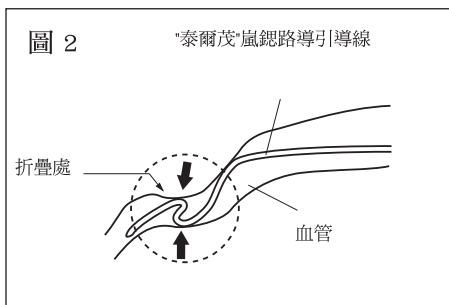
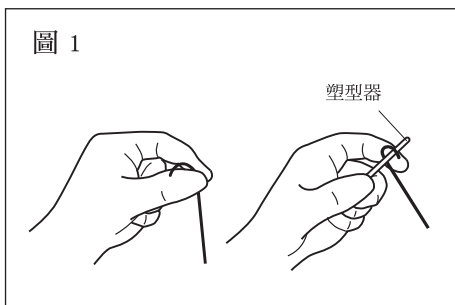


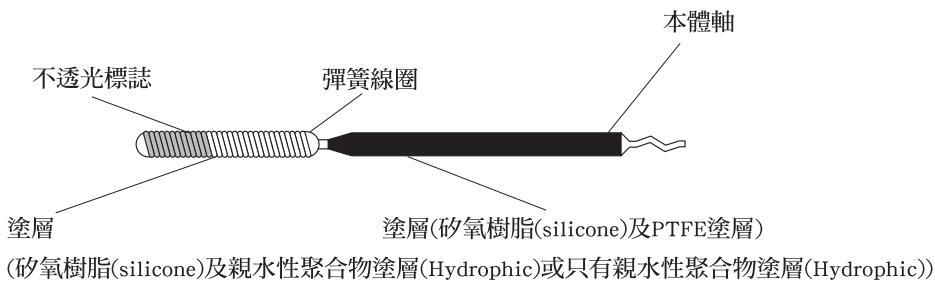
“泰爾茂” 嵐鋸路導引導線

“Terumo” Runthrough NS PTCA Guide Wire

衛署醫器輸字第 009918 號



產品部位名稱



型號



批號



使用期限



不得重覆使用



參閱使用說明



使用環氧乙烷滅菌



內容物



包裝若破損請勿使用



不可重覆滅菌



只能使用 Runthrough NS Extension Wire 進行延伸



製造業者
(總公司)



製造日期



製造業者



醫療器材



無菌屏障系統



進口商



單一識別碼

<Radiopaque>

不透射線



塑型器

<Coating Length>

塗層長度



7440-48-4

含有有害物質
(CAS:7440-48-4)



保持乾燥



避免陽光直曬



矽氧樹脂及
親水性聚合物塗層



親水性聚合物塗層

使用說明

請熟讀以下警告、注意事項和指示，謹慎使用。

簡介

“泰爾茂” 嵐鋸路導引導線是一種線圈型導絲，直徑為 0.014 英寸（0.36 毫米）。

導絲有一個尖端線圈和一個尖端線圈標記。尖端線圈標記具有不透射線性以提供能見性。遠端部分有矽氧樹脂和親水塗層或僅表面親水塗層。塗層提供潤滑性作用，在潮濕時變得潤滑。軸有矽氧樹脂和聚四氟乙烯塗層在表面上。

“泰爾茂” 嵐鋸路導引導線具有修飾的近端，可以連接“泰爾茂” 嵐鋸路延伸導線。

預期用途

“泰爾茂” 嵐鋸路導引導線的用途，是用來導引擴張導管到達須進行經皮冠狀血管成形術（PTCA）的損傷處，以改善冠狀血管狹窄損傷處的心肌血流，請勿用於其他目的。

禁忌症

- 先前已有冠狀動脈痙攣的病人。
- 懷孕或可能懷孕的病人。
- 個人健康狀況不允許進行外科手術的病人。
- 接受分流術後不滿一個月的傷口或偽動脈瘤。
- 禁用抗血小板劑或抗凝劑治療的病人。
- 對顯影劑有嚴重過敏的病人。

