040	716950	HAA60-18040	316440	HAA60-30060	316530
HAA60-13030	001970	HAA60-13040	717070						

### Patient Matched and Custom Products – Extremities

Item	Lot	Item	Lot	Item	Lot	Item	Lot	Item	Lot	Item	Lot
CP0000224	186970	CP562420	474060	PM0000613	152510	PM0001083	723620	PM555148	662230	PM555330	530260
CP0000291	589820	CP562431	443160	PM0000648	579400	PM0001086	368810	PM555150	830450	PM555333	603020
CP0000386	506800	CP562431	443870	PM0000673	241640	PM0001088	048170	PM555160	621790	PM555337	464490
CP561429	098150	PM0000027	663460	PM0000677	584570	PM0001099	920370	PM555202	738980	PM555338	872930
CP561430	098160	PM0000039	454530	PM0000683	955590	PM0001103	150630	PM555203	742200	PM555339	939060
CP561431	098170	PM0000049	909040	PM0000689	409850	PM0001129	784490	PM555209	393520	PM555340	138580
CP561432	098180	PM0000072	138470	PM0000691	469610	PM0001131	073790	PM555219	554930	PM555345	321680
CP561435	241310	PM0000097	191230	PM0000728	720740	PM0001147	558550	PM555222	728920	PM555346	330850
CP561442	551700	PM0000104	276590	PM0000767	544250	PM0001169	712160	PM555226	928170	PM555349	408070
CP561442	694060	PM0000117	729530	PM0000768	568500	PM0001195	831590	PM555227	236170	PM555350	443320
CP561449	885530	PM0000119	370630	PM0000777	162100	PM0001201	729400	PM555237	708210	PM555352	443740
CP561488	582640	PM0000121	934930	PM0000788	639710	PM0001212	881420	PM555245	202440	PM555353	542750
CP561489	669460	PM0000206	889540	PM0000797	419480	PM0001214	938090	PM555249	447570	PM555354	589950
CP561549	197000	PM0000208	228170	PM0000810	455550	PM0001236	539600	PM555250	892830	PM555356	576820
CP561569	047390	PM0000213	869970	PM0000846	457180	PM0001240	488260	PM555261	889870	PM555360	664030
CP561570	047400	PM0000235	929100	PM0000860	907020	PM0001272	538610	PM555262	126460	PM555366	556860
CP561571	047410	PM0000250	734450	PM0000865	537220	PM0001281	275460	PM555264	071070	PM555368	569280
CP561571	838570	PM0000252	734480	PM0000872	074050	PM0001283	578700	PM555269	348950	PM555374	014860
CP561571	869160	PM0000254	734550	PM0000878	618690	PM0001286	130640	PM555273	455300	PM555376	019360
CP561661	053330	PM0000289	136500	PM0000885	710300	PM0001312	612300	PM555274	667280	PM555390	207310
CP561690	222760	PM0000333	871360	PM0000892	715790	PM0001316	323120	PM555281	216810	PM555396	445600
CP561709	860410	PM0000334	956430	PM0000920	457660	PM0001339	545720	PM555283	675780	PM555397	146060
CP561710	860460	PM0000338	400370	PM0000945	385520	PM0001341	156070	PM555295	843970	PM555398	207810
CP561714	057730	PM0000366	358060	PM0000951	644290	PM0001342	159500	PM555296	098640	PM555404	297250
CP561715	057750	PM0000390	238180	PM0000960	099940	PM0001345	159760	PM555297	930850	PM555405	147270
CP561726	203030	PM0000422	548320	PM0000970	010420	PM0001370	708210	PM555299	026830	PM555407	510010
CP561727	203040	PM0000464	811110	PM0000993	800590	PM0001372	159790	PM555300	223770	PM555410	389150
CP561750	520000	PM0000499	751900	PM0000997	891800	PM0001377	929000	PM555303	215090	PM555412	709360
CP561790	224470	PM0000502	421470	PM0001000	018170	PM0001379	676790	PM555304	266940	PM555414	040510
CP561790	482850	PM0000504	443270	PM0001010	801690	PM0001410	676870	PM555305	198320	PM555418	823130
