

i) izjava proizvajalca o kompatibilnosti  
ponujenih implantatov s slikanjem z  
magnetno resonanco

**DePuy International Ltd**

Number One  
White Rose Office Park  
Millshaw Park Lane  
Leeds LS11 0EA  
England

Tel: +44 (0)113 387 7800  
Fax: +44 (0)113 387 7890

**MRI SAFETY AND COMPATABILITY STATEMENT**

This is to confirm that below listed DePuy implants are compatible with MRI use with magnetic field power up to 3Tesla following the definition of MRI compatible given appendix X1 of ASTM 2503-08.

P.F.C.® SIGMA

Mobility

Pinnacle

Corail

Delta Extend


Ceramax

Articuleze

Marathon

Ceramax

Note ASTM have adopted new terminology to better define the status of devices. CEN have also used this in EN ISO 14630. The word Conditional is used in the latest documents. This change does not alter the safety of the devices which also meet the latest definitions. A rationale for the changes is given in the appendix of ASTM F 2503

  
K Brummitt

*18th October 2011*

Principal Research Engineer

18 October 2011

## MRI SAFETY AND COMPATABILITY EXPLANATION

IEC and ASTM describe the risks of interaction between MRI scanners and medical devices in by placing them into 3 categories. MRI safe – does not interact with the MRI fields eg an all alumina part. MRI conditional (formally called compatible) these interact with the MRI fields but do not compromise patient safety because the interactions are weak. MRI unsafe with a strong enough interaction to potentially harm a patient. The FDA guidance document also recognises these distinctions.

DePuy policy is test implants as complete joint assemblies since this is the realistic position. For this reason some parts such as ceramic heads are listed as MRI conditional as a result of being tested with metal stems to provide an overall assessment of the complete joint. IEC and ASTM require that at least one set of MRI test conditions are given that have been shown to be safe with the device(s). For DePuy implants this is:-

### *MR System:*

- 3-Tesla/128-MHz, Excite, Software 14X.M5, General Electric Healthcare, Milwaukee, WI; active-shielded, horizontal field scanner. The body radiofrequency (RF) coil was used to transmit and receive RF energy.

### *MRI Parameters:*

- Sequence Fast spin echo , TR 425-ms, TE 14-ms, Echo train length 4, Plane Axial, Flip angle 90-degrees, Bandwidth 16-kHz, Field of view 40-cm
- Matrix 256 x 256, Section thick 10-mm, Total slices 40, Transmitter gain 180, Scan Time 15:00 minutes

### *Static Magnetic Field:*

- Static magnetic field of 3-Tesla or less
- Maximum spatial gradient magnetic field of 720-Gauss/cm or less
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Testing followed the standards ASTM F 2502, ASTM 2213 and ASTM F 2182. Other scanners and or sequences may have also been tested on specific implants. No devices in the codes listed have been found unsafe in any DePuy test.

Therefore the following implants have been determined to be 3T conditional and meet the MRI requirements of EN ISO 14630 2009.

This applies to DePuy implants, specified in Appendix 1:



962113	P.F.C.* SIGMA PS STB RP GVF tibial Insert, size 2 15mm	P.F.C.* SIGMA	MS-RM75500 UHMWPE	ISO 5834 & ASTM F 694	R
962112	P.F.C.* SIGMA PS STB RP GVF tibial Insert, size 2 12,5mm	P.F.C.* SIGMA	MS-RM75500 UHMWPE	ISO 5834 & ASTM F 695	R
962111	P.F.C.* SIGMA PS STB RP GVF tibial Insert, size 2 10mm	P.F.C.* SIGMA	MS-RM75500 UHMWPE	ISO 5834 & ASTM F 696	R
962064	P.F.C.* SIGMA CR CVD RP GVF tibial insert, size 6 17mm	P.F.C.* SIGMA	MS-RM75500 UHMWPE	ISO 5834 & ASTM F 697	R
962063	P.F.C.* SIGMA CR CVD RP GVF tibial insert, size 6 15mm	P.F.C.* SIGMA	MS-RM75500 UHMWPE	ISO 5834 & ASTM F 698	R
962062	P.F.C.* SIGMA CR CVD RP GVF tibial insert, size 6 12,5mm	P.F.C.* SIGMA	MS-RM75500 UHMWPE	ISO 5834 & ASTM F 699	R
962061	P.F.C.* SIGMA CR CVD RP GVF tibial insert, size 6 10mm	P.F.C.* SIGMA	MS-RM75500 UHMWPE	ISO 5834 & ASTM F 700	R
962054	P.F.C.* SIGMA CR CVD RP GVF tibial insert, size 5 17mm	P.F.C.* SIGMA	MS-RM75500 UHMWPE	ISO 5834 & ASTM F 701	R
962053	P.F.C.* SIGMA CR CVD RP GVF tibial insert, size 5 15mm	P.F.C.* SIGMA	MS-RM75500 UHMWPE	ISO 5834 & ASTM F 702	R
962052	P.F.C.* SIGMA CR CVD RP GVF tibial insert, size 5 12,5mm	P.F.C.* SIGMA	MS-RM75500 UHMWPE	ISO 5834 & ASTM F 703	R
962051	P.F.C.* SIGMA CR CVD RP GVF tibial insert, size 5 10mm	P.F.C.* SIGMA	MS-RM75500 UHMWPE	ISO 5834 & ASTM F 704	R
962043	P.F.C.* SIGMA CR CVD RP GVF tibial insert, size 4 15mm	P.F.C.* SIGMA	MS-RM75500 UHMWPE	ISO 5834 & ASTM F 705	R
962042	P.F.C.* SIGMA CR CVD RP GVF tibial insert, size 4 12,5mm	P.F.C.* SIGMA	MS-RM75500 UHMWPE	ISO 5834 & ASTM F 706	R
962041	P.F.C.* SIGMA CR CVD RP GVF tibial insert, size 4 10mm	P.F.C.* SIGMA	MS-RM75500 UHMWPE	ISO 5834 & ASTM F 707	R
962034	P.F.C.* SIGMA CR CVD RP GVF tibial insert, size 3 17,5mm	P.F.C.* SIGMA	MS-RM75500 UHMWPE	ISO 5834 & ASTM F 708	R
962033	P.F.C.* SIGMA CR CVD RP GVF tibial insert, size 3 15mm	P.F.C.* SIGMA	MS-RM75500 UHMWPE	ISO 5834 & ASTM F 709	R
962032	P.F.C.* SIGMA CR CVD RP GVF tibial insert, size 3 12,5mm	P.F.C.* SIGMA	MS-RM75500 UHMWPE	ISO 5834 & ASTM F 710	R
962031	P.F.C.* SIGMA CR CVD RP GVF tibial insert, size 3 10mm	P.F.C.* SIGMA	MS-RM75500 UHMWPE	ISO 5834 & ASTM F 711	R
962024	P.F.C.* SIGMA CR CVD RP GVF tibial insert, size 2,5 17mm	P.F.C.* SIGMA	MS-RM75500 UHMWPE	ISO 5834 & ASTM F 712	R
962023	P.F.C.* SIGMA CR CVD RP GVF tibial insert, size 2,5 15mm	P.F.C.* SIGMA	MS-RM75500 UHMWPE	ISO 5834 & ASTM F 713	R
962022	P.F.C.* SIGMA CR CVD RP GVF tibial insert, size 2,5 12,5mm	P.F.C.* SIGMA	MS-RM75500 UHMWPE	ISO 5834 & ASTM F 714	R
962021	P.F.C.* SIGMA CR CVD RP GVF tibial insert, size 2,5 10mm	P.F.C.* SIGMA	MS-RM75500 UHMWPE	ISO 5834 & ASTM F 715	R
962014	P.F.C.* SIGMA CR CVD RP GVF tibial insert, size 2 17,5mm	P.F.C.* SIGMA	MS-RM75500 UHMWPE	ISO 5834 & ASTM F 716	R
962013	P.F.C.* SIGMA CR CVD RP GVF tibial insert, size 2 15mm	P.F.C.* SIGMA	MS-RM75500 UHMWPE	ISO 5834 & ASTM F 717	R
962012	P.F.C.* SIGMA CR CVD RP GVF tibial insert, size 2 12,5mm	P.F.C.* SIGMA	MS-RM75500 UHMWPE	ISO 5834 & ASTM F 718	R
962011	P.F.C.* SIGMA CR CVD RP GVF tibial insert, size 2 10mm	P.F.C.* SIGMA	MS-RM75500 UHMWPE	ISO 5834 & ASTM F 719	R
960103	P.F.C.* SIGMA Oval Dome patellar prosthesis 3 peg 41mm	P.F.C.* SIGMA	MS-RM75500	ISO 5834 & ASTM F 648	R
960103	P.F.C.* SIGMA Oval Dome patellar prosthesis 3 peg 41mm	P.F.C.* SIGMA	MS-RM75501	ISO 5834 & ASTM F 649	R
960102	P.F.C.* SIGMA Oval Dome patellar prosthesis 3 peg 38mm	P.F.C.* SIGMA	MS-RM75502	ISO 5834 & ASTM F 650	R
960102	P.F.C.* SIGMA Oval Dome patellar prosthesis 3 peg 38mm	P.F.C.* SIGMA	MS-RM75503	ISO 5834 & ASTM F 651	R
960101	P.F.C.* SIGMA Oval Dome patellar prosthesis 3 peg 35mm	P.F.C.* SIGMA	MS-RM75504	ISO 5834 & ASTM F 652	R
960101	P.F.C.* SIGMA Oval Dome patellar prosthesis 3 peg 35mm	P.F.C.* SIGMA	MS-RM75505	ISO 5834 & ASTM F 653	R
960100	P.F.C.* SIGMA Oval Dome patellar prosthesis 3 peg 32mm	P.F.C.* SIGMA	MS-RM75506	ISO 5834 & ASTM F 654	R
960100	P.F.C.* SIGMA Oval Dome patellar prosthesis 3 peg 32mm	P.F.C.* SIGMA	MS-RM75507	ISO 5834 & ASTM F 655	R
960018	P.F.C.* SIGMA CR non porous cemented femoral component right, size 2,5	P.F.C.* SIGMA	MS-RM75015 Cobalt Alloy	ASTM F 75 - 07	R
960017	P.F.C.* SIGMA CR non porous cemented femoral component right, size 1,5	P.F.C.* SIGMA	MS-RM75015 Cobalt Alloy	ASTM F 75 - 08	R
960016	P.F.C.* SIGMA CR non porous cemented femoral component right, size 6	P.F.C.* SIGMA	MS-RM75015 Cobalt Alloy	ASTM F 75 - 09	R
960015	P.F.C.* SIGMA CR non porous cemented femoral component right, size 5	P.F.C.* SIGMA	MS-RM75015 Cobalt Alloy	ASTM F 75 - 10	R
960014	P.F.C.* SIGMA CR non porous cemented femoral component right, size 4	P.F.C.* SIGMA	MS-RM75015 Cobalt Alloy	ASTM F 75 - 11	R
960013	P.F.C.* SIGMA CR non porous cemented femoral component right, size 3	P.F.C.* SIGMA	MS-RM75015 Cobalt Alloy	ASTM F 75 - 12	R
960012	P.F.C.* SIGMA CR non porous cemented femoral component right, size 2	P.F.C.* SIGMA	MS-RM75015 Cobalt Alloy	ASTM F 75 - 13	R
960008	P.F.C.* SIGMA CR non porous cemented femoral component left, size 2,5	P.F.C.* SIGMA	MS-RM75015 Cobalt Alloy	ASTM F 75 - 14	R
960007	P.F.C.* SIGMA CR non porous cemented femoral component left, size 1,5	P.F.C.* SIGMA	MS-RM75015 Cobalt Alloy	ASTM F 75 - 15	R
960006	P.F.C.* SIGMA CR non porous cemented femoral component left, size 6	P.F.C.* SIGMA	MS-RM75015 Cobalt Alloy	ASTM F 75 - 16	R