請仔細閱讀和“泰爾茂” 嵐鋸路導引導線併用的其他介入性器材使用說明中所敘及的禁用情況表列。請勿做於其他用途及用於腦血管。

併發症

使用“泰爾茂” 嵐鋸路導引導線所可能產生的併發症包括但並不局限於以下各項：

- 急性心肌梗塞

- 低血壓
- 冠狀動脈切離、動脈穿孔、動脈破裂、冠狀動脈損傷
- 感染疾病及針孔部位的併發症
- 出血性併發症
- 心肌缺血
- 冠狀動脈痙攣
- 心搏過慢
- 房室膈管
- 不穩定心絞痛
- 心律不整包括心室震顫
- 股骨偽動脈瘤、偽動脈瘤的形成
- 藥物過敏
- 冠狀動脈完全阻塞
- 遠端血栓
- 腦梗塞

請仔細閱讀和“泰爾茂”嵐鋸路導引導線併用的其他器材，在使用說明中的併發症。

警告和注意事項

警告

進行處置前，請小心檢視所有器材，確認它的適當運作和完整性。未能遵守以下警告可能引起血管受損、親水性塗層的磨損、塑膠片段從“泰爾茂”嵐鋸路導引導線脫離，以及／或導線損壞或破裂／脫離，導致可能需要抽回導線。

- 請不要經由金屬入口針頭、金屬擴張器或金屬導引線插入器來操作及／或拔除“泰爾茂”嵐鋸路導引導線，這樣將可能引起“泰爾茂”嵐鋸路導引導線的破壞及／或脫離，因而須要抽回導線。
- 請勿將“泰爾茂”嵐鋸路導引導線和含有金屬零件的器材例如 Athorctomy 導管併用，另請勿經由支架支柱操作“泰爾茂”嵐鋸路導引導線，否則可能使“泰爾茂”嵐鋸路導引導線的親水聚合物塗層脫落，而損壞及／或切斷導線。
- “泰爾茂”嵐鋸路導引導線的遠端 1 公分處是可成形的，請依照“使用指示 1-5”來進行“泰爾茂”嵐鋸路導引導線的成形。
- 在血管中請緩慢且小心操作“泰爾茂”嵐鋸路導引導線，同時以高解析度 X 光鏡確認導線尖端的走向和位置時。
- 如有感覺任何阻力或如果尖端走向及／或位置不適當，請停止操作“泰爾茂”嵐鋸路導引導線且／或擴張導管，並以高解析度螢光鏡瞭解原因，如果未能特別謹慎時，可能引起導引線尖端的彎曲、糾結或修補，損傷擴張導管或使血管受傷。
- 只有在“泰爾茂”嵐鋸路導引導線從病人血管移除時，才可使用抽回用的裝置，例如夾子或吊籃鑷子等，如果嵐鋸路導引導線在血管中即使用抽回用裝置時，可能引起“泰爾茂”嵐鋸路導引導線破裂。
- 使用前和使用期間，所有和“泰爾茂”嵐鋸路導引導線併用的器材應以肝素生理食鹽水充分濕潤，系統的不當充填可能引起親水性聚合物片段的損壞或脫落，及／或可能妨礙導線的平順移動。
- 請勿以“泰爾茂”嵐鋸路導引導線插入或穿過乳房內動脈，如此可能引起“泰爾茂”嵐鋸路導引導線的破裂或脫離。
- 在進行平行導線技術時，請勿以“泰爾茂”嵐鋸路導引導線用做外部導引線。
- 請勿在同一位置點綑綁“泰爾茂”嵐鋸路導引導線，因如此可能會導致導線的變形、破裂或脫離。
- 如果導管和活套併用，當“泰爾茂”嵐鋸路導引導線在導管內時，請勿操作活套，如此可能會導致導線的破裂或脫離。
- 當“泰爾茂”嵐鋸路導引導線在通過已展開的支架時，請小心操作導線，如果導線被支架勾住時，可能會使支架移位、變形或使“泰爾茂”嵐鋸路導引導線破裂或脫離。
- 請勿在磁振造影（MRI）時使用。
- 如果“泰爾茂”嵐鋸路導引導線突出導管的側孔時，請勿強行用力移除“泰爾茂”嵐鋸路導引導線，而是在其他輔助器材協助下，將“泰爾茂”嵐鋸路導引導線當做一個單元的方式將其移除。
- 更換延伸“泰爾茂”嵐鋸路延伸導線的導管時，請確認延伸導線已事先移除。當“泰爾茂”嵐鋸路導引導線和“泰爾茂”嵐鋸路延伸導線連接在一起，而進行旋轉等操作時，連接處將可能脫落。
- “泰爾茂”嵐鋸路延伸導線特別可以是和“泰爾茂”嵐鋸路導引導線相容的，若使用其他非“泰爾茂”嵐鋸路延伸導線的延伸導線附著（連接）時，可能因相容性的問題造成“泰爾茂”嵐鋸路導引導線的受損。
- 歸類為 CMR* 1B 的鈷（CAS:7440-48-4）在尖端線圈和軸中的濃度超過 0.1% 重量。