CP561861	823830	PM0000543	550620	PM0001016	020520	PM0001456	872840	PM555310	227170	PM555419	711170
CP561890	783270	PM0000545	550180	PM0001034	007740	PM0001464	659250	PM555314	108410	PM555420	660360
CP561891	783290	PM0000552	865800	PM0001036	315890	PM551063	929330	PM555315	108390	PM555422	370280
CP561968	099100	PM0000587	944240	PM0001043	891160	PM551075	666930	PM555317	869290	PM555425	667060
CP561968	438200	PM0000589	941750	PM0001045	150490	PM555137	998060	PM555319	966710	PM555426	781170
CP562154	975970	PM0000591	897960	PM0001047	783830	PM555140	584440	PM555322	982920	PM555570	258920
CP562289	920450	PM0000593	070320	PM0001057	512540	PM555141	584430	PM555324	109760	PM555571	273990
CP562304	547260	PM0000598	986350	PM0001064	991780	PM555144	665130	PM555325	130200	PM555572	408830
CP562385	607660	PM0000608	069910	PM0001081	943880	PM555147	653720				

### Patient Matched and Custom Products – Hips

Item	Lot	Item	Lot	Item	Lot	Item	Lot	Item	Lot	Item	Lot
CP0000969	864570	PM0000937	384350	PM155742	501980	PM156290	541890	PM156973	205300	PM157603	825570



CP161306	946320	PM0000975	768050	PM155746	499480	PM156292	559910	PM156974	205310	PM157604	682900
CP161307	946330	PM0000977	767860	PM155750	501080	PM156293	651520	PM156978	363110	PM157610	845100
CP161522	004120	PM0000984	300230	PM155751	252070	PM156303	628720	PM156980	328460	PM157611	786520
CP161560	004130	PM0000986	753730	PM155753	287710	PM156320	890550	PM156986	423080	PM157612	836780
CP161735	382410	PM0000987	752980	PM155756	316550	PM156329	033770	PM156990	598210	PM157613	811900
CP161741	584580	PM0000988	930110	PM155757	506520	PM156340	181590	PM156996	745960	PM157616	902760
CP161751	298790	PM0000989	930740	PM155761	439900	PM156343	264380	PM156997	573460	PM157623	001770
CP161752	300880	PM0000999	795930	PM155762	439910	PM156345	595260	PM156998	598200	PM157624	791170
CP161753	300890	PM0001022	061630	PM155767	662570	PM156351	730710	PM157005	597280	PM157625	078580
CP161768	191860	PM0001023	987060	PM155771	717680	PM156352	730730	PM157007	597290	PM157626	178630
CP161768	427270	PM0001024	920800	PM155774	131800	PM156356	638920	PM157008	613830	PM157628	902980
CP161768	848300	PM0001025	342330	PM155780	332880	PM156357	850570	PM157010	725610	PM157629	049800
CP161768	991750	PM0001026	921860	PM155781	272760	PM156358	757020	PM157017	745970	PM157630	953500
CP161793	817000	PM0001049	928780	PM155785	484190	PM156362	774020	PM157018	058140	PM157635	013780
CP161795	419980	PM0001056	042730	PM155789	463650	PM156363	996770	PM157022	834140	PM157636	052840
CP161831	788490	PM0001061	177330	PM155791	522510	PM156377	129830	PM157024	907970	PM157640	990450
CP161867	522500	PM0001072	007160	PM155792	579190	PM156382	186880	PM157026	907980	PM157641	090680
CP162006	464300	PM0001075	243500	PM155793	621700	PM156384	109830	PM157029	123540	PM157657	179770
CP162006	683450	PM0001077	137120	PM155795	697680	PM156387	129730	PM157031	185340	PM157660	196980
CP162007	008870	PM0001078	137250	PM155804	873140	PM156388	186690	PM157042	171930	PM157661	528650
CP162007	626900	PM0001080	063370	PM155806	937040	PM156390	398110	PM157043	171940	PM157670	403790
CP162007	683480	PM0001091	374430	PM155808	978470	PM156391	354670	PM157048	394320	PM157672	345970