960005	P.F.C.* SIGMA CR non porous cemented femoral component left, size 5	P.F.C.* SIGMA	MS-RM75015 Alloy	Cobalt	ASTM F 75 - 17	R
960004	P.F.C.* SIGMA CR non porous cemented femoral component left, size 4	P.F.C.* SIGMA	MS-RM75015 Alloy	Cobalt	ASTM F 75 - 18	R
960003	P.F.C.* SIGMA CR non porous cemented femoral component left, size 3	P.F.C.* SIGMA	MS-RM75015 Alloy	Cobalt	ASTM F 75 - 19	R
960002	P.F.C.* SIGMA CR non porous cemented femoral component left, size 2	P.F.C.* SIGMA	MS-RM75015 Alloy	Cobalt	ASTM F 75 - 20	R
866029	P.F.C.* SIGMA Modular Ti Tibia tray, non porous, cemented, size 2,5	P.F.C.* SIGMA	MS-RM75015 Alloy	Cobalt	ASTM F 75 - 21	R
866029	P.F.C.* SIGMA Modular Ti Tibia tray, non porous, cemented, size 2,5	P.F.C.* SIGMA	MS-RM75015 Alloy	Cobalt	ASTM F 75 - 22	R
866027	P.F.C.* SIGMA Modular Ti Tibia tray, non porous, cemented, size 1,5	P.F.C.* SIGMA	MS-RM75015 Alloy	Cobalt	ASTM F 75 - 23	R
866027	P.F.C.* SIGMA Modular Ti Tibia tray, non porous, cemented, size 1,5	P.F.C.* SIGMA	MS-RM75015 Alloy	Cobalt	ASTM F 75 - 24	R
866026	P.F.C.* SIGMA Modular Ti Tibia tray, non porous, cemented, size 6	P.F.C.* SIGMA	MS-RM75015 Alloy	Cobalt	ASTM F 75 - 25	R
866026	P.F.C.* SIGMA Modular Ti Tibia tray, non porous, cemented, size 6	P.F.C.* SIGMA	MS-RM75015 Alloy	Cobalt	ASTM F 75 - 26	R
866025	P.F.C.* SIGMA Modular Ti Tibia tray, non porous, cemented, size 5	P.F.C.* SIGMA	MS-RM75015 Alloy	Cobalt	ASTM F 75 - 27	R
866025	P.F.C.* SIGMA Modular Ti Tibia tray, non porous, cemented, size 5	P.F.C.* SIGMA	MS-RM75015 Alloy	Cobalt	ASTM F 75 - 28	R
866024	P.F.C.* SIGMA Modular Ti Tibia tray, non porous, cemented, size 4	P.F.C.* SIGMA	MS-RM75015 Alloy	Cobalt	ASTM F 75 - 29	R
866024	P.F.C.* SIGMA Modular Ti Tibia tray, non porous, cemented, size 4	P.F.C.* SIGMA	MS-RM75015 Alloy	Cobalt	ASTM F 75 - 30	R
866023	P.F.C.* SIGMA Modular Ti Tibia tray, non porous, cemented, size 3	P.F.C.* SIGMA	MS-RM75015 Alloy	Cobalt	ASTM F 75 - 31	R
866023	P.F.C.* SIGMA Modular Ti Tibia tray, non porous, cemented, size 3	P.F.C.* SIGMA	MS-RM75015 Alloy	Cobalt	ASTM F 75 - 32	R
866022	P.F.C.* SIGMA Modular Ti Tibia tray, non porous, cemented, size 2	P.F.C.* SIGMA	RM75-075 Titanium Aluminium Vanadium Alloy		ASTM F 136 and ASTM F620	R
866022	P.F.C.* SIGMA Modular Ti Tibia tray, non porous, cemented, size 2	P.F.C.* SIGMA	RM75-075 Titanium Aluminium Vanadium Alloy		ASTM F 136 and ASTM F621	R
860127	P.F.C.* SIGMA Modular plus Ti Tibia tray, non porous, cemented, size 2,5	P.F.C.* SIGMA	RM75-075 Titanium Aluminium Vanadium Alloy		ASTM F 136 and ASTM F622	R
860127	P.F.C.* SIGMA Modular plus Ti Tibia tray, non porous, cemented, size 2,5	P.F.C.* SIGMA	RM75-075 Titanium Aluminium Vanadium Alloy		ASTM F 136 and ASTM F623	R
860126	P.F.C.* SIGMA Modular plus Ti Tibia tray, non porous, cemented, size 1,5	P.F.C.* SIGMA	RM75-075 Titanium Aluminium Vanadium Alloy		ASTM F 136 and ASTM F624	R
860126	P.F.C.* SIGMA Modular plus Ti Tibia tray, non porous, cemented, size 1,5	P.F.C.* SIGMA	RM75-075 Titanium Aluminium Vanadium Alloy		ASTM F 136 and ASTM F625	R
860125	P.F.C.* SIGMA Modular plus Ti Tibia tray, non porous, cemented, size 5	P.F.C.* SIGMA	RM75-075 Titanium Aluminium Vanadium Alloy		ASTM F 136 and ASTM F626	R
860125	P.F.C.* SIGMA Modular plus Ti Tibia tray, non porous, cemented, size 5	P.F.C.* SIGMA	RM75-075 Titanium Aluminium Vanadium Alloy		ASTM F 136 and ASTM F627	R
860124	P.F.C.* SIGMA Modular plus Ti Tibia tray, non porous, cemented, size 4	P.F.C.* SIGMA	RM75-075 Titanium Aluminium Vanadium Alloy		ASTM F 136 and ASTM F628	R

860124	P.F.C.* SIGMA Modular plus Ti Tibia tray, non porous, cemented, size 4	P.F.C.* SIGMA	RM75-075 Titanium Aluminium Vanadium Alloy	ASTM F 136 and ASTM F629	R
860123	P.F.C.* SIGMA Modular plus Ti Tibia tray, non porous, cemented, size 3	P.F.C.* SIGMA	RM75-075 Titanium Aluminium Vanadium Alloy	ASTM F 136 and ASTM F630	R
860123	P.F.C.* SIGMA Modular plus Ti Tibia tray, non porous, cemented, size 3	P.F.C.* SIGMA	RM75-075 Titanium Aluminium Vanadium Alloy	ASTM F 136 and ASTM F631	R
860122	P.F.C.* SIGMA Modular plus Ti Tibia tray, non porous, cemented, size 2	P.F.C.* SIGMA	RM75-075 Titanium Aluminium Vanadium Alloy	ASTM F 136 and ASTM F632	R
860122	P.F.C.* SIGMA Modular plus Ti Tibia tray, non porous, cemented, size 2	P.F.C.* SIGMA	RM75-075 Titanium Aluminium Vanadium Alloy	ASTM F 136 and ASTM F633	R
129433160	P.F.C.* SIGMA 'MBT Tibial tray, non porous, cemented size 6	P.F.C.* SIGMA	RM101-21-001 Cobalt Alloy	ASTM F 75	R
129433160	P.F.C.* SIGMA 'MBT Tibial tray, non porous, cemented size 6	P.F.C.* SIGMA	RM101-21-001 Cobalt Alloy	ASTM F 76	R
129433150	P.F.C.* SIGMA 'MBT Tibial tray, non porous, cemented size 5	P.F.C.* SIGMA	RM101-21-001 Cobalt Alloy	ASTM F 77	R
129433150	P.F.C.* SIGMA 'MBT Tibial tray, non porous, cemented size 5	P.F.C.* SIGMA	RM101-21-001 Cobalt Alloy	ASTM F 78	R
129433140	P.F.C.* SIGMA 'MBT Tibial tray, non porous, cemented size 4	P.F.C.* SIGMA	RM101-21-001 Cobalt Alloy	ASTM F 79	R
129433140	P.F.C.* SIGMA 'MBT Tibial tray, non porous, cemented size 4	P.F.C.* SIGMA	RM101-21-001 Cobalt Alloy	ASTM F 80	R
129433130	P.F.C.* SIGMA 'MBT Tibial tray, non porous, cemented size 3	P.F.C.* SIGMA	RM101-21-001 Cobalt Alloy	ASTM F 81	R
129433130	P.F.C.* SIGMA 'MBT Tibial tray, non porous, cemented size 3	P.F.C.* SIGMA	RM101-21-001 Cobalt Alloy	ASTM F 82	R
129433125	P.F.C.* SIGMA 'MBT Tibial tray, non porous, cemented size 2,5	P.F.C.* SIGMA	RM101-21-001 Cobalt Alloy	ASTM F 83	R
129433125	P.F.C.* SIGMA 'MBT Tibial tray, non porous, cemented size 2,5	P.F.C.* SIGMA	RM101-21-001 Cobalt Alloy	ASTM F 84	R
129433120	P.F.C.* SIGMA 'MBT Tibial tray, non porous, cemented size 2	P.F.C.* SIGMA	RM101-21-001 Cobalt Alloy	ASTM F 85	R
129433120	P.F.C.* SIGMA 'MBT Tibial tray, non porous, cemented size 2	P.F.C.* SIGMA	RM101-21-001 Cobalt Alloy	ASTM F 86	R
955505611	Mobility™ Bearing Insert Size 6 11 mm	Mobility	IRM 400-00-002 UHMWPE	ISO 5834 & ASTM F 648	R
955505609	Mobility™ Bearing Insert Size 6 9 mm	Mobility	IRM 400-00-002 UHMWPE	ISO 5834 & ASTM F 649	R
955505607	Mobility™ Bearing Insert Size 6 7 mm	Mobility	IRM 400-00-002 UHMWPE	ISO 5834 & ASTM F 650	R
955505605	Mobility™ Bearing Insert Size 6 5 mm	Mobility	IRM 400-00-002 UHMWPE	ISO 5834 & ASTM F 651	R
955505603	Mobility™ Bearing Insert Size 6 3 mm	Mobility	IRM 400-00-002 UHMWPE	ISO 5834 & ASTM F 652	R
955505511	Mobility™ Bearing Insert Size 5 11mm	Mobility	IRM 400-00-002 UHMWPE	ISO 5834 & ASTM F 653	R
955505509	Mobility™ Bearing Insert Size 5 9mm	Mobility	IRM 400-00-002 UHMWPE	ISO 5834 & ASTM F 654	R
955505507	Mobility™ Bearing Insert Size 5 7mm	Mobility	IRM 400-00-002 UHMWPE	ISO 5834 & ASTM F 655	R
955505505	Mobility™ Bearing Insert Size 5 5mm	Mobility	IRM 400-00-002 UHMWPE	ISO 5834 & ASTM F 656	R
955505503	Mobility™ Bearing Insert Size 5 3mm	Mobility	IRM 400-00-002 UHMWPE	ISO 5834 & ASTM F 657	R

955505411	Mobility™ Bearing Insert Size 4 11mm	Mobility	IRM 400-00-002 UHMWPE	ISO 5834 & ASTM F 658	R
955505409	Mobility™ Bearing Insert Size 4 9mm	Mobility	IRM 400-00-002 UHMWPE	ISO 5834 & ASTM F 659	R
955505407	Mobility™ Bearing Insert Size 4 7mm	Mobility	IRM 400-00-002 UHMWPE	ISO 5834 & ASTM F 660	R
955505405	Mobility™ Bearing Insert Size 4 5mm	Mobility	IRM 400-00-002 UHMWPE	ISO 5834 & ASTM F 661	R
955505403	Mobility™ Bearing Insert Size 4 3mm	Mobility	IRM 400-00-002 UHMWPE	ISO 5834 & ASTM F 662	R
955505311	Mobility™ Bearing Insert Size 3 11 mm	Mobility	IRM 400-00-002 UHMWPE	ISO 5834 & ASTM F 663	R
955505309	Mobility™ Bearing Insert Size 3 9 mm	Mobility	IRM 400-00-002 UHMWPE	ISO 5834 & ASTM F 664	R
955505307	Mobility™ Bearing Insert Size 3 7 mm	Mobility	IRM 400-00-002 UHMWPE	ISO 5834 & ASTM F 665	R
955505305	Mobility™ Bearing Insert Size 3 5 mm	Mobility	IRM 400-00-002 UHMWPE	ISO 5834 & ASTM F 666	R
955505303	Mobility™ Bearing Insert Size 3 3 mm	Mobility	IRM 400-00-002 UHMWPE	ISO 5834 & ASTM F 667	R
955505211	Mobility™ Bearing Insert Size 2 11 mm	Mobility	IRM 400-00-002 UHMWPE	ISO 5834 & ASTM F 668	R
955505209	Mobility™ Bearing Insert Size 2 9 mm	Mobility	IRM 400-00-002 UHMWPE	ISO 5834 & ASTM F 669	R
955505207	Mobility™ Bearing Insert Size 2 7 mm	Mobility	IRM 400-00-002 UHMWPE	ISO 5834 & ASTM F 670	R
955505205	Mobility™ Bearing Insert Size 2 5 mm	Mobility	IRM 400-00-002 UHMWPE	ISO 5834 & ASTM F 671	R
955505203	Mobility™ Bearing Insert Size 2 3 mm	Mobility	IRM 400-00-002 UHMWPE	ISO 5834 & ASTM F 672	R
955505111	Mobility™ Bearing Insert Size 1 11 mm	Mobility	IRM 400-00-002 UHMWPE	ISO 5834 & ASTM F 673	R
955505109	Mobility™ Bearing Insert Size 1 9 mm	Mobility	IRM 400-00-002 UHMWPE	ISO 5834 & ASTM F 674	R
955505107	Mobility™ Bearing Insert Size 1 7 mm	Mobility	IRM 400-00-002 UHMWPE	ISO 5834 & ASTM F 675	R
955505105	Mobility™ Bearing Insert Size 1 5 mm	Mobility	IRM 400-00-002 UHMWPE	ISO 5834 & ASTM F 676	R
955505103	Mobility™ Bearing Insert Size 1 3 mm	Mobility	IRM 400-00-002 UHMWPE	ISO 5834 & ASTM F 677	R
955503006	Mobility™ Tibial - Size6	Mobility	IRM 101-21-001 Cobalt Alloy	ASTM F75-07	R
955503005	Mobility™ Tibial - Size5	Mobility	IRM 101-21-001 Cobalt Alloy	ASTM F75-08	R
955503004	Mobility™ Tibial - Size4	Mobility	IRM 101-21-001 Cobalt Alloy	ASTM F75-09	R
955503003	Mobility™ Tibial - Size3	Mobility	IRM 101-21-001 Cobalt Alloy	ASTM F75-10	R
955503002	Mobility™ Tibial - Size2	Mobility	IRM 101-21-001 Cobalt Alloy	ASTM F75-11	R
955503001	Mobility™ Tibial - Size1	Mobility	IRM 101-21-001 Cobalt Alloy	ASTM F75-12	R
955501006	Mobility™ Ankle Talus - Size 6	Mobility	IRM 101-21-001 Cobalt Alloy	ASTM F75-13	R
955501005	Mobility™ Ankle Talus - Size 5	Mobility	IRM 101-21-001 Cobalt Alloy	ASTM F75-14	R
955501004	Mobility™ Ankle Talus - Size 4	Mobility	IRM 101-21-001 Cobalt Alloy	ASTM F75-15	R
955501003	Mobility™ Ankle Talus - Size 3	Mobility	IRM 101-21-001 Cobalt Alloy	ASTM F75-16	R



