

MONT BLANC SPINAL SOLUTION

by **SPINeway**

A tradition and experience in spine implants manufacture

L'expérience de la fabrication d'implants pour le rachis

mont blanc

SAFE, RELIABLE DESIGN - DESIGN SECURITAIRE ET FIABLE

- implants and instruments have been designed and used by experienced French spine surgeons.
- produced within hi-tech facilities of an historical manufacture area, dedicated to spine implants.
- les implants et instruments Mont Blanc ont été conçus par des chirurgiens français expérimentés.*
- une tradition historique de fabrication consacrée au rachis.*
- un équipement de production hi-tech, de dernière génération.*

monobloc screws - vis monobloc

polyaxial screws - vis polyaxiales - **range of motion : up to 50°**

traction polyaxial screws - vis polyaxiales de traction

poliaksliniai sraigčiai - galvutės lankstymo į šonus ritis : iki 50 laipsnių

VERSATILITY - MODULARITE

- size range :
 - rod lengths from 40 to 500 mm, Ø5.5mm
 - pedicle screws Ø4, Ø5, Ø6, Ø7, Ø8 mm
 - hooks for all locations
- Une gamme complète :*
- tiges en longueur 40 à 500mm, Ø5,5mm*
 - vis pédiculaires Ø4, Ø5, Ø6, Ø7, Ø8 mm*
 - crochets pour toutes localisations vertébrales*

- Reliability is requested on daily practice basis :
 - approved by French surgeons since years
 - used around the world with satisfaction
- Une fiabilité nécessaire à votre pratique quotidienne :*
- approuvé par des chirurgiens français depuis des années*
 - utilisé avec satisfaction partout dans le monde*



A clever design based on strong fundamentals

- top-loading on mono-poly-traction screws
 - buttress threading for secure tightening** "buttress" sriegio tipas saugiam priveržimui
 - all implants are made out of titanium alloy** visi implantai yra pagaminti iš titano lydinio
- Une conception intelligente basée sur des fondamentaux rassurants*
- chargement top loading des vis monobloc, polyaxiales, de traction*
 - pas d'artillerie assurant un blocage maximum*
 - composition des implants : alliage de titane*

SIMPLICITY MEANS EFFICACY - SIMPLICITE RIME AVEC EFFICACITE

- a design you quickly feel comfortable with
- easy implantation : monobloc, polyaxial, traction pedicle screws
- a similar locking system for low-back and thoracic levels
- un design qui procure une confiance immédiate*
- implantation facile : vis pédiculaires monobloc, polyaxiales, traction*
- système de blocage identique au niveau lombaire et thoracique*