CP162008	037200	PM0001098	437560	PM155809	001920	PM156392	354680	PM157053	339730	PM157682	529630
CP162008	741190	PM0001111	178950	PM155812	088530	PM156393	525900	PM157054	414760	PM157683	737810
CP162008	973170	PM0001112	246960	PM155813	131750	PM156397	143330	PM157058	505080	PM157685	569430
CP162013	003870	PM0001113	244660	PM155815	131760	PM156402	529300	PM157060	458730	PM157686	581310
CP162017	130810	PM0001114	245070	PM155818	741930	PM156403	740890	PM157062	458790	PM157692	651380
CP162017	399780	PM0001117	022960	PM155820	295690	PM156405	525940	PM157067	645390	PM157697	722950
CP162055	785350	PM0001121	283280	PM155823	295700	PM156406	511240	PM157092	880920	PM157700	655330
CP162084	430770	PM0001126	301000	PM155825	668770	PM156409	653380	PM157093	095490	PM157702	769750
CP162084	829750	PM0001128	281870	PM155828	699860	PM156410	653390	PM157098	113270	PM157704	746920
CP162085	780360	PM0001135	342380	PM155829	699870	PM156429	084780	PM157101	897650	PM157711	875070
CP162086	780400	PM0001137	465350	PM155840	177790	PM156430	084800	PM157116	193000	PM157719	902470
CP162121	006930	PM0001143	762840	PM155841	077160	PM156431	062800	PM157118	224710	PM157723	010560
CP162121	212340	PM0001145	122100	PM155842	077170	PM156434	932260	PM157139	699400	PM157724	979480
CP162121	427250	PM0001146	557830	PM155843	077180	PM156435	368050	PM157142	304830	PM157725	019450
CP162149	063830	PM0001151	925710	PM155847	207950	PM156438	033660	PM157146	334620	PM157727	893790
CP162150	064580	PM0001158	494530	PM155849	167020	PM156444	328010	PM157161	404800	PM157737	961370
CP162453	445750	PM0001159	518910	PM155850	208710	PM156448	271590	PM157162	404790	PM157742	101010
CP162487	490540	PM0001160	557020	PM155854	531770	PM156453	339610	PM157163	586790	PM157744	420210
CP162527	993180	PM0001161	720320	PM155857	537650	PM156457	414870	PM157165	586800	PM157747	117440
CP162528	425180	PM0001163	680170	PM155860	600430	PM156457	422190	PM157166	475630	PM157754	152770
CP162529	017400	PM0001164	696740	PM155863	719500	PM156458	401010	PM157167	586830	PM157755	176270
CP162540	341320	PM0001167	506410	PM155867	737150	PM156460	505180	PM157175	699240	PM157762	137800
CP162541	341340	PM0001168	932610	PM155868	666770	PM156474	792680	PM157176	699300	PM157764	235260
CP162547	806420	PM0001171	291120	PM155871	822250	PM156477	774530	PM157191	916100	PM157765	235010
CP162548	977930	PM0001172	931330	PM155872	797840	PM156478	605120	PM157193	476890	PM157766	375690
PM0000020	544110	PM0001173	023240	PM155879	857460	PM156485	747740	PM157196	921860	PM157767	232930
PM0000060	017120	PM0001179	837160	PM155882	912610	PM156489	782820	PM157201	021720	PM157768	281420
PM0000062	053580	PM0001192	601970	PM155887	920050	PM156492	927720	PM157203	998550	PM157769	318280
PM0000067	081730	PM0001200	685590	PM155890	081280	PM156497	042360	PM157204	115360	PM157771	286080
PM0000076	194530	PM0001205	874190	PM155892	038760	PM156501	921900	PM157209	130450	PM157773	420270
PM0000105	209030	PM0001206	919950	PM155893	056070	PM156510	106190	PM157249	275620	PM157777	473900
PM0000130	396670	PM0001207	574740	PM155894	041270	PM156511	114500	PM157257	275770	PM157781	373430