955501002	Mobility™ Ankle Talus - Size 2	Mobility	IRM 101-21-001 Cobalt Alloy	ASTM F75-17	R
955501001	Mobility™ Ankle Talus - Size 1	Mobility	IRM 101-21-001 Cobalt Alloy	ASTM F75-18	R
196050600	P.F.C.* SIGMA PS non porous cemented femoral component, right, size 6	P.F.C.* SIGMA	MS 101-21-001 Cobalt Alloy	ASTM F 75	R
196050500	P.F.C.* SIGMA PS non porous cemented femoral component, right, size 5	P.F.C.* SIGMA	MS 101-21-001 Cobalt Alloy	ASTM F 76	R
196050450	P.F.C.* SIGMA PS non porous cemented femoral component, right, size 4N	P.F.C.* SIGMA	MS 101-21-001 Cobalt Alloy	ASTM F 77	R
196050400	P.F.C.* SIGMA PS non porous cemented femoral component, right, size 4	P.F.C.* SIGMA	MS 101-21-001 Cobalt Alloy	ASTM F 78	R
196050300	P.F.C.* SIGMA PS non porous cemented femoral component, right, size 3	P.F.C.* SIGMA	MS 101-21-001 Cobalt Alloy	ASTM F 79	R
196050250	P.F.C.* SIGMA PS non porous cemented femoral component, right, size 2,5	P.F.C.* SIGMA	MS 101-21-001 Cobalt Alloy	ASTM F 80	R
196050200	P.F.C.* SIGMA PS non porous cemented femoral component, right, size 2	P.F.C.* SIGMA	MS 101-21-001 Cobalt Alloy	ASTM F 81	R
196050150	P.F.C.* SIGMA PS non porous cemented femoral component, right, size 1,5	P.F.C.* SIGMA	MS 101-21-001 Cobalt Alloy	ASTM F 82	R
196040600	P.F.C.* SIGMA PS non porous cemented femoral component, left, size 6	P.F.C.* SIGMA	MS 101-21-001 Cobalt Alloy	ASTM F 83	R
196040500	P.F.C.* SIGMA PS non porous cemented femoral component, left, size 5	P.F.C.* SIGMA	MS 101-21-001 Cobalt Alloy	ASTM F 84	R
196040450	P.F.C.* SIGMA PS non porous cemented femoral component, left, size 4N	P.F.C.* SIGMA	MS 101-21-001 Cobalt Alloy	ASTM F 85	R
196040400	P.F.C.* SIGMA PS non porous cemented femoral component, left, size 4	P.F.C.* SIGMA	MS 101-21-001 Cobalt Alloy	ASTM F 86	R
196040300	P.F.C.* SIGMA PS non porous cemented femoral component, left, size 3	P.F.C.* SIGMA	MS 101-21-001 Cobalt Alloy	ASTM F 87	R
196040250	P.F.C.* SIGMA PS non porous cemented femoral component, left, size 2,5	P.F.C.* SIGMA	MS 101-21-001 Cobalt Alloy	ASTM F 88	R
196040200	P.F.C.* SIGMA PS non porous cemented femoral component, left, size 2	P.F.C.* SIGMA	MS 101-21-001 Cobalt Alloy	ASTM F 89	R
196040150	P.F.C.* SIGMA PS non porous cemented femoral component, left, size 1,5	P.F.C.* SIGMA	MS 101-21-001 Cobalt Alloy	ASTM F 90	R
196030600	P.F.C.* SIGMA CR150 non porous, cemented, right, size 6	P.F.C.* SIGMA	RM-75015 Cobalt Alloy	ASTM F 75	R
196030500	P.F.C.* SIGMA CR150 non porous, cemented, right, size 5	P.F.C.* SIGMA	RM-75015 Cobalt Alloy	ASTM F 76	R
196030450	P.F.C.* SIGMA CR150 non porous, cemented, right, size 4N	P.F.C.* SIGMA	RM-75015 Cobalt Alloy	ASTM F 77	R
196030400	P.F.C.* SIGMA CR150 non porous, cemented, right, size 4	P.F.C.* SIGMA	RM-75015 Cobalt Alloy	ASTM F 78	R
196030300	P.F.C.* SIGMA CR150 non porous, cemented, right, size 3	P.F.C.* SIGMA	RM-75015 Cobalt Alloy	ASTM F 79	R
196030250	P.F.C.* SIGMA CR150 non porous, cemented, right, size 2,5	P.F.C.* SIGMA	RM-75015 Cobalt Alloy	ASTM F 80	R
196030200	P.F.C.* SIGMA CR150 non porous, cemented, right, size 2	P.F.C.* SIGMA	RM-75015 Cobalt Alloy	ASTM F 81	R
196030150	P.F.C.* SIGMA CR150 non porous, cemented, right, size 1,5	P.F.C.* SIGMA	RM-75015 Cobalt Alloy	ASTM F 82	R
196020600	P.F.C.* SIGMA CR150 non porous, cemented, left, size 6	P.F.C.* SIGMA	RM-75015 Cobalt Alloy	ASTM F 83	R
196020500	P.F.C.* SIGMA CR150 non porous, cemented, left, size 5	P.F.C.* SIGMA	RM-75015 Cobalt Alloy	ASTM F 84	R
196020450	P.F.C.* SIGMA CR150 non porous, cemented, left, size 4N	P.F.C.* SIGMA	RM-75015 Cobalt Alloy	ASTM F 85	R
196020400	P.F.C.* SIGMA CR150 non porous, cemented, left, size 4	P.F.C.* SIGMA	RM-75015 Cobalt Alloy	ASTM F 86	R
196020300	P.F.C.* SIGMA CR150 non porous, cemented, left, size 3	P.F.C.* SIGMA	RM-75015 Cobalt Alloy	ASTM F 87	R
196020250	P.F.C.* SIGMA CR150 non porous, cemented, left, size 2,5	P.F.C.* SIGMA	RM-75015 Cobalt Alloy	ASTM F 88	R
196020200	P.F.C.* SIGMA CR150 non porous, cemented, left, size 2	P.F.C.* SIGMA	RM-75015 Cobalt Alloy	ASTM F 89	R
196020150	P.F.C.* SIGMA CR150 non porous, cemented, left, size 1,5	P.F.C.* SIGMA	RM-75015 Cobalt Alloy	ASTM F 90	R
196001400	P.F.C.* SIGMA CR non porous cemented femoral component right, size 4N	P.F.C.* SIGMA	CoCrMo	ASTM F 75 - 07	R
196000400	P.F.C.* SIGMA CR non porous cemented femoral component left, size 4N	P.F.C.* SIGMA	CoCrMo	ASTM F 75 - 08	R
158160000	P.F.C.* SIGMA CoCr Tibia tray non porous cemented, size 6	P.F.C.* SIGMA	CoCrMo	ASTM F 75 - 09	R

158150000	P.F.C.* SIGMA CoCr Tibia tray non porous cemented, size 5	P.F.C.* SIGMA	CoCrMo	ASTM F 75 - 10	R
158140000	P.F.C.* SIGMA CoCr Tibia tray non porous cemented, size 4	P.F.C.* SIGMA	CoCrMo	ASTM F 75 - 11	R
158130000	P.F.C.* SIGMA CoCr Tibia tray non porous cemented, size 3	P.F.C.* SIGMA	CoCrMo	ASTM F 75 - 12	R
158126025	P.F.C.* SIGMA STB GVF tibial insert, size 6 25mm	P.F.C.* SIGMA	MS-40000000	ISO 5834 & ASTM F 648	R
158126022	P.F.C.* SIGMA STB GVF tibial insert, size 6 22,5mm	P.F.C.* SIGMA	MS-40000001	ISO 5834 & ASTM F 649	R
158126020	P.F.C.* SIGMA STB GVF tibial insert, size 6 20mm	P.F.C.* SIGMA	MS-40000002	ISO 5834 & ASTM F 650	R
158126017	P.F.C.* SIGMA STB GVF tibial insert, size 6 17,5mm	P.F.C.* SIGMA	MS-40000003	ISO 5834 & ASTM F 651	R
158126015	P.F.C.* SIGMA STB GVF tibial insert, size 6 15mm	P.F.C.* SIGMA	MS-40000004	ISO 5834 & ASTM F 652	R
158126012	P.F.C.* SIGMA STB GVF tibial insert, size 6 12,5mm	P.F.C.* SIGMA	MS-40000005	ISO 5834 & ASTM F 653	R
158126010	P.F.C.* SIGMA STB GVF tibial insert, size 6 10mm	P.F.C.* SIGMA	MS-40000006	ISO 5834 & ASTM F 654	R
158126008	P.F.C.* SIGMA STB GVF tibial insert, size 6 8mm	P.F.C.* SIGMA	MS-40000007	ISO 5834 & ASTM F 655	R
158125025	P.F.C.* SIGMA STB GVF tibial insert, size 5 25mm	P.F.C.* SIGMA	MS-40000008	ISO 5834 & ASTM F 656	R
158125022	P.F.C.* SIGMA STB GVF tibial insert, size 5 22,5mm	P.F.C.* SIGMA	MS-40000009	ISO 5834 & ASTM F 657	R
158125020	P.F.C.* SIGMA STB GVF tibial insert, size 5 20mm	P.F.C.* SIGMA	MS-40000010	ISO 5834 & ASTM F 658	R
158125017	P.F.C.* SIGMA STB GVF tibial insert, size 5 17,5mm	P.F.C.* SIGMA	MS-40000011	ISO 5834 & ASTM F 659	R
158125015	P.F.C.* SIGMA STB GVF tibial insert, size 5 15mm	P.F.C.* SIGMA	MS-40000012	ISO 5834 & ASTM F 660	R
158125012	P.F.C.* SIGMA STB GVF tibial insert, size 5 12,5mm	P.F.C.* SIGMA	MS-40000013	ISO 5834 & ASTM F 661	R
158125010	P.F.C.* SIGMA STB GVF tibial insert, size 5 10mm	P.F.C.* SIGMA	MS-40000014	ISO 5834 & ASTM F 662	R
158125008	P.F.C.* SIGMA STB GVF tibial insert, size 5 8mm	P.F.C.* SIGMA	MS-40000015	ISO 5834 & ASTM F 663	R
158125000	P.F.C.* SIGMA CoCr Tibia tray non porous cemented, size 2,5	P.F.C.* SIGMA	MS-40000016	ISO 5834 & ASTM F 664	R
158124025	P.F.C.* SIGMA STB GVF tibial insert, size 4 25mm	P.F.C.* SIGMA	MS-40000017	ISO 5834 & ASTM F 665	R
158124022	P.F.C.* SIGMA STB GVF tibial insert, size 4 22,5mm	P.F.C.* SIGMA	MS-40000018	ISO 5834 & ASTM F 666	R
158124020	P.F.C.* SIGMA STB GVF tibial insert, size 4 20mm	P.F.C.* SIGMA	MS-40000019	ISO 5834 & ASTM F 667	R
158124017	P.F.C.* SIGMA STB GVF tibial insert, size 4 17,5mm	P.F.C.* SIGMA	MS-40000020	ISO 5834 & ASTM F 668	R
158124015	P.F.C.* SIGMA STB GVF tibial insert, size 4 15mm	P.F.C.* SIGMA	MS-40000021	ISO 5834 & ASTM F 669	R
158124012	P.F.C.* SIGMA STB GVF tibial insert, size 4 12,5mm	P.F.C.* SIGMA	MS-40000022	ISO 5834 & ASTM F 670	R
158124010	P.F.C.* SIGMA STB GVF tibial insert, size 4 10mm	P.F.C.* SIGMA	MS-40000023	ISO 5834 & ASTM F 671	R
158124008	P.F.C.* SIGMA STB GVF tibial insert, size 4 8mm	P.F.C.* SIGMA	MS-40000024	ISO 5834 & ASTM F 672	R
158123025	P.F.C.* SIGMA STB GVF tibial insert, size 3 25mm	P.F.C.* SIGMA	MS-40000025	ISO 5834 & ASTM F 673	R
158123022	P.F.C.* SIGMA STB GVF tibial insert, size 3 22,5mm	P.F.C.* SIGMA	MS-40000026	ISO 5834 & ASTM F 674	R
158123020	P.F.C.* SIGMA STB GVF tibial insert, size 3 20mm	P.F.C.* SIGMA	MS-40000027	ISO 5834 & ASTM F 675	R
158123017	P.F.C.* SIGMA STB GVF tibial insert, size 3 17,5mm	P.F.C.* SIGMA	MS-40000028	ISO 5834 & ASTM F 676	R
158123015	P.F.C.* SIGMA STB GVF tibial insert, size 3 15mm	P.F.C.* SIGMA	MS-40000029	ISO 5834 & ASTM F 677	R
158123012	P.F.C.* SIGMA STB GVF tibial insert, size 3 12,5mm	P.F.C.* SIGMA	MS-40000030	ISO 5834 & ASTM F 678	R
158123010	P.F.C.* SIGMA STB GVF tibial insert, size 3 10mm	P.F.C.* SIGMA	MS-40000031	ISO 5834 & ASTM F 679	R
158123008	P.F.C.* SIGMA STB GVF tibial insert, size 3 8mm	P.F.C.* SIGMA	MS-40000032	ISO 5834 & ASTM F 680	R
158122025	P.F.C.* SIGMA STB GVF tibial insert, size 2,5 25mm	P.F.C.* SIGMA	MS-40000033	ISO 5834 & ASTM F 681	R
158122022	P.F.C.* SIGMA STB GVF tibial insert, size 2,5 22,5mm	P.F.C.* SIGMA	MS-40000034	ISO 5834 & ASTM F 682	R
158122020	P.F.C.* SIGMA STB GVF tibial insert, size 2,5 20mm	P.F.C.* SIGMA	MS-40000035	ISO 5834 & ASTM F 683	R
158122017	P.F.C.* SIGMA STB GVF tibial insert, size 2,5 17,5mm	P.F.C.* SIGMA	MS-40000036	ISO 5834 & ASTM F 684	R
158122015	P.F.C.* SIGMA STB GVF tibial insert, size 2,5 15mm	P.F.C.* SIGMA	MS-40000037	ISO 5834 & ASTM F 685	R
158122012	P.F.C.* SIGMA STB GVF tibial insert, size 2,5 12,5mm	P.F.C.* SIGMA	MS-40000038	ISO 5834 & ASTM F 686	R
158122010	P.F.C.* SIGMA STB GVF tibial insert, size 2,5 10mm	P.F.C.* SIGMA	MS-40000039	ISO 5834 & ASTM F 687	R
158122008	P.F.C.* SIGMA STB GVF tibial insert, size 2,5 8mm	P.F.C.* SIGMA	MS-40000040	ISO 5834 & ASTM F 688	R
158121025	P.F.C.* SIGMA STB GVF tibial insert, size 2 25mm	P.F.C.* SIGMA	MS-40000041	ISO 5834 & ASTM F 689	R
158121022	P.F.C.* SIGMA STB GVF tibial insert, size 2 22,5mm	P.F.C.* SIGMA	MS-40000042	ISO 5834 & ASTM F 690	R
158121020	P.F.C.* SIGMA STB GVF tibial insert, size 2 20mm	P.F.C.* SIGMA	MS-40000043	ISO 5834 & ASTM F 691	R
158121017	P.F.C.* SIGMA STB GVF tibial insert, size 2 17,5mm	P.F.C.* SIGMA	MS-40000044	ISO 5834 & ASTM F 692	R
158121015	P.F.C.* SIGMA STB GVF tibial insert, size 2 15mm	P.F.C.* SIGMA	MS-40000045	ISO 5834 & ASTM F 693	R
158121012	P.F.C.* SIGMA STB GVF tibial insert, size 2 12,5mm	P.F.C.* SIGMA	MS-40000046	ISO 5834 & ASTM F 694	R
158121010	P.F.C.* SIGMA STB GVF tibial insert, size 2 10mm	P.F.C.* SIGMA	MS-40000047	ISO 5834 & ASTM F 695	R
158121008	P.F.C.* SIGMA STB GVF tibial insert, size 2 8mm	P.F.C.* SIGMA	MS-40000048	ISO 5834 & ASTM F 696	R