monobloc screw



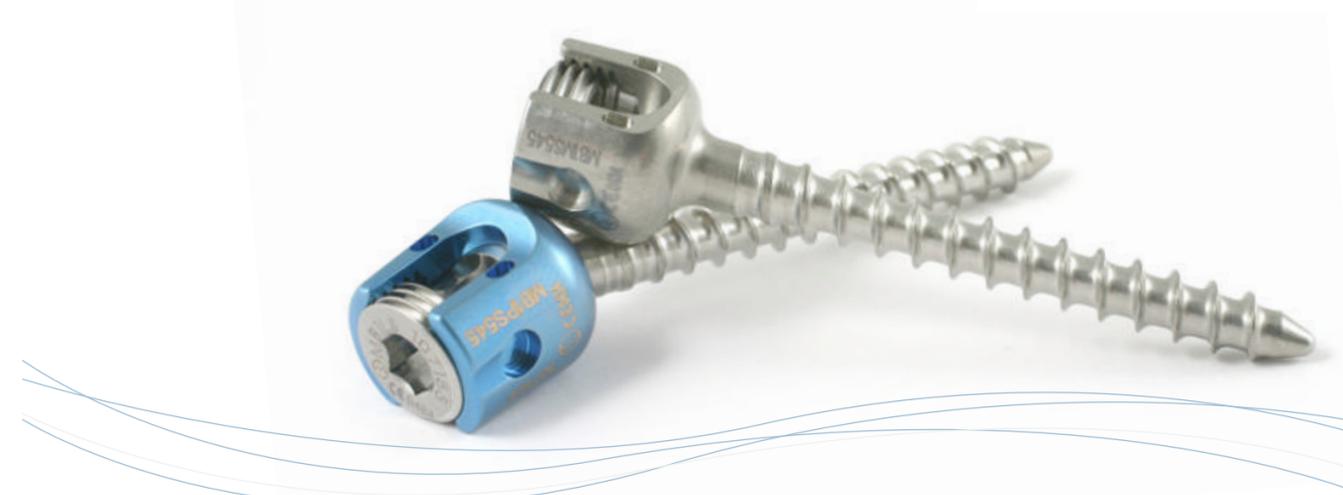
polyaxial screw



traction screw



transverse connector



- 4. Corrections**
Corrections
- Compression clamp - Pince à contraction - 016CC1
 - Distraction clamp - Pince à distraction - 057DC1
 - Bender in situ, right - Levier de cintrage droite - 036BIR1
 - Bender in situ, left - Levier de cintrage gauche - 037BIL1
 - Screwdriver hex 3.5mm - Tournevis hex 3,5mm - 132S35T1
 - Rod clamp standard - Pince étau standard - 149HCS1
- 5. Final tightening**
Verrouillage final
- T-screwdriver, hex 4.5mm - Tournevis en T, hex 4,5mm - 009ST1
 - Holder, traction screw - Bague, vis de traction - 104HTS1
 - Counter torque lever - Levier anti-rotation - 074HAR2
- 6. Transverse connector**
Connecteur transverse
- Transverse connector screw positioner - Positionneur pour connecteur transverse - 015SC2
 - Transverse connector T-wrench - Tournevis pour connecteur transverse - 075SN1
- Instruments for hooks**
Instruments pour crochets
- Elevator transverse - Rugine transverse - 038ET1
 - Elevator laminar - Rugine laminaire - 039EL1
 - Elevator pedicle - Rugine pédiculaire - 040EP2
 - Hook holder - Pince porte-crochet - 021HH1
 - Hook holder, offset - Porte-crochet décalée - 020HOH1
 - Hook pusher - Pousse crochet - 030IHP2
 - Rod pusher, vertical - Pousse-tige, vertical - 034IRP1
 - Nut Holder, long - Porte-vis de verrouillage, long - 098HNL1
 - C-Ring - Anneau en C - 080HCR1

« We simply need the most efficient system. Easy to use and safe for patients as well ! »

French and international surgeons

« Nous avons besoin du système le plus efficace. Simple d'emploi et sûr, c'est dans l'intérêt du patient ! »

Chirurgiens français et internationaux

by **SPINEWAY**



1. Preparation
Préparation du pédicule

- Ring for sharp tip
Bague pour pointe carrée - 006PSTR1
- Sharp tip - Pointe carrée - 001PST1
- Sharp tip with tap - Pointe carrée taraudeuse - 002PSTT1
- Pedicle finder - Palpateur pédiculaire - 003PF2
- Pedicle probe - Sonde pédiculaire - 004PP1

2. Screwing
Introduction de la vis

- Screwdriver, monobloc - Tournevis vis monobloc - 010SM2
- Screwdriver, polyaxial - Tournevis vis polyaxiale - 011SP2
- Nut holder - Porte-bouchon - 017HN1

3. Rod Bending and positioning
Cintrage et positionnement

- Rod holder - Porte tige - 018HR2
- Rod bender - Cintreuse - 035BR1
- Open rod pusher - Pousse-tige ouvert - 028IOP1
- Closed rod pusher - Pousse-tige fermé - 029ICP1

monobloc screws vis *monobloc* all the screws are in titanium alloy, les vis sont en alliage de titane. All measurements are in millimeter (mm).

Ø4		Ø5		Ø6		Ø7	
Diam.	Length	Diam.	Length	Diam.	Length	Diam.	Length
MB1MS425	∅ 4mm L 25mm	MB1MS530	∅ 5mm L 30mm	MB1MS635	∅ 6mm L 35mm	MB1MS735	∅ 7mm L 35mm
MB1MS430	∅ 4mm L 30mm	MB1MS535	∅ 5mm L 35mm	MB1MS640	∅ 6mm L 40mm	MB1MS740	∅ 7mm L 40mm
MB1MS435	∅ 4mm L 35mm	MB1MS540	∅ 5mm L 40mm	MB1MS645	∅ 6mm L 45mm	MB1MS745	∅ 7mm L 45mm
MB1MS440	∅ 4mm L 40mm	MB1MS545	∅ 5mm L 45mm	MB1MS650	∅ 6mm L 50mm	MB1MS750	∅ 7mm L 50mm
		MB1MS550	∅ 5mm L 50mm	MB1MS655	∅ 6mm L 55mm		

mont blanc **monobloc traction screws** vis *de traction monobloc* all the screws are in titanium alloy, les vis sont en alliage titane.

Ø5		Ø6		Ø7	
Diam.	Length	Diam.	Length	Diam.	Length
MB1MSS540	∅5mm L40mm	MB1MSS635	∅6mm L35mm	MB1MSS735	∅7mm L35mm
MB1MSS545	∅5mm L45mm	MB1MSS640	∅6mm L40mm	MB1MSS740	∅7mm L40mm
MB1MSS550	∅5mm L50mm	MB1MSS645	∅6mm L45mm	MB1MSS745	∅7mm L45mm
		MB1MSS650	∅6mm L50mm	MB1MSS750	∅7mm L50mm
		MB1MSS655	∅6mm L55mm		

polyaxial screws vis *polyaxiales* all the screws are in titanium alloy, les vis sont en alliage titane.