PM0000143	376930	PM0001210	727120	PM155895	041300	PM156520	242260	PM157258	327840	PM157783	373390



PM0000154	274450	PM0001225	920470	PM155897	114630	PM156529	589260	PM157259	486190	PM157788	588610
PM0000176	936450	PM0001226	926030	PM155903	236430	PM156532	419000	PM157260	370170	PM157790	420300
PM0000179	287200	PM0001227	279970	PM155905	451490	PM156533	605100	PM157266	458400	PM157794	571090
PM0000220	666430	PM0001229	920760	PM155909	468180	PM156539	244530	PM157267	397420	PM157795	496780
PM0000224	525860	PM0001234	932730	PM155913	571610	PM156544	605110	PM157269	397430	PM157796	589610
PM0000230	705110	PM0001249	932330	PM155922	676460	PM156546	645490	PM157274	771690	PM157797	589940
PM0000232	937130	PM0001262	070290	PM155926	798870	PM156551	703660	PM157292	925250	PM157798	656120
PM0000256	680700	PM0001265	517200	PM155927	798890	PM156560	848700	PM157298	725110	PM157799	612360
PM0000293	968810	PM0001279	122120	PM155928	721040	PM156561	848710	PM157307	883800	PM157800	608620
PM0000300	387410	PM0001288	123190	PM155929	721050	PM156563	926110	PM157322	976060	PM157801	779010
PM0000301	185920	PM0001289	122290	PM155933	795130	PM156565	865520	PM157332	069230	PM157802	937270
PM0000310	760180	PM0001290	518370	PM155938	015290	PM156567	877990	PM157339	211030	PM157808	779480
PM0000313	836330	PM0001291	401780	PM155939	040310	PM156570	878000	PM157340	202310	PM157809	833440
PM0000329	170300	PM0001292	123110	PM155940	149940	PM156572	921610	PM157349	210230	PM157812	127670
PM0000336	568660	PM0001297	703760	PM155942	130740	PM156573	936850	PM157351	242860	PM157816	110500
PM0000345	012210	PM0001298	518060	PM155945	188450	PM156578	997350	PM157352	841780	PM157818	798890
PM0000354	023100	PM0001299	517650	PM155947	266970	PM156584	142950	PM157356	273610	PM157823	158540
PM0000357	505410	PM0001300	730550	PM155948	267000	PM156589	157100	PM157360	242850	PM157824	991760
PM0000358	069360	PM0001305	604630	PM155950	225720	PM156592	316210	PM157367	368990	PM157827	196320
PM0000359	016170	PM0001306	255810	PM155952	347890	PM156595	233300	PM157368	374770	PM157832	125050
PM0000369	020940	PM0001311	526920	PM155963	532920	PM156596	233310	PM157380	527260	PM157839	275720
PM0000378	315770	PM0001318	280010	PM155965	404080	PM156597	314680	PM157381	527270	PM157853	295510
PM0000384	011200	PM0001334	564390	PM155972	576770	PM156603	304580	PM157384	641650	PM157861	439040
PM0000387	070460	PM0001337	678570	PM155974	605350	PM156604	292130	PM157388	602070	PM157876	799840
PM0000399	286390	PM0001374	760430	PM155979	700740	PM156605	292140	PM157390	602080	PM157888	889870
PM0000414	286450	PM0001402	973010	PM155982	820600	PM156609	305470	PM157392	665760	PM157890	925620
PM0000416	286550	PM0001412	845140	PM155983	771190	PM156610	305500	PM157399	664770	PM157901	728730
PM0000433	278110	PM0001415	845150	PM155986	811880	PM156620	410790	PM157405	737020	PM157909	050470
PM0000435	385380	PM0001427	620300	PM155988	919320	PM156632	516870	PM157407	988720	PM157914	919740
PM0000442	170910	PM0001433	811230	PM155989	165760	PM156641	508060	PM157410	673650	PM157917	135220
PM0000450	438780	PM0001472	936700	PM155991	984840	PM156643	516880	PM157420	919710	PM157919	091600
PM0000453	601270	PM0001477	943830	PM155993	008820	PM156656	570990	PM157428	919080	PM157920	076460