158120017	P.F.C.* SIGMA STB GVF tibial insert, size 1.5 17,5mm	P.F.C.* SIGMA	MS-40000049	ISO 5834 & ASTM F 697	R
158120015	P.F.C.* SIGMA STB GVF tibial insert, size 1.5 15mm	P.F.C.* SIGMA	MS-40000050	ISO 5834 & ASTM F 698	R
158120012	P.F.C.* SIGMA STB GVF tibial insert, size 1.5 12,5mm	P.F.C.* SIGMA	MS-40000051	ISO 5834 & ASTM F 699	R
158120010	P.F.C.* SIGMA STB GVF tibial insert, size 1.5 10mm	P.F.C.* SIGMA	MS-40000052	ISO 5834 & ASTM F 700	R
158120008	P.F.C.* SIGMA STB GVF tibial insert, size 1.5 8mm	P.F.C.* SIGMA	MS-40000053	ISO 5834 & ASTM F 701	R
158120000	P.F.C.* SIGMA CoCr Tibia tray non porous cemented, size 2	P.F.C.* SIGMA	MS-40000054	ISO 5834 & ASTM F 702	R
158116020	P.F.C.* SIGMA CR CVD GVF tibial insert, size 6 20mm	P.F.C.* SIGMA	MS-40000055	ISO 5834 & ASTM F 703	R
158116017	P.F.C.* SIGMA CR CVD GVF tibial insert, size 6 17,5mm	P.F.C.* SIGMA	MS-40000056	ISO 5834 & ASTM F 704	R
158116015	P.F.C.* SIGMA CR CVD GVF tibial insert, size 6 15mm	P.F.C.* SIGMA	MS-40000057	ISO 5834 & ASTM F 705	R
158116012	P.F.C.* SIGMA CR CVD GVF tibial insert, size 6 12,5mm	P.F.C.* SIGMA	MS-40000058	ISO 5834 & ASTM F 706	R
158116010	P.F.C.* SIGMA CR CVD GVF tibial insert, size 6 10mm	P.F.C.* SIGMA	MS-40000059	ISO 5834 & ASTM F 707	R
158116008	P.F.C.* SIGMA CR CVD GVF tibial insert, size 6 8mm	P.F.C.* SIGMA	MS-40000060	ISO 5834 & ASTM F 708	R
158115020	P.F.C.* SIGMA CR CVD GVF tibial insert, size 5 20mm	P.F.C.* SIGMA	MS-40000061	ISO 5834 & ASTM F 709	R
158115017	P.F.C.* SIGMA CR CVD GVF tibial insert, size 5 17,5mm	P.F.C.* SIGMA	MS-40000062	ISO 5834 & ASTM F 710	R
158115015	P.F.C.* SIGMA CR CVD GVF tibial insert, size 5 15mm	P.F.C.* SIGMA	MS-40000063	ISO 5834 & ASTM F 711	R
158115010	P.F.C.* SIGMA CR CVD GVF tibial insert, size 5 10mm	P.F.C.* SIGMA	MS-40000064	ISO 5834 & ASTM F 712	R
158115008	P.F.C.* SIGMA CR CVD GVF tibial insert, size 5 8mm	P.F.C.* SIGMA	MS-40000065	ISO 5834 & ASTM F 713	R
158115000	P.F.C.* SIGMA CoCr Tibia tray non porous cemented, size 1,5	P.F.C.* SIGMA	MS-40000066	ISO 5834 & ASTM F 714	R
158115000	P.F.C.* SIGMA CoCr Tibia tray non porous cemented, size 1,5	P.F.C.* SIGMA	MS-40000067	ISO 5834 & ASTM F 715	R
158114020	P.F.C.* SIGMA CR CVD GVF tibial insert, size 4 20mm	P.F.C.* SIGMA	MS-40000068	ISO 5834 & ASTM F 716	R
158114017	P.F.C.* SIGMA CR CVD GVF tibial insert, size 4 17,5mm	P.F.C.* SIGMA	MS-40000069	ISO 5834 & ASTM F 717	R
158114015	P.F.C.* SIGMA CR CVD GVF tibial insert, size 4 15mm	P.F.C.* SIGMA	MS-40000070	ISO 5834 & ASTM F 718	R
158114010	P.F.C.* SIGMA CR CVD GVF tibial insert, size 4 10mm	P.F.C.* SIGMA	MS-40000071	ISO 5834 & ASTM F 719	R
158114008	P.F.C.* SIGMA CR CVD GVF tibial insert, size 4 8mm	P.F.C.* SIGMA	MS-40000072	ISO 5834 & ASTM F 720	R
158113020	P.F.C.* SIGMA CR CVD GVF tibial insert, size 3 20mm	P.F.C.* SIGMA	MS-40000073	ISO 5834 & ASTM F 721	R
158113017	P.F.C.* SIGMA CR CVD GVF tibial insert, size 3 17,5mm	P.F.C.* SIGMA	MS-40000074	ISO 5834 & ASTM F 722	R
158113015	P.F.C.* SIGMA CR CVD GVF tibial insert, size 3 15mm	P.F.C.* SIGMA	MS-40000075	ISO 5834 & ASTM F 723	R
158113012	P.F.C.* SIGMA CR CVD GVF tibial insert, size 3 12,5mm	P.F.C.* SIGMA	MS-40000076	ISO 5834 & ASTM F 724	R
158113010	P.F.C.* SIGMA CR CVD GVF tibial insert, size 3 10mm	P.F.C.* SIGMA	MS-40000077	ISO 5834 & ASTM F 725	R
158113008	P.F.C.* SIGMA CR CVD GVF tibial insert, size 3 8mm	P.F.C.* SIGMA	MS-40000078	ISO 5834 & ASTM F 726	R
158112020	P.F.C.* SIGMA CR CVD GVF tibial insert, size 2,5 20mm	P.F.C.* SIGMA	MS-40000079	ISO 5834 & ASTM F 727	R
158112017	P.F.C.* SIGMA CR CVD GVF tibial insert, size 2,5 17,5mm	P.F.C.* SIGMA	MS-40000080	ISO 5834 & ASTM F 728	R
158112015	P.F.C.* SIGMA CR CVD GVF tibial insert, size 2,5 15mm	P.F.C.* SIGMA	MS-40000081	ISO 5834 & ASTM F 729	R
158112012	P.F.C.* SIGMA CR CVD GVF tibial insert, size 2,5 12,5mm	P.F.C.* SIGMA	MS-40000082	ISO 5834 & ASTM F 730	R
158112010	P.F.C.* SIGMA CR CVD GVF tibial insert, size 2,5 10mm	P.F.C.* SIGMA	MS-40000083	ISO 5834 & ASTM F 731	R
158112008	P.F.C.* SIGMA CR CVD GVF tibial insert, size 2,5 8mm	P.F.C.* SIGMA	MS-40000084	ISO 5834 & ASTM F 732	R
158111020	P.F.C.* SIGMA CR CVD GVF tibial insert, size 2 20mm	P.F.C.* SIGMA	MS-40000085	ISO 5834 & ASTM F 733	R
158111017	P.F.C.* SIGMA CR CVD GVF tibial insert, size 2 17,5mm	P.F.C.* SIGMA	MS-40000086	ISO 5834 & ASTM F 734	R
158111015	P.F.C.* SIGMA CR CVD GVF tibial insert, size 2 15mm	P.F.C.* SIGMA	MS-40000087	ISO 5834 & ASTM F 735	R
158111012	P.F.C.* SIGMA CR CVD GVF tibial insert, size 2 12,5mm	P.F.C.* SIGMA	MS-40000088	ISO 5834 & ASTM F 736	R
158111010	P.F.C.* SIGMA CR CVD GVF tibial insert, size 2 10mm	P.F.C.* SIGMA	MS-40000089	ISO 5834 & ASTM F 737	R
158111008	P.F.C.* SIGMA CR CVD GVF tibial insert, size 2 8mm	P.F.C.* SIGMA	MS-40000090	ISO 5834 & ASTM F 738	R
158110020	P.F.C.* SIGMA CR CVD GVF tibial insert, size 1,5 20mm	P.F.C.* SIGMA	MS-40000091	ISO 5834 & ASTM F 739	R
158110017	P.F.C.* SIGMA CR CVD GVF tibial insert, size 1,5 17,5mm	P.F.C.* SIGMA	MS-40000092	ISO 5834 & ASTM F 740	R
158110015	P.F.C.* SIGMA CR CVD GVF tibial insert, size 1,5 15mm	P.F.C.* SIGMA	MS-40000093	ISO 5834 & ASTM F 741	R
158110012	P.F.C.* SIGMA CR CVD GVF tibial insert, size 1,5 12,5mm	P.F.C.* SIGMA	MS-40000094	ISO 5834 & ASTM F 742	R
158110010	P.F.C.* SIGMA CR CVD GVF tibial insert, size 1,5 10mm	P.F.C.* SIGMA	MS-40000095	ISO 5834 & ASTM F 743	R
158110008	P.F.C.* SIGMA CR CVD GVF tibial insert, size 1,5 8mm	P.F.C.* SIGMA	MS-40000096	ISO 5834 & ASTM F 744	R
136554000	36mm 12/14 Articul/eze Ultamet™ Head 12	Pinnacle	MS-10201083 Cobalt Alloy	ASTM F1537 alloy2 (UNS 31538)	R
136553000	36mm 12/14 Articul/eze Ultamet™ Head 8.5	Pinnacle	MS-10201083 Cobalt Alloy	ASTM F1537 alloy2 (UNS 31538)	R

136552000	36mm 12/14 Articul/eze Ultamet™ Head 5	Pinnacle	MS-10201083 Cobalt Alloy	ASTM F1537 alloy2 (UNS 31538)	R
136551000	36mm 12/14 Articul/eze Ultamet™ Head 1,5	Pinnacle	MS-10201083 Cobalt Alloy	ASTM F1537 alloy2 (UNS 31538)	R
136550000	36mm 12/14 Articul/eze Ultamet™ Head -2	Pinnacle	MS-10201083 Cobalt Alloy	ASTM F1537 alloy2 (UNS 31538)	R
136544740	Delta Ceramic TS head 44mm +12	Pinnacle	CERAMIC Biolx Delta	There is currently no recognised standard for Biolox Delta type ceramics. A standard is under preparation in ISO by ISO TC 150 SC1. ISO DIS 6474-2-2. The manufacturers specification for his material meets the current draft of the standard. This is at stage 40.99 approved for registration as a final draft international standard.	R
136544730	Delta Ceramic TS head 44mm +8,5	Pinnacle	CERAMIC Biolx Delta	-  -	R
136544720	Delta Ceramic TS head 44mm +5	Pinnacle	CERAMIC Biolx Delta	-  -	R
136544710	Delta Ceramic TS head 44mm +1,5	Pinnacle	CERAMIC Biolx Delta	-  -	R
136540740	Delta Ceramic TS head 40mm +12	Pinnacle	CERAMIC Biolx Delta	-  -	R
136540730	Delta Ceramic TS head 40mm +8,5	Pinnacle	CERAMIC Biolx Delta	-  -	R
136540720	Delta Ceramic TS head 40mm +5	Pinnacle	CERAMIC Biolx Delta	-  -	R
136540710	Delta Ceramic TS head 40mm +1,5	Pinnacle	CERAMIC Biolx Delta	-  -	R
136536740	Delta Ceramic TS head 36mm +12	Pinnacle	CERAMIC Biolx Delta	-  -	R
136536730	Delta Ceramic TS head 36mm +8.5	Pinnacle	CERAMIC Biolx Delta	-  -	R
136536720	Delta Ceramic TS head 36mm +5.0	Pinnacle	CERAMIC Biolx Delta	-  -	R
136536710	Delta Ceramic TS head 36 mm +1,5	Pinnacle	CERAMIC Biolx Delta	-  -	R
136536330	36mm 12/14 Articul/eze Ceramax™ Head 8.5	Pinnacle	CERAMIC Biolx Delta	There is currently no recognised standard for Biolox Delta type ceramics. A standard is under preparation in ISO by ISO TC 150 SC1. ISO DIS 6474-2-2. The manufacturers specification for his material meets the current draft of the standard. This is at stage 40.99 approved for registration as a final draft international standard.	R
136536320	36mm 12/14 Articul/eze Ceramax™ Head 5	Pinnacle	CERAMIC Biolx Delta	-  -	R
136536310	36mm 12/14 Articul/eze Ceramax™ Head 1,5	Pinnacle	CERAMIC Biolx Delta	-  -	R
136532730	Delta Ceramic TS head 32mm +9	Pinnacle	CERAMIC Biolx Delta	-  -	R
136532720	Delta Ceramic TS head 32mm +5	Pinnacle	CERAMIC Biolx Delta	-  -	R
136532710	Delta Ceramic TS head 32 mm +1	Pinnacle	CERAMIC Biolx Delta	-  -	R
136532330	32mm 12/14 Articul/eze Ceramax™ Head 9	Pinnacle	CERAMIC Biolx Delta	-  -	R
136532320	32mm 12/14 Articul/eze Ceramax™ Head 5	Pinnacle	CERAMIC Biolx Delta	-  -	R