*CMR = 致癌、致突變或生殖毒性

注意事項

- 本產品以環氧乙烷氣體進行滅菌，僅供單次使用，不可重複使用、重複滅菌或再處理。再處理將損害其產品的無菌性、

生物相容性及功能完整性。

- 請仔細檢查產品包裝，確保無菌屏障沒有損壞。
- 本產品是以未開啟、未損壞的單一包裝滅菌的，如果單一包裝或本產品已損壞或弄髒時，請勿使用。
- “泰爾茂” 嵐鋸路導引導線在開啟包裝後應立即使用，使用後應依據當地醫療廢棄物處理規範予以安全適當棄置。本產品具有生物危害性，因為它被血液污染，並且由於其鋒利的邊緣而對身體有害。
- 整個流程中應該以無菌進行。
- 當“泰爾茂” 嵐鋸路導引導線和藥品或其他器材同時使用時，操作人員應對此藥物或器材的性質／特色有充分瞭解，以避免損壞“泰爾茂” 嵐鋸路導引導線。
- 在握著“泰爾茂” 嵐鋸路導引導線時，請勿將轉矩器材重新定位，否則可能會使“泰爾茂” 嵐鋸路導引導線破裂。
- 塗層產品的安全性和有效性在特定指示以外的血管區域尚未確定，或未知。

使用指示

1. “泰爾茂” 嵐鋸路導引導線的準備

- 1-1 從包裝中取出“泰爾茂” 嵐鋸路導引導線和支架。
- 1-2 在將“泰爾茂” 嵐鋸路導引導線從支架移開前，以針筒經由支架的樞鈕注入肝素生理食鹽水溶液。
- 1-3 移除導線塞子後，將“泰爾茂” 嵐鋸路導引導線從支架上取下，使用前先檢視“泰爾茂” 嵐鋸路導引導線，確認是否潤滑完成。如果“泰爾茂” 嵐鋸路導引導線無法順利從支架取下，請注入更多的肝素化生理食鹽水溶液到支架後，再重試一次。
- 1-4 將“泰爾茂” 嵐鋸路導引導線充分浸在肝素生理食鹽水溶液中。

警告

“泰爾茂” 嵐鋸路導引導線的近端是暴露在支架的，在將導引導線插入擴張導管時，請確認導引導線的方向。

注意事項

- “泰爾茂” 嵐鋸路導引導線的遠端在未潤濕前是沒有潤滑的，如果在導線表面乾燥或未充分潤濕前即行操作，可能會引起親水性聚合物片段的損壞或脫離。
 - 使用前請充分潤濕“泰爾茂” 嵐鋸路導引導線的表面，遠端部分在表面未完全潤濕時是不可彎曲的。
 - 在將“泰爾茂” 嵐鋸路導引導線從支架管移出時，如果沒有潤濕，導線的遠端部分因為親水性聚合物的緣故可能會捲曲，但在表面充分潤濕後即會再變直回原來的樣子。
- 1-5 如有需要，請依據標準操作將導線彈性尖端輕輕予以整型（圖 1）

警告

如果導引導線表面乾燥、以指甲、鑷子或其他工具操作、尖銳彎曲或在同一點部位重複彎曲時，可能使導引導線損壞或脫離。

注意事項

只有在充分潤濕時，“泰爾茂” 嵐鋸路導引導線才能具有足夠的可塑性。

- 1-6 如果並不打算立即將“泰爾茂” 嵐鋸路導引導線插入擴張導管時，在插入之前，請將“泰爾茂” 嵐鋸路導引導線保持在肝素生理食鹽水溶液的支架中。

注意事項

若立即將“泰爾茂” 嵐鋸路導引導線重行插入擴張導管時，請將“泰爾茂” 嵐鋸路導引導線維持在有肝素化生理食鹽水溶液的支架中，直到插入。

2. 插入氣球擴張導管中

注意事項

請依據“泰爾茂” 嵐鋸路導引導線的外徑，採用適當的氣球擴張導管，由於某些導管尖端內徑會有差異，操作時可能會發生親水塗層磨損的現象，如果在將導引導線引入導管內的過程中，感覺到有任何阻力時，建議即停止使用此一導管。