PM0000458	332010	PM0001483	944080	PM155997	061710	PM156663	621270	PM157430	922610	PM157932	275880
PM0000484	420330	PM0001505	580730	PM155998	095540	PM156666	670560	PM157435	987770	PM157933	276900
PM0000493	506680	PM103137	528640	PM156000	092170	PM156668	663140	PM157441	150390	PM157934	352100
PM0000494	333180	PM155580	536290	PM156002	161640	PM156674	810210	PM157444	260090	PM157935	244810
PM0000500	386280	PM155590	784330	PM156004	385010	PM156675	810230	PM157450	739560	PM157938	277320
PM0000506	490720	PM155591	025100	PM156005	385020	PM156676	799700	PM157453	114740	PM157943	687150
PM0000513	589430	PM155592	047250	PM156007	161870	PM156680	822110	PM157455	151740	PM157950	466780
PM0000516	590880	PM155594	884490	PM156008	161760	PM156681	822120	PM157456	153040	PM157951	468560
PM0000525	749240	PM155595	884450	PM156012	287220	PM156682	991420	PM157459	246700	PM157952	532110
PM0000536	748550	PM155602	116430	PM156031	979370	PM156684	868980	PM157460	236700	PM157953	532980
PM0000549	939390	PM155603	116440	PM156035	402680	PM156688	905650	PM157461	260200	PM157958	526330
PM0000560	695890	PM155604	134510	PM156038	479220	PM156691	216230	PM157463	237190	PM157961	687820
PM0000563	681930	PM155610	258630	PM156039	517460	PM156692	121180	PM157464	261430	PM157965	764020
PM0000566	155730	PM155612	256320	PM156041	529580	PM156693	140230	PM157470	548940	PM157973	700780
PM0000567	809270	PM155615	382200	PM156043	549110	PM156698	108430	PM157472	312780	PM157974	589930
PM0000573	862060	PM155616	382210	PM156044	555310	PM156700	211580	PM157473	322770	PM157978	634170
PM0000575	173380	PM155618	382190	PM156047	650230	PM156704	167600	PM157475	354210	PM157979	667240
PM0000578	940830	PM155623	527490	PM156048	650240	PM156705	198460	PM157476	376430	PM157981	105930
PM0000584	862140	PM155630	691640	PM156051	978710	PM156713	167610	PM157480	429750	PM157982	766960
PM0000601	829020	PM155635	794330	PM156060	888690	PM156718	017680	PM157481	378840	PM157986	766240
PM0000604	909350	PM155638	879710	PM156061	011170	PM156803	276040	PM157486	498850	PM157988	781450
PM0000607	908670	PM155640	925800	PM156072	533350	PM156814	436950	PM157487	500860	PM157994	864430
PM0000610	039790	PM155641	925810	PM156079	129270	PM156821	450140	PM157489	508820	PM157999	866540



PM0000635	433010	PM155643	009120	PM156085	214490	PM156829	660640	PM157496	677760	PM158009	562130
PM0000645	160530	PM155644	014170	PM156092	487550	PM156830	675490	PM157497	801240	PM158012	102630
PM0000660	098820	PM155646	040610	PM156095	435600	PM156831	544860	PM157498	551840	PM158013	143070
PM0000670	156710	PM155650	062690	PM156101	533360	PM156834	690080	PM157499	051130	PM158020	156950
PM0000679	262940	PM155653	125300	PM156104	622070	PM156840	690100	PM157500	680350	PM158021	093010
PM0000687	196960	PM155654	125290	PM156110	834050	PM156841	866620	PM157505	615350	PM158031	005400
PM0000702	360480	PM155656	164870	PM156116	059590	PM156843	750010	PM157506	677860	PM158032	077370
PM0000708	925090	PM155660	328050	PM156132	187110	PM156844	837960	PM157513	677870	PM158036	417450
PM0000712	417220	PM155662	386200	PM156133	223840	PM156847	846930	PM157517	883970	PM158037	101920
PM0000713	408480	PM155663	386570	PM156143	334000	PM156850	147100	PM157518	825130	PM158039	270400