136532310	32mm 12/14 Articul/eze Ceramax™ Head 1	Pinnacle	CERAMIC Biolx Delta	-  -	R
136528740	Delta Ceramic TS head 28mm +12	Pinnacle	CERAMIC Biolx Delta	-  -	R
136528730	Delta Ceramic TS head 28mm +8.5	Pinnacle	CERAMIC Biolx Delta	-  -	R
136528720	Delta Ceramic TS head 28mm +5.0	Pinnacle	CERAMIC Biolx Delta	-  -	R
136528710	Delta Ceramic TS head 28 mm +1,5	Pinnacle	CERAMIC Biolx Delta	-  -	R
136528330	28mm 12/14 Articul/eze Ceramax™ Head 8,5	Pinnacle	CERAMIC Biolx Delta	-  -	R
136528320	28mm 12/14 Articul/eze Ceramax™ Head 5	Pinnacle	CERAMIC Biolx Delta	-  -	R
136528310	28mm 12/14 Articul/eze Ceramax™ Head 1,5	Pinnacle	CERAMIC Biolx Delta	-  -	R
136524000	32mm 12/14 Articul/eze Ultamet™ Head 13	Pinnacle	MS-10201083 Cobalt Alloy	ASTM F1537 alloy2 (UNS 31538)	R
136523000	32mm 12/14 Articul/eze Ultamet™ Head 9	Pinnacle	MS-10201083 Cobalt Alloy	ASTM F1537 alloy2 (UNS 31538)	R
136522000	32mm 12/14 Articul/eze Ultamet™ Head 5	Pinnacle	MS-10201083 Cobalt Alloy	ASTM F1537 alloy2 (UNS 31538)	R
136521000	32mm 12/14 Articul/eze Ultamet™ Head 1	Pinnacle	MS-10201083 Cobalt Alloy	ASTM F1537 alloy2 (UNS 31538)	R
136514000	28mm 12/14 Articul/eze Ultamet™ Head 12 BLK	Pinnacle	MS-10201083 Cobalt Alloy	ASTM F1537 alloy2 (UNS 31538)	R
136513000	28mm 12/14 Articul/eze Ultamet™ Head 8.5 BL	Pinnacle	MS-10201083 Cobalt Alloy	ASTM F1537 alloy2 (UNS 31538)	R
136512000	28mm 12/14 Articul/eze Ultamet™ Head 5 BR	Pinnacle	MS-10201083 Cobalt Alloy	ASTM F1537 alloy2 (UNS 31538)	R
136511000	28mm 12/14 Articul/eze Ultamet™ Head 1.5 GR	Pinnacle	MS-10201083 Cobalt Alloy	ASTM F1537 alloy2 (UNS 31538)	R
129433115	P.F.C.* SIGMA™ MBT Tibial tray, non porous, cemented size 1,5	P.F.C.* SIGMA	101-21-001 Cobalt Alloy	ASTM F 75 - 07	R
124603000	Pinnacle* Apex Hole Eliminator	Pinnacle	MS 50401002 Titanium Alloy	ASTM F136	R
121936166	Marathon liner +4 10D 36mm/66	Pinnacle	MS40000089 UHMWPE	ISO 5834 & ASTM F 648	Gas Plasma
121936164	Marathon liner +4 10D 36mm/64	Pinnacle	MS40000089 UHMWPE	ISO 5834 & ASTM F 649	Gas Plasma
121936162	Marathon liner +4 10D 36mm/62	Pinnacle	MS40000089 UHMWPE	ISO 5834 & ASTM F 650	Gas Plasma
121936160	Marathon liner +4 10D 36mm/60	Pinnacle	MS40000089 UHMWPE	ISO 5834 & ASTM F 651	Gas Plasma
121936158	Marathon liner +4 10D 36mm/58	Pinnacle	MS40000089 UHMWPE	ISO 5834 & ASTM F 652	Gas Plasma
121936156	Marathon liner +4 10D 36mm/56	Pinnacle	MS40000089 UHMWPE	ISO 5834 & ASTM F 653	Gas Plasma
121936154	Marathon liner +4 10D 36mm/54	Pinnacle	MS40000089 UHMWPE	ISO 5834 & ASTM F 654	Gas Plasma
121936152	Marathon liner +4 10D 36mm/52	Pinnacle	MS40000089 UHMWPE	ISO 5834 & ASTM F 655	Gas Plasma
121936066	36mm Neutral Marathon™ Polyethylene Liner OD 66mm	Pinnacle	MS40000089 UHMWPE	ISO 5834 & ASTM F 656	Gas Plasma
121936064	36mm Neutral Marathon™ Polyethylene Liner OD 64mm	Pinnacle	MS40000089 UHMWPE	ISO 5834 & ASTM F 657	Gas Plasma

121936062	36mm Neutral Marathon™ Polyethylene Liner OD 62mm	Pinnacle	MS40000089 UHMWPE	ISO 5834 & ASTM F 658	Gas Plasma
121936060	36mm Neutral Marathon™ Polyethylene Liner OD 60mm	Pinnacle	MS40000089 UHMWPE	ISO 5834 & ASTM F 659	Gas Plasma
121936058	36mm Neutral Marathon™ Polyethylene Liner OD 58mm	Pinnacle	MS40000089 UHMWPE	ISO 5834 & ASTM F 660	Gas Plasma
121936056	36mm Neutral Marathon™ Polyethylene Liner OD 56mm	Pinnacle	MS40000089 UHMWPE	ISO 5834 & ASTM F 661	Gas Plasma
121932166	Marathon liner +4 10D 32mm/66	Pinnacle	MS40000089 UHMWPE	ISO 5834 & ASTM F 662	Gas Plasma
121932164	Marathon liner +4 10D 32mm/64	Pinnacle	MS40000089 UHMWPE	ISO 5834 & ASTM F 663	Gas Plasma
121932162	Marathon liner +4 10D 32mm/62	Pinnacle	MS40000089 UHMWPE	ISO 5834 & ASTM F 664	Gas Plasma
121932160	Marathon liner +4 10D 32mm/60	Pinnacle	MS40000089 UHMWPE	ISO 5834 & ASTM F 665	Gas Plasma
121932158	Marathon liner +4 10D 32mm/58	Pinnacle	MS40000089 UHMWPE	ISO 5834 & ASTM F 666	Gas Plasma
121932156	Marathon liner +4 10D 32mm/56	Pinnacle	MS40000089 UHMWPE	ISO 5834 & ASTM F 667	Gas Plasma
121932154	Marathon liner +4 10D 32mm/54	Pinnacle	MS40000089 UHMWPE	ISO 5834 & ASTM F 668	Gas Plasma
121932152	Marathon liner +4 10D 32mm/52	Pinnacle	MS40000089 UHMWPE	ISO 5834 & ASTM F 669	Gas Plasma
121932150	Marathon liner +4 10D 32mm/50	Pinnacle	MS40000089 UHMWPE	ISO 5834 & ASTM F 670	Gas Plasma
121932148	Marathon liner +4 10D 32mm/48	Pinnacle	MS40000089 UHMWPE	ISO 5834 & ASTM F 671	Gas Plasma
121932066	32mm Neutral Marathon™ Polyethylene Liner OD 66mm	Pinnacle	MS40000089 UHMWPE	ISO 5834 & ASTM F 672	Gas Plasma
121932064	32mm Neutral Marathon™ Polyethylene Liner OD 64mm	Pinnacle	MS40000089 UHMWPE	ISO 5834 & ASTM F 673	Gas Plasma
121932062	32mm Neutral Marathon™ Polyethylene Liner OD 62mm	Pinnacle	MS40000089 UHMWPE	ISO 5834 & ASTM F 674	Gas Plasma
121932060	32mm Neutral Marathon™ Polyethylene Liner OD 60mm	Pinnacle	MS40000089 UHMWPE	ISO 5834 & ASTM F 675	Gas Plasma
121932058	32mm Neutral Marathon™ Polyethylene Liner OD 58mm	Pinnacle	MS40000089 UHMWPE	ISO 5834 & ASTM F 676	Gas Plasma
121932056	32mm Neutral Marathon™ Polyethylene Liner OD 56mm	Pinnacle	MS40000089 UHMWPE	ISO 5834 & ASTM F 677	Gas Plasma

121932054	32mm Neutral Marathon™ Polyethylene Liner OD 54mm	Pinnacle	MS40000089 UHMWPE	ISO 5834 & ASTM F 678	Gas Plasma
121932052	32mm Neutral Marathon™ Polyethylene Liner OD 52mm	Pinnacle	MS40000089 UHMWPE	ISO 5834 & ASTM F 679	Gas Plasma
121928166	Marathon liner +4 10D 28mm/66	Pinnacle	MS40000089 UHMWPE	ISO 5834 & ASTM F 680	Gas Plasma
121928164	Marathon liner +4 10D 28mm/64	Pinnacle	MS40000089 UHMWPE	ISO 5834 & ASTM F 681	Gas Plasma
121928162	Marathon liner +4 10D 28mm/62	Pinnacle	MS40000089 UHMWPE	ISO 5834 & ASTM F 682	Gas Plasma
121928160	Marathon liner +4 10D 28mm/60	Pinnacle	MS40000089 UHMWPE	ISO 5834 & ASTM F 683	Gas Plasma
121928158	Marathon liner +4 10D 28mm/58	Pinnacle	MS40000089 UHMWPE	ISO 5834 & ASTM F 684	Gas Plasma
121928156	Marathon liner +4 10D 28mm/56	Pinnacle	MS40000089 UHMWPE	ISO 5834 & ASTM F 685	Gas Plasma
121928154	Marathon liner +4 10D 28mm/54	Pinnacle	MS40000089 UHMWPE	ISO 5834 & ASTM F 686	Gas Plasma
121928152	Marathon liner +4 10D 28mm/52	Pinnacle	MS40000089 UHMWPE	ISO 5834 & ASTM F 687	Gas Plasma
121928150	Marathon liner +4 10D 28mm/50	Pinnacle	MS40000089 UHMWPE	ISO 5834 & ASTM F 688	Gas Plasma
121928148	Marathon liner +4 10D 28mm/48	Pinnacle	MS40000089 UHMWPE	ISO 5834 & ASTM F 689	Gas Plasma
121928066	28mm Neutral Marathon™ Polyethylene liner OD 66mm	Pinnacle	MS40000089 UHMWPE	ISO 5834 & ASTM F 690	Gas Plasma
121928064	28mm Neutral Marathon™ Polyethylene liner OD 64mm	Pinnacle	MS40000089 UHMWPE	ISO 5834 & ASTM F 691	Gas Plasma
121928062	28mm Neutral Marathon™ Polyethylene liner OD 62mm	Pinnacle	MS40000089 UHMWPE	ISO 5834 & ASTM F 692	Gas Plasma
121928060	28mm Neutral Marathon™ Polyethylene liner OD 60mm	Pinnacle	MS40000089 UHMWPE	ISO 5834 & ASTM F 693	Gas Plasma
121928058	28mm Neutral Marathon™ Polyethylene liner OD 58mm	Pinnacle	MS40000089 UHMWPE	ISO 5834 & ASTM F 694	Gas Plasma
121928056	28mm Neutral Marathon™ Polyethylene liner OD 56mm	Pinnacle	MS40000089 UHMWPE	ISO 5834 & ASTM F 695	Gas Plasma
121928054	28mm Neutral Marathon™ Polyethylene liner OD 54mm	Pinnacle	MS40000089 UHMWPE	ISO 5834 & ASTM F 696	Gas Plasma
121928052	28mm Neutral Marathon™ Polyethylene liner OD 52mm	Pinnacle	MS40000089 UHMWPE	ISO 5834 & ASTM F 697	Gas Plasma

121928050	28mm Neutral Marathon™ Polyethylene liner OD 50mm	Pinnacle	MS4000089 UHMWPE	ISO 5834 & ASTM F 698	Gas Plasma
121928048	28mm Neutral Marathon™ Polyethylene liner OD 48mm	Pinnacle	MS4000089 UHMWPE	ISO 5834 & ASTM F 699	Gas Plasma
121883766	28mm Ceramax™ Alternative Bearing Insert OD 66mm	Pinnacle	MS-60130087 BioloX Delta	There is currently no recognised standard for BioloX Delta type ceramics. A standard is under preparation in ISO by ISO TC 150 SC1. ISO DIS 6474-2-2. The manufacturers specification for his material meets the current draft of the standard. This is at stage 40.99 approved for registration as a final draft international standard.	R
121883764	28mm Ceramax™ Alternative Bearing Insert OD 64mm	Pinnacle	MS-60130087 BioloX Delta	-  -	R
121883762	28mm Ceramax™ Alternative Bearing Insert OD 62mm	Pinnacle	MS-60130087 BioloX Delta	-  -	R
121883760	28mm Ceramax™ Alternative Bearing Insert OD 60mm	Pinnacle	MS-60130087 BioloX Delta	-  -	R
121883756	28mm Ceramax™ Alternative Bearing Insert OD 56mm	Pinnacle	MS-60130087 BioloX Delta	-  -	R
121883754	28mm Ceramax™ Alternative Bearing Insert OD 54mm	Pinnacle	MS-60130087 BioloX Delta	-  -	R
121883752	28mm Ceramax™ Alternative Bearing Insert OD 52mm	Pinnacle	MS-60130087 BioloX Delta	-  -	R
121883750	28mm Ceramax™ Alternative Bearing Insert OD 50mm	Pinnacle	MS-60130087 BioloX Delta	-  -	R
121883748	28mm Ceramax™ Alternative Bearing Insert OD 48mm	Pinnacle	MS-60130087 BioloX Delta	-  -	R
121882752	32mm Ceramax™ Alternative Bearing Insert OD 52mm	Pinnacle	MS-60130087 BioloX Delta	-  -	R
121882750	32mm Ceramax™ Alternative Bearing Insert OD 50mm	Pinnacle	MS-60130087 BioloX Delta	-  -	R
121882748	32mm Ceramax™ Alternative Bearing Insert OD 48mm	Pinnacle	MS-60130087 BioloX Delta	-  -	R
121881766	36mm Ceramax™ Alternative Bearing Insert OD 66mm	Pinnacle	MS-60130087 BioloX Delta	-  -	R
121881764	36mm Ceramax™ Alternative Bearing Insert OD 64mm	Pinnacle	MS-60130087 BioloX Delta	-  -	R
121881762	36mm Ceramax™ Alternative Bearing Insert OD 62mm	Pinnacle	MS-60130087 BioloX Delta	-  -	R
121881760	36mm Ceramax™ Alternative Bearing Insert OD 60mm	Pinnacle	MS-60130087 BioloX Delta	-  -	R
121881758	36mm Ceramax™ Alternative Bearing Insert OD 58mm	Pinnacle	MS-60130087 BioloX Delta	-  -	R
121881756	36mm Ceramax™ Alternative Bearing Insert OD 56mm	Pinnacle	MS-60130087 BioloX Delta	-  -	R
121881754	36mm Ceramax™ Alternative Bearing Insert OD 54mm	Pinnacle	MS-60130087 BioloX Delta	-  -	R
121832166	Pinnacle™ 32mm +4 10D Standard Polyethylene Liner OD 66mm	Pinnacle	MS-RM75500 UHMWPE	ISO 5834 & ASTM F 648	R