- 2-1 依據氣球擴張導管的使用說明，檢視並準備擴張導管。
- 2-2 如有需要，將 Y 連接器接到氣球擴張導管的導引導線口，以肝素生理食鹽水充填氣球擴張導管。

警告

請充分充填氣球擴張導管，使內部沒有氣泡置留，不當充填可能會阻止導線的順利移動。

- 2-3 確認“泰爾茂” 嵐鋸路導引導線表面已充分潤濕，將“泰爾茂” 嵐鋸路導引導線插入擴張導管，緩慢前進導引導線，直到導引導線和導管尖已適當定位。如果使用的是快速調換型的氣球擴張導管，請將“泰爾茂” 嵐鋸路導引導線的近端插入導管的遠處尖端，前進導引導線通過導引導線管腔，直到導引導線和導管尖已適當定位。

注意事項

在“泰爾茂”嵐鋸路導引導線插入氣球擴張導管時，如果彎曲可能導致導管被導線的近端所損壞。

- 2-4 旋緊 Y 連接器的止血閥，同時確認“泰爾茂”嵐鋸路導引導線近端的止血閥突出且平順移動。

注意事項

當被止血閥緊緊鎖住時，請勿操作“泰爾茂”嵐鋸路導引導線，因如此可能導致“泰爾茂”嵐鋸路導引導線的破裂。

3. 系統操作

- 3-1 採用可接受的規範，將導引導管置於所要處理的損傷處，插入擴張導管通過置於損傷處的導引導管所接的 Y 連接器止血閥，在高解析度 X 光鏡下，前進擴張導管直到距離導引導管遠端約 1-2 cm 處。

警告

當“泰爾茂”嵐鋸路導引導線和/或擴張導管在血管中時，請小心操作導引導管，並仔細觀察是否有不希望產生的反應，如果導引導管脫位或對導線施力過大時，可能會引起導線的損壞或脫離，以及/或血管受損。

- 3-2 當前進“泰爾茂”嵐鋸路導引導線橫越損傷處時，請緩慢小心操作，並以高解析度 X 光鏡監控導引導線尖的反應和位置，以防止尖端卡在損傷處。

- 3-3 以高解析度 X 光鏡多面向檢視，確認“泰爾茂”嵐鋸路導引導線的位置已牢牢插入想要的血管中。

警告

- 在選擇“泰爾茂”嵐鋸路導引導線所要插入的血管，或當前進導引導線通過狹窄部位時，如果導線尖卡住，請勿同方向連續轉動導線的近端超過三圈以上，如此可能使導線脫離。

- 操作期間如果感覺到“泰爾茂”嵐鋸路導引導線或擴張導管有阻力，或者導線尖的形狀、反應或位置不適當時，例如血管痙攣或其他原因而導線尖端卡住，或尖端如圖 2 般疊摺，請停止操作導線（和導管），以 X 光鏡謹慎瞭解原因，並採取適當補救措施，接著緩慢且不轉彎地移除導線，予以更換新的。如果持續在上述情況下進行導線或導管的操作，可能引起血管受損、導線尖的損壞或脫離，以及/或擴張導管的損壞。

- 3-4 前進擴張導管越過“泰爾茂”嵐鋸路導引導線，到想要的損傷處。

4. 更換“泰爾茂”嵐鋸路導引導線時

- 4-1 鬆下 Y 連接管的止血閥，在高解析度 X 光鏡下，確認尖端位置，緩慢移除“泰爾茂”嵐鋸路導引導線，小心調換導線，避免空氣進入擴張導管。

- 4-2 依照上述第 2-3 及 2-4 項，輕輕將新的“泰爾茂”嵐鋸路導引導線插入擴張導管中，如果使用的是快速調換型擴張導管，請移除擴張導管並更換導線。

警告

- 在插入“泰爾茂”嵐鋸路導引導線時如有感覺阻力，請停止操作並予以換新，逆著阻力繼續操作可能因為“泰爾茂”嵐鋸路導引導線或擴張導管的破裂而損傷血管。

- 在前進導線尖端通過擴張導管之前，請確認擴張導管尖的方向平行血管，如果“泰爾茂”嵐鋸路導引導線尖朝向血管壁或不平行於血管時，前進“泰爾茂”嵐鋸路導引導線將可能損傷血管。

5. 手術過程中的暫時存放

- 5-1 將導線置於一盆肝素生理食鹽水溶液中清洗，以移除“泰爾茂”嵐鋸路導引導線上所殘留的血漬，如果仍有任何血跡留在導線上，則用沾有肝素生理食鹽水溶液的無菌紗布擦拭一次。