PM0000731	902930	PM155663	575390	PM156147	359350	PM156851	005850	PM157524	020430	PM158045	162390
PM0000757	589440	PM155677	582360	PM156154	780870	PM156875	402940	PM157527	613030	PM158046	161540
PM0000760	435060	PM155678	632470	PM156165	883440	PM156876	147110	PM157529	072110	PM158049	333750
PM0000771	887060	PM155685	778320	PM156166	863930	PM156877	147120	PM157530	217050	PM158054	232750
PM0000774	887090	PM155686	778330	PM156173	863970	PM156878	147130	PM157533	072740	PM158067	752240
PM0000784	591130	PM155687	778340	PM156184	064550	PM156882	153480	PM157538	073990	PM158072	336130
PM0000804	673820	PM155694	889980	PM156188	112000	PM156891	248270	PM157539	051110	PM158073	395050
PM0000808	946230	PM155698	036600	PM156192	186030	PM156896	299760	PM157540	692970	PM158074	332830
PM0000816	946640	PM155702	094650	PM156193	191850	PM156900	331150	PM157541	605180	PM158079	622310
PM0000818	789410	PM155710	209370	PM156197	211790	PM156905	439000	PM157550	196320	PM158080	577210
PM0000819	790470	PM155711	209350	PM156205	333780	PM156907	421570	PM157563	412190	PM158081	561110
PM0000825	793740	PM155712	145390	PM156207	269670	PM156908	421560	PM157564	287810	PM158093	556010
PM0000830	946730	PM155715	195790	PM156219	418950	PM156922	539170	PM157565	389180	PM158095	560130
PM0000833	062750	PM155717	326450	PM156235	733980	PM156931	766990	PM157581	610610	PM158100	072480
PM0000834	806980	PM155724	528540	PM156236	733990	PM156939	806980	PM157582	618540	PM158102	833190
PM0000850	159400	PM155725	584750	PM156244	947750	PM156948	830690	PM157585	618930	PM158103	877420
PM0000888	615310	PM155727	605400	PM156248	947760	PM156955	950370	PM157586	615910	PM158107	694920
PM0000890	158490	PM155728	698970	PM156254	968360	PM156956	062360	PM157588	606240	PM158111	001770
PM0000896	083520	PM155730	816030	PM156266	179540	PM156959	950390	PM157589	613890	PM158226	084110
PM0000897	418750	PM155734	951270	PM156275	206450	PM156961	130760	PM157593	664400	PM158229	938860
PM0000911	665920	PM155737	952620	PM156280	389460	PM156969	311430	PM157595	732250	PM158231	986190
PM0000916	615650	PM155738	952590	PM156281	389510	PM156972	205290	PM157601	736180	PM158232	099590

Patient Matched and Custom Products – Knees

Item	Lot	Item	Lot	Item	Lot	Item	Lot	Item	Lot	Item	Lot
CP0000133	826490	CP102947	582720	CP114463	009630	CP115312	233430	CP115774	816490	CP116384	597460
CP0000338	487210	CP102947	589030	CP114472	545270	CP115313	197000	CP115814	595380	CP116463	227890
CP0000339	567500	CP102948	285620	CP114478	209340	CP115314	276260	CP115815	601710	CP116496	525350
CP0000340	568630	CP102948	535000	CP114495	425020	CP115314	620860	CP115816	601700	CP116532	868480
CP0000341	570100	CP111827	087590	CP114532	302010	CP115314	811220	CP115817	648400	CP162042	494290
CP0000342	570690	CP111827	805800	CP114561	977760	CP115314	997560	CP115818	601730	CP162043	494300
CP0000401	589550	CP112662	842140	CP114563	970270	CP115318	233270	CP115819	595820	CP162320	501430
CP0000505	364850	CP112663	408260	CP114605	671900	CP115319	278030	CP115820	600600	CP162525	080060
CP0000803	726280	CP112663	805780	CP114695	829600	CP115320	620910	CP115821	600810	CP162556	121770