121832164	Pinnacle™ 32mm +4 10D Standard Polyethylene Liner OD 64mm	Pinnacle	MS-RM75500 UHMWPE	ISO 5834 & ASTM F 649	R
121832162	Pinnacle™ 32mm +4 10D Standard Polyethylene Liner OD 62mm	Pinnacle	MS-RM75500 UHMWPE	ISO 5834 & ASTM F 650	R
121832160	Pinnacle™ 32mm +4 10D Standard Polyethylene Liner OD 60mm	Pinnacle	MS-RM75500 UHMWPE	ISO 5834 & ASTM F 651	R
121832158	Pinnacle™ 32mm +4 10D Standard Polyethylene Liner OD 58mm	Pinnacle	MS-RM75500 UHMWPE	ISO 5834 & ASTM F 652	R
121832156	Pinnacle™ 32mm +4 10D Standard Polyethylene Liner OD 56mm	Pinnacle	MS-RM75500 UHMWPE	ISO 5834 & ASTM F 653	R
121832154	Pinnacle™ 32mm +4 10D Standard Polyethylene Liner OD 54mm	Pinnacle	MS-RM75500 UHMWPE	ISO 5834 & ASTM F 654	R
121832152	Pinnacle™ 32mm +4 10D Standard Polyethylene Liner OD 52mm	Pinnacle	MS-RM75500 UHMWPE	ISO 5834 & ASTM F 655	R
121832066	Pinnacle™ 32mm Neutral Standard Polyethylene Liner OD66mm	Pinnacle	MS-RM75500 UHMWPE	ISO 5834 & ASTM F 656	R
121832064	Pinnacle™ 32mm Neutral Standard Polyethylene Liner OD64mm	Pinnacle	MS-RM75500 UHMWPE	ISO 5834 & ASTM F 657	R
121832062	Pinnacle™ 32mm Neutral Standard Polyethylene Liner OD62mm	Pinnacle	MS-RM75500 UHMWPE	ISO 5834 & ASTM F 658	R
121832060	Pinnacle™ 32mm Neutral Standard Polyethylene Liner OD60mm	Pinnacle	MS-RM75500 UHMWPE	ISO 5834 & ASTM F 659	R
121832058	Pinnacle™ 32mm Neutral Standard Polyethylene Liner OD58mm	Pinnacle	MS-RM75500 UHMWPE	ISO 5834 & ASTM F 660	R
121832056	Pinnacle™ 32mm Neutral Standard Polyethylene Liner OD56mm	Pinnacle	MS-RM75500 UHMWPE	ISO 5834 & ASTM F 661	R
121832054	Pinnacle™ 32mm Neutral Standard Polyethylene Liner OD54mm	Pinnacle	MS-RM75500 UHMWPE	ISO 5834 & ASTM F 662	R
121832052	Pinnacle™ 32mm Neutral Standard Polyethylene Liner OD52mm	Pinnacle	MS-RM75500 UHMWPE	ISO 5834 & ASTM F 663	R
121828166	Pinnacle™ 28mm +4 10D Standard Polyethylene Liner OD 66mm	Pinnacle	MS-RM75500 UHMWPE	ISO 5834 & ASTM F 664	R
121828164	Pinnacle™ 28mm +4 10D Standard Polyethylene Liner OD 64mm	Pinnacle	MS-RM75500 UHMWPE	ISO 5834 & ASTM F 665	R
121828162	Pinnacle™ 28mm +4 10D Standard Polyethylene Liner OD 62mm	Pinnacle	MS-RM75500 UHMWPE	ISO 5834 & ASTM F 666	R
121828160	Pinnacle™ 28mm +4 10D Standard Polyethylene Liner OD 60mm	Pinnacle	MS-RM75500 UHMWPE	ISO 5834 & ASTM F 667	R
121828158	Pinnacle™ 28mm +4 10D Standard Polyethylene Liner OD 58mm	Pinnacle	MS-RM75500 UHMWPE	ISO 5834 & ASTM F 668	R
121828156	Pinnacle™ 28mm +4 10D Standard Polyethylene Liner OD 56mm	Pinnacle	MS-RM75500 UHMWPE	ISO 5834 & ASTM F 669	R
121828154	Pinnacle™ 28mm +4 10D Standard Polyethylene Liner OD 54mm	Pinnacle	MS-RM75500 UHMWPE	ISO 5834 & ASTM F 670	R
121828152	Pinnacle™ 28mm +4 10D Standard Polyethylene Liner OD 52mm	Pinnacle	MS-RM75500 UHMWPE	ISO 5834 & ASTM F 671	R
121828150	Pinnacle™ 28mm +4 10D Standard Polyethylene Liner OD 50mm	Pinnacle	MS-RM75500 UHMWPE	ISO 5834 & ASTM F 672	R
121828148	Pinnacle™ 28mm +4 10D Standard Polyethylene Liner OD 48mm	Pinnacle	MS-RM75500 UHMWPE	ISO 5834 & ASTM F 673	R
121828066	Pinnacle™ 28mm Neutral Standard Polyethylene Liner OD66mm	Pinnacle	MS-RM75500 UHMWPE	ISO 5834 & ASTM F 674	R
121828064	Pinnacle™ 28mm Neutral Standard Polyethylene Liner OD64mm	Pinnacle	MS-RM75500 UHMWPE	ISO 5834 & ASTM F 675	R
121828062	Pinnacle™ 28mm Neutral Standard Polyethylene Liner OD62mm	Pinnacle	MS-RM75500 UHMWPE	ISO 5834 & ASTM F 676	R
121828060	Pinnacle™ 28mm Neutral Standard Polyethylene Liner OD60mm	Pinnacle	MS-RM75500 UHMWPE	ISO 5834 & ASTM F 677	R
121828058	Pinnacle™ 28mm Neutral Standard Polyethylene Liner OD58mm	Pinnacle	MS-RM75500 UHMWPE	ISO 5834 & ASTM F 678	R

121828056	Pinnacle™ 28mm Neutral Standard Polyethylene Liner OD56mm	Pinnacle	MS-RM75500 UHMWPE	ISO 5834 & ASTM F 679	R
121828054	Pinnacle™ 28mm Neutral Standard Polyethylene Liner OD54mm	Pinnacle	MS-RM75500 UHMWPE	ISO 5834 & ASTM F 680	R
121828052	Pinnacle™ 28mm Neutral Standard Polyethylene Liner OD52mm	Pinnacle	MS-RM75500 UHMWPE	ISO 5834 & ASTM F 681	R
121828050	Pinnacle™ 28mm Neutral Standard Polyethylene Liner OD50mm	Pinnacle	MS-RM75500 UHMWPE	ISO 5834 & ASTM F 682	R
121828048	Pinnacle™ 28mm Neutral Standard Polyethylene Liner OD48mm	Pinnacle	MS-RM75500 UHMWPE	ISO 5834 & ASTM F 683	R
121770500	PINN.6.5 CANCELLOUS SCREW 70mm	Pinnacle	MS-50401002 Titanium Alloy	ASTM F136	R
121765500	PINN.6.5 CANCELLOUS SCREW 65mm	Pinnacle	MS-50401002 Titanium Alloy	ASTM F137	R
121760500	PINN.6.5 CANCELLOUS SCREW 60mm	Pinnacle	MS-50401002 Titanium Alloy	ASTM F138	R
121755500	PINN.6.5 CANCELLOUS SCREW 55mm	Pinnacle	MS-50401002 Titanium Alloy	ASTM F139	R
121750500	PINN.6.5 CANCELLOUS SCREW 50mm	Pinnacle	MS-50401002 Titanium Alloy	ASTM F140	R
121745500	PINN.6.5 CANCELLOUS SCREW 45mm	Pinnacle	MS-50401002 Titanium Alloy	ASTM F141	R
121740500	PINN.6.5 CANCELLOUS SCREW 40mm	Pinnacle	MS-50401002 Titanium Alloy	ASTM F142	R
121735500	PINN.6.5 CANCELLOUS SCREW 35mm	Pinnacle	MS-50401002 Titanium Alloy	ASTM F143	R
121730500	PINN.6.5 CANCELLOUS SCREW 30mm	Pinnacle	MS-50401002 Titanium Alloy	ASTM F144	R
121725500	PINN.6.5 CANCELLOUS SCREW 25mm	Pinnacle	MS-50401002 Titanium Alloy	ASTM F145	R
121722066	Pinnacle™ Sector Acetabular Cup 66mm	Pinnacle	MS-50401002 Titanium Alloy	ASTM F136	R
121722064	Pinnacle™ Sector Acetabular Cup 64mm	Pinnacle	MS-50401002 Titanium Alloy	ASTM F137	R
121722062	Pinnacle™ Sector Acetabular Cup 62mm	Pinnacle	MS-50401002 Titanium Alloy	ASTM F138	R
121722060	Pinnacle™ Sector Acetabular Cup 60mm	Pinnacle	MS-50401002 Titanium Alloy	ASTM F139	R
121722058	Pinnacle™ Sector Acetabular Cup 58mm	Pinnacle	MS-50401002 Titanium Alloy	ASTM F140	R
121722056	Pinnacle™ Sector Acetabular Cup 56mm	Pinnacle	MS-50401002 Titanium Alloy	ASTM F141	R
121722054	Pinnacle™ Sector Acetabular Cup 54mm	Pinnacle	MS-50401002 Titanium Alloy	ASTM F142	R
121722052	Pinnacle™ Sector Acetabular Cup 52mm	Pinnacle	MS-50401002 Titanium Alloy	ASTM F143	R
121722050	Pinnacle™ Sector Acetabular Cup 50mm	Pinnacle	MS-50401002 Titanium Alloy	ASTM F144	R
121722048	Pinnacle™ Sector Acetabular Cup 48mm	Pinnacle	MS-50401002 Titanium Alloy	ASTM F145	R
121720500	PINN.6.5 CANCELLOUS SCREW 20mm	Pinnacle	MS-50401002 Titanium Alloy	ASTM F146	R
121715500	PINN.6.5 CANCELLOUS SCREW 15mm	Pinnacle	MS-50401002 Titanium Alloy	ASTM F147	R
121701066	Pinnacle™ 100 Acetabular Cup 66mm	Pinnacle	MS-50401002 Titanium Alloy	ASTM F136	R
121701064	Pinnacle™ 100 Acetabular Cup 64mm	Pinnacle	MS-50401002 Titanium Alloy	ASTM F137	R
121701062	Pinnacle™ 100 Acetabular Cup 62mm	Pinnacle	MS-50401002 Titanium Alloy	ASTM F138	R