- 5-2 將“泰爾茂”嵐鋸路導引導線再插入支架中，填滿肝素化生理食鹽水溶液。

注意事項

- 如果“泰爾茂”嵐鋸路導引導線的移動不像以前一樣平順，請予以換新。

- 請勿以酒精或 gluconic acid chlorhexizin 溶液擦拭“泰爾茂”嵐鋸路導引導線，因為它們可能損壞“泰爾茂”嵐鋸路導引導線的表面。

- 請勿使用乾紗布，因其可能損壞表面塗層。

6. 更換氣球擴張導管時

注意事項

小心閱讀以下指示和氣球擴張導管所附的操作說明。

180 cm 導線

<和“Over-The-Wire”擴張導管併用>

- 抽回／插入導管前，先以延伸導線使“泰爾茂”嵐認路導引導線延長。

注意事項

在抽回和“泰爾茂”嵐認路導引導線併用的 Over-The-Wire 擴張導管時，請緩慢操作“泰爾茂”嵐認路導引導線，藉由連接到針筒或注射器的導線管腔，注入肝素化生理食鹽水溶液或顯影劑，小心確認嵐認路 NS 遠端的狀態，“泰爾茂”嵐認路導引導線可能會前進並損傷血管。

<和“快速更換”擴張導管併用>

- 維持“泰爾茂”嵐認路導引導線定位，在以高解析度 X 光鏡確認導線尖的位置後，小心移除／插入擴張導管。

存放注意事項

存放時請避免暴露在水、直射陽光、極端溫度和高濕度。

不良事件報告

如果在使用本本品期間或由於使用本產品而發生嚴重事故，請將其報告給製造業者和 / 或當地銷售代表和所在國家主管部門。

製造業者名稱：(O) Terumo Corporation

(P) Ashitaka Factory of Terumo Corporation

製造業者地址：(O) 44-1, 2-chome, Hatagaya, Shibuya-ku, Tokyo, Japan

(P) 150, Maimaigi-Cho, Fujinomiya City, Shiznoka Prefecture, Japan.

醫療器材商名稱：台灣泰爾茂醫療產品股份有限公司

醫療器材商地址：臺北市中正區忠孝西路一段 4 號 8 樓

產品型號

Code	Type	Diameter (inch)	Wire Length	Spring Coil Length	Radiopaque Segment	Hydrophilic coating	Tip Shape
CW-RS1418EH	Extra Floppy	0.014	180cm	30cm	3cm	29.8cm	Straight
CW-RS1418FH	Floppy	0.014	180cm	30cm	3cm	29.8cm	Straight
CW-RS1418IH	Intermediate	0.014	180cm	30cm	3cm	29.8cm	Straight
CW-RS1418SH	Standard	0.014	180cm	30cm	3cm	29.8cm	Straight
CW-RS1418HH	Hard	0.014	180cm	30cm	3cm	29.8cm	Straight
CW-RS1418PH	Power Support	0.014	180cm	30cm	3cm	29.8cm	Straight
CW-RS1430EH	Extra Floppy	0.014	180cm	30cm	3cm	29.8cm	Straight
CW-RS1430FH	Floppy	0.014	180cm	30cm	3cm	29.8cm	Straight
CW-RS1430IH	Intermediate	0.014	180cm	30cm	3cm	29.8cm	Straight
CW-RS1430SH	Standard	0.014	180cm	30cm	3cm	29.8cm	Straight
CW-RS1418PH	Power Support	0.014	180cm	30cm	3cm	29.8cm	Straight
CW-RS1418HH	Hard	0.014	180cm	30cm	3cm	29.8cm	Straight