CP0000804	721950	CP112663	842150	CP114756	487720	CP115320	811320	CP115822	636330	CP562146	544030
CP0001157	022340	CP112664	842160	CP114782	964110	CP115322	195230	CP115882	577580	CP562187	281380
CP0001271	544580	CP112674	904960	CP114783	983020	CP115322	997570	CP115893	051290	CP562199	684070
CP102940	324940	CP112674	941910	CP114928	184550	CP115357	489590	CP115894	015910	CP562219	566560
CP102941	132060	CP113771	047780	CP114928	369920	CP115358	489830	CP115911	359560	CP562326	251170
CP102942	549910	CP113777	193730	CP114933	239200	CP115359	490700	CP115975	172350	CP562416	464650
CP102942	827050	CP113778	193600	CP114987	442740	CP115360	490840	CP115976	030870	PM103016	745480
CP102943	090400	CP113782	256170	CP115008	403570	CP115362	503260	CP116012	247430	PM103022	767390
CP102943	149670	CP113783	256190	CP115048	960050	CP115363	503710	CP116051	597870	PM103060	924720
CP102943	549920	CP114083	783420	CP115049	054110	CP115371	963080	CP116088	331070	PM103092	699870
CP102944	119230	CP114090	899690	CP115050	054160	CP115375	958520	CP116089	332340	PM103107	321240

CP102944	458330	CP114111	465460	CP115077	009820	CP115378	126020	CP116204	224420	PM103108	392890
CP102944	549930	CP114112	465440	CP115165	398840	CP115462	677530	CP116205	191060	PM103110	323190
CP102944	827070	CP114118	448560	CP115165	408150	CP115464	489320	CP116206	251940	PM103111	323220
CP102945	218160	CP114138	453280	CP115166	401880	CP115500	280200	CP116214	444650	PM103124	977620
CP102946	027260	CP114148	092880	CP115209	781210	CP115563	725100	CP116247	928740	PM103125	977630
CP102946	484570	CP114213	507780	CP115211	763790	CP115703	418720	CP116271	390900	PM103126	977640
CP102946	528130	CP114388	103090	CP115212	763830	CP115704	481160	CP116272	390910	PM103127	977650
CP102947	179900	CP114436	588340	CP115307	537340	CP115772	122050	CP116325	110870	PM555768	635780

### Sample Products

Item	Description	Lot	Item	Description	Lot	Item	Description	Lot
11-114644S	Copeland Resurfacing Head - Sz 4 - Sample	042590	11-114664S	Copeland EAS Resurfacing Head - Sz 4 - Sample	294890	115330S	Base Plate Sample	594020
11-114644S		095980	11-114664S		304890	115330S		632620
11-114644S		179690	11-114664S		314410	115330S		636520
11-114644S		188710	11-114664S		381290	115330S		866600
11-114644S		191250	11-114664S		498860	115330S		901150
11-114644S		208030	11-114664S		498870	115331S		111240
11-114644S		251580	11-114664S	546180	115331S	139170		
11-114644S		304880	11-114664S	628730	115331S	145300		
11-114644S		314420	11-114664S	763910	115331S	173070		
11-114644S		374080	115330S	055540	115331S	173110		
11-114644S		374090	115330S	057740	115331S	371670		
11-114644S		406800	115330S	071660	115331S	670700		
11-114644S		478790	115330S	148330	115331S	670720		
11-114644S		478800	115330S	314590	115331S	670730		
11-114644S		646330	115330S	450760	115331S	670740		
11-114644S		907610	115330S	459590	115331S	874810		
11-114664S		086080	115330S	482030	178354S	461290		
11-114664S		Copeland EAS Resurfacing Head - Sz 4 - Sample	096000	115330S	550540	178354S	Compress Anti-Rotation Spindle - Small - 600 lbs - Sample	461320
11-114664S	134180		115330S	550550	178354S	461330		
11-114664S	208040		115330S	550560	178354S	807860		
11-114664S	251590		115330S	576500				