121701060	Pinnacle™ 100 Acetabular Cup 60mm	Pinnacle	MS-50401002 Titanium Alloy	ASTM F139	R
121701058	Pinnacle™ 100 Acetabular Cup 58mm	Pinnacle	MS-50401002 Titanium Alloy	ASTM F140	R
121701056	Pinnacle™ 100 Acetabular Cup 56mm	Pinnacle	MS-50401002 Titanium Alloy	ASTM F141	R
121701054	Pinnacle™ 100 Acetabular Cup 54mm	Pinnacle	MS-50401002 Titanium Alloy	ASTM F142	R
121701052	Pinnacle™ 100 Acetabular Cup 52mm	Pinnacle	MS-50401002 Titanium Alloy	ASTM F143	R
121701050	Pinnacle™ 100 Acetabular Cup 50mm	Pinnacle	MS-50401002 Titanium Alloy	ASTM F144	R
121701048	Pinnacle™ 100 Acetabular Cup 48mm	Pinnacle	MS-50401002 Titanium Alloy	ASTM F145	R
972102	P.F.C.® SIGMA PS STB RP GVF tibial insert, size 1,5 12,5mm	P.F.C.® SIGMA	MS-RM75500 UHMWPE	ISO 5834 & ASTM F 648	R
972101	P.F.C.® SIGMA PS STB RP GVF tibial insert, size 1,5 10mm	P.F.C.® SIGMA	MS-RM75500 UHMWPE	ISO 5834 & ASTM F 649	R
962044	P.F.C.® SIGMA CR CVD RP GVF tibial insert, size 4 17,5mm	P.F.C.® SIGMA	MS-RM75500 UHMWPE	ISO 5834 & ASTM F 650	R
3L92507	Corail STD Size 8	Corail	Ti 6Al 4V	ASTM F 136	R
3L92509	Corail STD Size 9	Corail	Ti 6Al 4V	ASTM F 136	R
3L92510	Corail STD Size 10	Corail	Ti 6Al 4V	ASTM F 136	R
3L92511	Corail STD Size 11	Corail	Ti 6Al 4V	ASTM F 136	R
3L92512	Corail STD Size 12	Corail	Ti 6Al 4V	ASTM F 136	R
3L92513	Corail STD Size 13	Corail	Ti 6Al 4V	ASTM F 136	R
3L92514	Corail STD Size 14	Corail	Ti 6Al 4V	ASTM F 136	R
3L92515	Corail STD Size 15	Corail	Ti 6Al 4V	ASTM F 136	R
3L92516	Corail STD Size 16	Corail	Ti 6Al 4V	ASTM F 136	R
3L92518	Corail STD Size 18	Corail	Ti 6Al 4V	ASTM F 136	R
3L92520	Corail STD Size 20	Corail	Ti 6Al 4V	ASTM F 136	R
3L92498	Corail STD Collared Size 8	Corail	Ti 6Al 4V	ASTM F 136	R
3L92499	Corail STD Collared Size 9	Corail	Ti 6Al 4V	ASTM F 136	R
3L92500	Corail STD Collared Size 10	Corail	Ti 6Al 4V	ASTM F 136	R
3L92501	Corail STD Collared Size 11	Corail	Ti 6Al 4V	ASTM F 136	R
3L92502	Corail STD Collared Size 12	Corail	Ti 6Al 4V	ASTM F 136	R
3L92503	Corail STD Collared Size 13	Corail	Ti 6Al 4V	ASTM F 136	R
3L92504	Corail STD Collared Size 14	Corail	Ti 6Al 4V	ASTM F 136	R
3L92505	Corail STD Collared Size 15	Corail	Ti 6Al 4V	ASTM F 136	R
3L92506	Corail STD Collared Size 16	Corail	Ti 6Al 4V	ASTM F 136	R
3L92508	Corail STD Collared Size 18	Corail	Ti 6Al 4V	ASTM F 136	R
3L92521	Corail STD Collared Size 20	Corail	Ti 6Al 4V	ASTM F 136	R
L20106	TIGE CORAIL2 DYSP S/A T6	Corail	Ti 6Al 4V	ASTM F 136	R

L20006	TIGE CORAIL2 DYSP A/A T6	Corail	Ti 6Al 4V	ASTM F 136	R
L20309	Corail NON Collared HO Size 9	Corail	Ti 6Al 4V	ASTM F 136	R
L20310	Corail NON Collared HO Size 10	Corail	Ti 6Al 4V	ASTM F 136	R
L20311	Corail NON Collared HO Size 11	Corail	Ti 6Al 4V	ASTM F 136	R
L20312	Corail NON Collared HO Size 12	Corail	Ti 6Al 4V	ASTM F 136	R
L20313	Corail NON Collared HO Size 13	Corail	Ti 6Al 4V	ASTM F 136	R
L20314	Corail NON Collared HO Size 14	Corail	Ti 6Al 4V	ASTM F 136	R
L20315	Corail NON Collared HO Size 15	Corail	Ti 6Al 4V	ASTM F 136	R
L20316	Corail NON Collared HO Size 16	Corail	Ti 6Al 4V	ASTM F 136	R
L20318	Corail NON Collared HO Size 18	Corail	Ti 6Al 4V	ASTM F 136	R
L20320	Corail NON Collared HO Size 20	Corail	Ti 6Al 4V	ASTM F 136	R
3L93709	Corail LAT COXA VARA Size 9	Corail	Ti 6Al 4V	ASTM F 136	R
3L93710	Corail LAT COXA VARA Size 10	Corail	Ti 6Al 4V	ASTM F 136	R
3L93711	Corail LAT COXA VARA Size 11	Corail	Ti 6Al 4V	ASTM F 136	R
3L93712	Corail LAT COXA VARA Size 12	Corail	Ti 6Al 4V	ASTM F 136	R
3L93713	Corail LAT COXA VARA Size 13	Corail	Ti 6Al 4V	ASTM F 136	R
3L93714	Corail LAT COXA VARA Size 14	Corail	Ti 6Al 4V	ASTM F 136	R
3L93715	Corail LAT COXA VARA Size 15	Corail	Ti 6Al 4V	ASTM F 136	R
3L93716	Corail LAT COXA VARA Size 16	Corail	Ti 6Al 4V	ASTM F 136	R
3L93718	Corail LAT COXA VARA Size 18	Corail	Ti 6Al 4V	ASTM F 136	R
3L93720	Corail LAT COXA VARA Size 20	Corail	Cobalt alloy	ASTM F 75	R
130708100	Delta Xtend™ Mono Cem. Epiphysis 1 DM 8 Std	Delta Xtend	Cobalt alloy	ASTM F 75	R
130710100	Delta Xtend™ Mono Cem. Epiphysis 1 DM 10 Std	Delta Xtend	Cobalt alloy	ASTM F 75	R
130710200	Delta Xtend™ Mono Cem. Epiphysis 2 DM 10 Std	Delta Xtend	Cobalt alloy	ASTM F 75	R
130712100	Delta Xtend™ Mono Cem. Epiphysis 1 DM 12 Std	Delta Xtend	Cobalt alloy	ASTM F 75	R
130712200	Delta Xtend™ Mono Cem. Epiphysis 2 DM 12 Std	Delta Xtend	Cobalt alloy	ASTM F 75	R
130714100	Delta Xtend™ Mono Cem. Epiphysis 1 DM 14 Std	Delta Xtend	Cobalt alloy	ASTM F 75	R
130714200	Delta Xtend™ Mono Cem. Epiphysis 2 DM 14 Std	Delta Xtend	Cobalt alloy	ASTM F 75	R
130730009	Delta Xtend™ Humeral Spacer +9mm	Delta Xtend	UHMWPE	ISO 5834 & ASTM F 650	R
130738003	Delta Xtend™ High Mobility Polyethylene Cup DM 38 +3	Delta Xtend	UHMWPE	ISO 5834 & ASTM F 650	R
130738006	Delta Xtend™ High Mobility Polyethylene Cup DM 38 +6	Delta Xtend	UHMWPE	ISO 5834 & ASTM F 650	R
130738009	Delta Xtend™ High Mobility Polyethylene Cup DM 38 +9	Delta Xtend	UHMWPE	ISO 5834 & ASTM F 650	R

130738106	Delta Xtend™ Retentive Humeral Polyethylene Cup DM 38	Delta Xtend	UHMWPE	ISO 5834 & ASTM F 650	R
130738203	Delta Xtend™ Standard Humeral Polyethylene Cup DM 38+3	Delta Xtend	UHMWPE	ISO 5834 & ASTM F 650	R
130738206	Delta Xtend™ Standard Humeral Polyethylene Cup DM 38 +6	Delta Xtend	UHMWPE	ISO 5834 & ASTM F 650	R
130738209	Delta Xtend™ Standard Humeral Polyethylene Cup DM 38+9	Delta Xtend	UHMWPE	ISO 5834 & ASTM F 650	R
130742003	Delta Xtend™ High Mobility Polyethylene Cup DM 42 +3	Delta Xtend	UHMWPE	ISO 5834 & ASTM F 650	R
130742006	Delta Xtend™ High Mobility Polyethylene Cup DM 42 +6	Delta Xtend	UHMWPE	ISO 5834 & ASTM F 650	R
130742009	Delta Xtend™ High Mobility Polyethylene Cup DM 42 +9m	Delta Xtend	UHMWPE	ISO 5834 & ASTM F 650	R
130742106	Delta Xtend™ Retentive Humeral Polyethylene Cup DM 42	Delta Xtend	UHMWPE	ISO 5834 & ASTM F 650	R
130742203	Delta Xtend™ Standard Humeral Polyethylene Cup DM 42 +3	Delta Xtend	UHMWPE	ISO 5834 & ASTM F 650	R
130742206	Delta Xtend™ Standard Humeral Polyethylene Cup DM 42+6	Delta Xtend	UHMWPE	ISO 5834 & ASTM F 650	R
130742209	Delta Xtend™ Standard Humeral Polyethylene Cup DM 42+9	Delta Xtend	UHMWPE	ISO 5834 & ASTM F 650	R
130760000	Delta Xtend™ Metaglens	Delta Xtend	Ti 6Al 4V ELI	ASTM F 136	R
130760038	Delta Xtend™ Eccentric Glenosphere DM 38mm	Delta Xtend	Ti 6Al 4V ELI	ASTM F 136	R
130760042	Delta Xtend™ Eccentric Glenosphere DM 42mm	Delta Xtend	Ti 6Al 4V ELI	ASTM F 136	R
130760138	Delta Xtend™ Standard Glenosphere DM 38mm	Delta Xtend	Ti 6Al 4V ELI	ASTM F 136	R
130760142	Delta Xtend™ Standard Glenosphere DM 42mm	Delta Xtend	Ti 6Al 4V ELI	ASTM F 136	R
130770018	Delta Xtend™ Non Locking Screw DM 4,5 x18mm	Delta Xtend	Ti 6Al 4V	ASTM F 136/ISO 5832-3	R
130770024	Delta Xtend™ Non Locking Screw DM 4,5 x24mm	Delta Xtend	Ti 6Al 4V	ASTM F 136/ISO 5832-3	R
130770030	Delta Xtend™ Non Locking Screw DM 4,5 x30mm	Delta Xtend	Ti 6Al 4V	ASTM F 136/ISO 5832-3	R
130770036	Delta Xtend™ Non Locking Screw DM 4,5 x36mm	Delta Xtend	Ti 6Al 4V	ASTM F 136/ISO 5832-3	R
130770042	Delta Xtend™ Non Locking Screw DM 4,5 x42mm	Delta Xtend	Ti 6Al 4V	ASTM F 136/ISO 5832-3	R
130790024	Delta Xtend™ Locking Screw DM 4,5x24mm	Delta Xtend	Ti 6Al 4V	ASTM F 136/ISO 5832-3	R
130790030	Delta Xtend™ Locking Screw DM 4,5x30mm	Delta Xtend	Ti 6Al 4V	ASTM F 136/ISO 5832-3	R
130790036	Delta Xtend™ Locking Screw DM 4,5x36mm	Delta Xtend	Ti 6Al 4V	ASTM F 136/ISO 5832-3	R
130790042	Delta Xtend™ Locking Screw DM 4,5x42mm	Delta Xtend	Ti 6Al 4V	ASTM F 136/ISO 5832-3	R
130790048	Delta Xtend™ Locking Screw DM 4,5x48mm	Delta Xtend	Ti 6Al 4V	ASTM F 136/ISO 5832-3	R

October 17, 2011

To whom it may concern:

In order to characterize the response of DePuy Spine implants to simulated hospital MRI conditions, worst case representatives for the following DePuy Spine product lines;

**Product Brand**

**Material**

*Expedium™ Spine System*

*Titanium*

*Expedium™ SFX™ Cross Connector System*

*Titanium*

*Concorde™ Bullet Spinal System*

*Carbon-fiber*

*reinforced polymer PEEK Optima*

were assembled into typical constructs and tested under two power level modalities, 1.5 Tesla and 3.0 Tesla. Implants were tested within the bore of the MR system at locations determined to create the greatest MR effect for translational attraction, torque and heating. Per ASTM F2503-08, the implants are determined to be MR Conditional (*demonstrated to pose no known hazards in a specified MR environment with specified conditions of use*) at 1.5 and at 3.0 Tesla.

**Typical implant constructs have been in-vitro tested and found to be safe at the following parameters; Static magnetic field of 3-Tesla or less, Maximum spatial gradient magnetic field of 720-Gauss/cm. MRI**

DePuy Spine, Inc., 325 Paramount Drive, Raynham, MA, USA 02767-0350  
(508) 880-8100 Fax: (508) 828-3797



testing regimen of 15 min (i.e., per pulse sequence), SAR of 2.5W/kg or less in 1.5-Tesla (1.5T/64Mhz, Magnetom, Siemens Medical Solutions, Malvern, PA. Software Numaris/4, Version Syngo MR 2002B DHHS) and 3-Tesla (3T/128MHz, Excite, Software G3.0-052B, General Electric Healthcare, Milwaukee, WI) MR systems or equivalent. MR Image quality will be compromised in the vicinity of the implant, optimization of MR imaging parameters may be necessary to compensate for the presence of the implant, and some localized tissues will be obscured by the implant image artifact.