Ø4		Ø5		Ø6		Ø7		Ø8	
Diam.	Length								
MB1PS425	∅ 4mm L 25mm	MB1PS530	∅ 5mm L 30mm	MB1PS635	∅ 6mm L 35mm	MB1PS730	∅ 7mm L 30mm	MB1PS830	∅ 8mm L 30mm
MB1PS430	∅ 4mm L 30mm	MB1PS535	∅ 5mm L 35mm	MB1PS640	∅ 6mm L 40mm	MB1PS735	∅ 7mm L 35mm	MB1PS835	∅ 8mm L 35mm
MB1PS435	∅ 4mm L 35mm	MB1PS540	∅ 5mm L 40mm	MB1PS645	∅ 6mm L 45mm	MB1PS740	∅ 7mm L 40mm	MB1PS840	∅ 8mm L 40mm
MB1PS440	∅ 4mm L 40mm	MB1PS545	∅ 5mm L 45mm	MB1PS650	∅ 6mm L 50mm	MB1PS745	∅ 7mm L 45mm	MB1PS845	∅ 8mm L 45mm
		MB1PS550	∅ 5mm L 50mm	MB1PS655	∅ 6mm L 55mm	MB1PS750	∅ 7mm L 50mm	MB1PS850	∅ 8mm L 50mm

polyaxial traction screws vis *de traction polyaxiales* all the screws are in titanium alloy, les vis sont en alliage titane.

Ø5		Ø6		Ø7	
Diam.	Length	Diam.	Length	Diam.	Length
MB1PSS540	∅5mm L40mm	MB1PSS635	∅6mm L35mm	MB1PSS735	∅7mm L35mm
MB1PSS545	∅5mm L45mm	MB1PSS640	∅6mm L40mm	MB1PSS740	∅7mm L40mm
MB1PSS550	∅5mm L50mm	MB1PSS645	∅6mm L45mm	MB1PSS745	∅7mm L45mm
		MB1PSS650	∅6mm L50mm	MB1PSS750	∅7mm L50mm
		MB1PSS655	∅6mm L55mm		

rods tiges all the rods are in titanium, les tiges sont en alliage titane.

Ø5.5		Ø5.5		Ø5.5		Ø5.5	
Diam.	Length	Diam.	Length	Diam.	Length	Diam.	Length
MB1R5540	∅ 5.5mm L 40mm	MB1R5578	∅ 5.5mm L 78mm	MB1R55144	∅ 5.5mm L 144mm		
MB1R5550	∅ 5.5mm L 50mm	MB1R5592	∅ 5.5mm L 92mm	MB1R55158	∅ 5.5mm L 158mm		
MB1R5564	∅ 5.5mm L 64mm	MB1R55106	∅ 5.5mm L 106mm	MB1R55185	∅ 5.5mm L 185mm		
		MB1R55120	∅ 5.5mm L 120mm	MB1R55250	∅ 5.5mm L 250mm		
		MB1R55132	∅ 5.5mm L 132mm	MB1R55500	∅ 5.5mm L 500mm		

HOOKS all the hooks are in titanium, les crochets sont en alliage titane.

Hooks	Pedicle	Laminar	Offset blade	Domino	Axial connector
	MB1PHO MB1PMH	MB1LLH MB1LMH MB1LMB MB1LTH MB1SLH MB1RBH	MB1TRO MB1TLO MB1TLO MB1LLO	MB1DC	MB1AC

container hooks C1MB03

container implants C1MB04

container instruments C1MB01

transverse connectors

connecteurs transverses the set is in titanium, l'ensemble est en alliage titane.

plate	screw	nut	hook
L20-30mm	MB1TCP20	MB1TCS	MB1TCN + MB1TCH
L30-40mm	MB1TCP30	MB1TCS	MB1TCN + MB1TCH
L40-55mm	MB1TCP40	MB1TCS	MB1TCN + MB1TCH
L55-70mm	MB1TCP55	MB1TCS	MB1TCN + MB1TCH

1 set connector : 1 plate + 2 hooks + 2 screws + 2 nuts



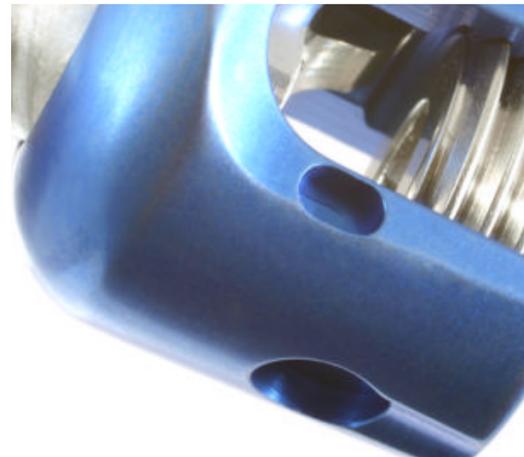
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Mont Blanc posterior spinal solution