Sincerely,

J. Riley Hawkins  
Principal Engineer  
DePuy Spine, Inc.

DePuy Spine, Inc., 325 Paramount Drive, Raynham, MA, USA 02767-0350  
(508) 880-8100 Fax: (508) 828-3797

Katal.št.	ENG description	Product group
179722425	EXPEDIUM 5.5 Ti Dual Innie Polyaxial screw 4.35 x 25mm	Expedium
179722430	EXPEDIUM 5.5 Ti Dual Innie Polyaxial screw 4.35 x 30mm	Expedium
179722435	EXPEDIUM 5.5 Ti Dual Innie Polyaxial screw 4.35 x 35mm	Expedium
179722440	EXPEDIUM 5.5 Ti Dual Innie Polyaxial screw 4.35 x 40mm	Expedium
179722445	EXPEDIUM 5.5 Ti Dual Innie Polyaxial screw 4.35 x 45mm	Expedium
179722450	EXPEDIUM 5.5 Ti Dual Innie Polyaxial screw 4.35 x 50mm	Expedium
179722525	EXPEDIUM 5.5 Ti Dual Innie Polyaxial screw 5 x 25mm	Expedium
179722530	EXPEDIUM 5.5 Ti Dual Innie Polyaxial screw 5 x 30mm	Expedium
179722535	EXPEDIUM 5.5 Ti Dual Innie Polyaxial screw 5 x 35mm	Expedium
179722540	EXPEDIUM 5.5 Ti Dual Innie Polyaxial screw 5 x 40mm	Expedium
179722545	EXPEDIUM 5.5 Ti Dual Innie Polyaxial screw 5 x 45mm	Expedium
179722550	EXPEDIUM 5.5 Ti Dual Innie Polyaxial screw 5 x 50mm	Expedium
179722630	EXPEDIUM 5.5 Ti Dual Innie Polyaxial screw 6 x 30mm	Expedium
179722635	EXPEDIUM 5.5 Ti Dual Innie Polyaxial screw 6 x 35mm	Expedium
179722640	EXPEDIUM 5.5 Ti Dual Innie Polyaxial screw 6 x 40mm	Expedium
179722645	EXPEDIUM 5.5 Ti Dual Innie Polyaxial screw 6 x 45mm	Expedium
179722650	EXPEDIUM 5.5 Ti Dual Innie Polyaxial screw 6 x 50mm	Expedium
179722655	EXPEDIUM 5.5 Ti Dual Innie Polyaxial screw 6 x 55mm	Expedium
179722730	EXPEDIUM 5.5 Ti Dual Innie Polyaxial screw 7 x 30mm	Expedium
179722735	EXPEDIUM 5.5 Ti Dual Innie Polyaxial screw 7 x 35mm	Expedium
179722740	EXPEDIUM 5.5 Ti Dual Innie Polyaxial screw 7 x 40mm	Expedium
179722745	EXPEDIUM 5.5 Ti Dual Innie Polyaxial screw 7 x 45mm	Expedium
179722750	EXPEDIUM 5.5 Ti Dual Innie Polyaxial screw 7 x 50mm	Expedium
179722755	EXPEDIUM 5.5 Ti Dual Innie Polyaxial screw 7 x 55mm	Expedium
179722830	EXPEDIUM 5.5 Ti Dual Innie Polyaxial screw 8 x 30mm	Expedium
179722835	EXPEDIUM 5.5 Ti Dual Innie Polyaxial screw 8 x 35mm	Expedium
179722840	EXPEDIUM 5.5 Ti Dual Innie Polyaxial screw 8 x 40mm	Expedium
179722845	EXPEDIUM 5.5 Ti Dual Innie Polyaxial screw 8 x 45mm	Expedium
179722850	EXPEDIUM 5.5 Ti Dual Innie Polyaxial screw 8 x 50mm	Expedium
179722855	EXPEDIUM 5.5 Ti Dual Innie Polyaxial screw 8 x 55mm	Expedium
179722865	EXPEDIUM 5.5 Ti Dual Innie Polyaxial screw 8 x 65mm	Expedium
179722880	EXPEDIUM 5.5 Ti Dual Innie Polyaxial screw 8 x 80mm	Expedium
179722899	EXPEDIUM 5.5 Ti Dual Innie Polyaxial screw 8 x 100mm	Expedium
179722930	EXPEDIUM 5.5 Ti Dual Innie Polyaxial screw 9 x 30mm	Expedium
179722935	EXPEDIUM 5.5 Ti Dual Innie Polyaxial screw 9 x 35mm	Expedium
179722940	EXPEDIUM 5.5 Ti Dual Innie Polyaxial screw 9 x 40mm	Expedium
179722945	EXPEDIUM 5.5 Ti Dual Innie Polyaxial screw 9 x 45mm	Expedium
179722950	EXPEDIUM 5.5 Ti Dual Innie Polyaxial screw 9 x 50mm	Expedium
179722955	EXPEDIUM 5.5 Ti Dual Innie Polyaxial screw 9 x 55mm	Expedium
179722965	EXPEDIUM 5.5 Ti Dual Innie Polyaxial screw 9 x 65mm	Expedium
179722980	EXPEDIUM 5.5 Ti Dual Innie Polyaxial screw 9 x 80mm	Expedium
179722130	EXPEDIUM 5.5 Ti Dual Innie Polyaxial screw 10 x 30mm	Expedium
179722135	EXPEDIUM 5.5 Ti Dual Innie Polyaxial screw 10 x 35mm	Expedium
179722140	EXPEDIUM 5.5 Ti Dual Innie Polyaxial screw 10 x 40mm	Expedium
179722145	EXPEDIUM 5.5 Ti Dual Innie Polyaxial screw 10 x 45mm	Expedium
179722150	EXPEDIUM 5.5 Ti Dual Innie Polyaxial screw 10 x 50mm	Expedium
179722155	EXPEDIUM 5.5 Ti Dual Innie Polyaxial screw 10 x 55mm	Expedium
179722165	EXPEDIUM 5.5 Ti Dual Innie Polyaxial screw 10 x 65mm	Expedium
179722180	EXPEDIUM 5.5 Ti Dual Innie Polyaxial screw 10 x 80mm	Expedium



179799420	EXPEDIUM 5.5 Ti Dual Innie Favored Angle Screw 4.35 x 20mm	Expedium
179799425	EXPEDIUM 5.5 Ti Dual Innie Favored Angle Screw 4.35 x 25mm	Expedium
179799430	EXPEDIUM 5.5 Ti Dual Innie Favored Angle Screw 4.35 x 30mm	Expedium
179799435	EXPEDIUM 5.5 Ti Dual Innie Favored Angle Screw 4.35 x 35mm	Expedium
179799440	EXPEDIUM 5.5 Ti Dual Innie Favored Angle Screw 4.35 x 40mm	Expedium
179799445	EXPEDIUM 5.5 Ti Dual Innie Favored Angle Screw 4.35 x 45mm	Expedium
179799450	EXPEDIUM 5.5 Ti Dual Innie Favored Angle Screw 4.35 x 50mm	Expedium
179799455	EXPEDIUM 5.5 Ti Dual Innie Favored Angle Screw 4.35 x 55mm	Expedium
179799460	EXPEDIUM 5.5 Ti Dual Innie Favored Angle Screw 4.35 x 60mm	Expedium
179799465	EXPEDIUM 5.5 Ti Dual Innie Favored Angle Screw 4.35 x 65mm	Expedium
179799520	EXPEDIUM 5.5 Ti Dual Innie Favored Angle Screw 5 x 20mm	Expedium
179799525	EXPEDIUM 5.5 Ti Dual Innie Favored Angle Screw 5 x 25mm	Expedium
179799530	EXPEDIUM 5.5 Ti Dual Innie Favored Angle Screw 5 x 30mm	Expedium
179799535	EXPEDIUM 5.5 Ti Dual Innie Favored Angle Screw 5 x 35mm	Expedium
179799540	EXPEDIUM 5.5 Ti Dual Innie Favored Angle Screw 5 x 40mm	Expedium
179799545	EXPEDIUM 5.5 Ti Dual Innie Favored Angle Screw 5 x 45mm	Expedium
179799550	EXPEDIUM 5.5 Ti Dual Innie Favored Angle Screw 5 x 50mm	Expedium
179799555	EXPEDIUM 5.5 Ti Dual Innie Favored Angle Screw 5 x 55mm	Expedium
179799560	EXPEDIUM 5.5 Ti Dual Innie Favored Angle Screw 5 x 60mm	Expedium
179799565	EXPEDIUM 5.5 Ti Dual Innie Favored Angle Screw 5 x 65mm	Expedium
179799620	EXPEDIUM 5.5 Ti Dual Innie Favored Angle Screw 6 x 20mm	Expedium
179799625	EXPEDIUM 5.5 Ti Dual Innie Favored Angle Screw 6 x 25mm	Expedium
179799630	EXPEDIUM 5.5 Ti Dual Innie Favored Angle Screw 6 x 30mm	Expedium
179799635	EXPEDIUM 5.5 Ti Dual Innie Favored Angle Screw 6 x 35mm	Expedium
179799640	EXPEDIUM 5.5 Ti Dual Innie Favored Angle Screw 6 x 40mm	Expedium
179799645	EXPEDIUM 5.5 Ti Dual Innie Favored Angle Screw 6 x 45mm	Expedium
179799650	EXPEDIUM 5.5 Ti Dual Innie Favored Angle Screw 6 x 50mm	Expedium
179799655	EXPEDIUM 5.5 Ti Dual Innie Favored Angle Screw 6 x 55mm	Expedium
179799660	EXPEDIUM 5.5 Ti Dual Innie Favored Angle Screw 6 x 60mm	Expedium
179799665	EXPEDIUM 5.5 Ti Dual Innie Favored Angle Screw 6 x 65mm	Expedium
179799720	EXPEDIUM 5.5 Ti Dual Innie Favored Angle Screw 7 x 20mm	Expedium
179799725	EXPEDIUM 5.5 Ti Dual Innie Favored Angle Screw 7 x 25mm	Expedium
179799730	EXPEDIUM 5.5 Ti Dual Innie Favored Angle Screw 7 x 30mm	Expedium
179799735	EXPEDIUM 5.5 Ti Dual Innie Favored Angle Screw 7 x 35mm	Expedium
179799740	EXPEDIUM 5.5 Ti Dual Innie Favored Angle Screw 7 x 40mm	Expedium
179799745	EXPEDIUM 5.5 Ti Dual Innie Favored Angle Screw 7 x 45mm	Expedium
179799750	EXPEDIUM 5.5 Ti Dual Innie Favored Angle Screw 7 x 50mm	Expedium
179799755	EXPEDIUM 5.5 Ti Dual Innie Favored Angle Screw 7 x 55mm	Expedium
179799760	EXPEDIUM 5.5 Ti Dual Innie Favored Angle Screw 7 x 60mm	Expedium
179799765	EXPEDIUM 5.5 Ti Dual Innie Favored Angle Screw 7 x 65mm	Expedium
179722000	EXPEDIUM 5.5 Ti Dual Innie Setscrew	Expedium
179762120	EXPEDIUM 5.5 Ti Rod, 5.5 x 120 mm	Expedium
179762300	EXPEDIUM 5.5 Ti Rod, 5.5 x 300 mm	Expedium
179762480	EXPEDIUM 5.5 Ti Rod, 5.5 x 480 mm	Expedium
189401301	EXPEDIUM SFX Connector for 5.5 Ti Rod, A1, 26-28 mm	Expedium
189401302	EXPEDIUM SFX Connector for 5.5 Ti Rod, A2, 28-32 mm	Expedium
189401303	EXPEDIUM SFX Connector for 5.5 Ti Rod, A3, 32-37 mm	Expedium
189401404	EXPEDIUM SFX Connector for 5.5 Ti Rod, A4, 37-41 mm	Expedium
189401405	EXPEDIUM SFX Connector for 5.5 Ti Rod, A5, 41-49 mm	Expedium
189401406	EXPEDIUM SFX Connector for 5.5 Ti Rod, A6, 49-66 mm	Expedium

189401407	EXPEDIUM SFX Connector for 5.5 Ti rod, A7, 65-100 mm	Expedium
187823107	CONCORDE Bullet Interbody Fusion Cage, Parallel 9 x 7 x 23mm	CONCORDE Bullet
187823108	CONCORDE Bullet Interbody Fusion Cage, Parallel 9 x 8 x 23mm	CONCORDE Bullet
187823109	CONCORDE Bullet Interbody Fusion Cage, Parallel 9 x 9 x 23mm	CONCORDE Bullet
187823110	CONCORDE Bullet Interbody Fusion Cage, Parallel 9 x 10 x 23mm	CONCORDE Bullet
187823111	CONCORDE Bullet Interbody Fusion Cage, Parallel 9 x 11 x 23mm	CONCORDE Bullet
187823212	CONCORDE Bullet Interbody Fusion Cage, Parallel 11 x 12 x 23mm	CONCORDE Bullet
187823213	CONCORDE Bullet Interbody Fusion Cage, Parallel 11 x 13 x 23mm	CONCORDE Bullet
187827107	CONCORDE Bullet Interbody Fusion Cage, Parallel 9 x 7 x 27mm	CONCORDE Bullet
187827108	CONCORDE Bullet Interbody Fusion Cage, Parallel 9 x 8 x 27mm	CONCORDE Bullet
187827109	CONCORDE Bullet Interbody Fusion Cage, Parallel 9 x 9 x 27mm	CONCORDE Bullet
187827110	CONCORDE Bullet Interbody Fusion Cage, Parallel 9 x 10 x 27mm	CONCORDE Bullet
187827111	CONCORDE Bullet Interbody Fusion Cage, Parallel 9 x 11 x 27mm	CONCORDE Bullet
187827212	CONCORDE Bullet Interbody Fusion Cage, Parallel 11 x 12 x 27mm	CONCORDE Bullet
187827213	CONCORDE Bullet Interbody Fusion Cage, Parallel 11 x 13 x 27mm	CONCORDE Bullet
187823408	CONCORDE Bullet Interbody Fusion Cage, Lordotic 9 x 8 x 23mm	CONCORDE Bullet
187823409	CONCORDE Bullet Interbody Fusion Cage, Lordotic 9 x 9 x 23mm	CONCORDE Bullet
187823410	CONCORDE Bullet Interbody Fusion Cage, Lordotic 9 x 10 x 23mm	CONCORDE Bullet
187823411	CONCORDE Bullet Interbody Fusion Cage, Lordotic 9 x 11 x 23mm	CONCORDE Bullet
187823512	CONCORDE Bullet Interbody Fusion Cage, Lordotic 11 x 12 x 23mm	CONCORDE Bullet
187823513	CONCORDE Bullet Interbody Fusion Cage, Lordotic 11 x 13 x 23mm	CONCORDE Bullet
187827408	CONCORDE Bullet Interbody Fusion Cage, Lordotic 9 x 8 x 27mm	CONCORDE Bullet
187827409	CONCORDE Bullet Interbody Fusion Cage, Lordotic 9 x 9 x 27mm	CONCORDE Bullet
187827410	CONCORDE Bullet Interbody Fusion Cage, Lordotic 9 x 10 x 27mm	CONCORDE Bullet
187827411	CONCORDE Bullet Interbody Fusion Cage, Lordotic 9 x 11 x 27mm	CONCORDE Bullet
187827512	CONCORDE Bullet Interbody Fusion Cage, Lordotic 11 x 12 x 27mm	CONCORDE Bullet
187827513	CONCORDE Bullet Interbody Fusion Cage, Lordotic 11 x 13 x 27mm	CONCORDE Bullet