Product Code Number	Shaft Material	Tip Shape	Diameter	Length	Flex type	Coating
TW-AS418IH(Z)	NiTi + Stainless	Straight	0.014"	180cm	Intermediate	Full coat (Hydrophilic)
TW-AS418IA(Z)	NiTi + Stainless	Straight	0.014"	180cm	Intermediate	Tip coat (Hydrophilic)
TW-AS418IS(Z)	NiTi + Stainless	Straight	0.014"	180cm	Intermediate	Full coat (Silicone)
TW-AS418FH(Z)	NiTi + Stainless	Straight	0.014"	180cm	Floppy	Full coat (Hydrophilic)
TW-AS418FA(Z)	NiTi + Stainless	Straight	0.014"	180cm	Floppy	Tip coat (Hydrophilic)
TW-AS418FS(Z)	NiTi + Stainless	Straight	0.014"	180cm	Floppy	Full coat (Silicone)
TW-AS418XH(Z)	NiTi + Stainless	Straight	0.014"	180cm	Extra Floppy	Full coat (Hydrophilic)
TW-AS418XA(Z)	NiTi + Stainless	Straight	0.014"	180cm	Extra Floppy	Tip coat (Hydrophilic)
TW-AS418XS(Z)	NiTi + Stainless	Straight	0.014"	180cm	Extra Floppy	Full coat (Silicone)
TW-AS418UH(Z)	NiTi + Stainless	Straight	0.014"	180cm	Super Hard	Full coat (Hydrophilic)
TW-AS418UA(Z)	NiTi + Stainless	Straight	0.014"	180cm	Super Hard	Tip coat (Hydrophilic)
TW-AS418US(Z)	NiTi + Stainless	Straight	0.014"	180cm	Super Hard	Full coat (Silicone)
TW-AS418TH(Z)	NiTi + Stainless	Straight	0.014"	180cm	Extra Hard	Full coat (Hydrophilic)
TW-AS418TA(Z)	NiTi + Stainless	Straight	0.014"	180cm	Extra Hard	Tip coat (Hydrophilic)
TW-AS418TS(Z)	NiTi + Stainless	Straight	0.014"	180cm	Extra Hard	Full coat (Silicone)
TW-AS418HH(Z)	NiTi + Stainless	Straight	0.014"	180cm	Hard	Full coat (Hydrophilic)
TW-AS418HA(Z)	NiTi + Stainless	Straight	0.014"	180cm	Hard	Tip coat (Hydrophilic)
TW-AS418HS(Z)	NiTi + Stainless	Straight	0.014"	180cm	Hard	Full coat (Silicone)

TW-AS418SH(Z)	NiTi + Stainless	Straight	0.014"	180cm	Standard	Full coat (Hydrophilic)
TW-AS418SA(Z)	NiTi + Stainless	Straight	0.014"	180cm	Standard	Tip coat (Hydrophilic)
TW-AS418SS(Z)	NiTi + Stainless	Straight	0.014"	180cm	Standard	Full coat (Silicone)
TW-AJ418IH(Z)	NiTi + Stainless	J angled	0.014"	180cm	Intermediate	Full coat (Hydrophilic)
TW-AJ418IA(Z)	NiTi + Stainless	J angled	0.014"	180cm	Intermediate	Tip coat (Hydrophilic)
TW-AJ418IS(Z)	NiTi + Stainless	J angled	0.014"	180cm	Intermediate	Full coat (Silicone)
TW-AJ418FH(Z)	NiTi + Stainless	J angled	0.014"	180cm	Floppy	Full coat (Hydrophilic)
TW-AJ418FA(Z)	NiTi + Stainless	J angled	0.014"	180cm	Floppy	Tip coat (Hydrophilic)
TW-AJ418FS(Z)	NiTi + Stainless	J angled	0.014"	180cm	Floppy	Full coat (Silicone)
TW-AJ418XH(Z)	NiTi + Stainless	J angled	0.014"	180cm	Extra Floppy	Full coat (Hydrophilic)
TW-AJ418XA(Z)	NiTi + Stainless	J angled	0.014"	180cm	Extra Floppy	Tip coat (Hydrophilic)
TW-AJ418XS(Z)	NiTi + Stainless	J angled	0.014"	180cm	Extra Floppy	Full coat (Silicone)
TW-AJ418UH(Z)	NiTi + Stainless	J angled	0.014"	180cm	Super Hard	Full coat (Hydrophilic)
TW-AJ418UA(Z)	NiTi + Stainless	J angled	0.014"	180cm	Super Hard	Tip coat (Hydrophilic)
TW-AJ418US(Z)	NiTi + Stainless	J angled	0.014"	180cm	Super Hard	Full coat (Silicone)
TW-AJ418TH(Z)	NiTi + Stainless	J angled	0.014"	180cm	Extra Hard	Full coat (Hydrophilic)
TW-AJ418TA(Z)	NiTi + Stainless	J angled	0.014"	180cm	Extra Hard	Tip coat (Hydrophilic)
TW-AJ418TS(Z)	NiTi + Stainless	J angled	0.014"	180cm	Extra Hard	Full coat (Silicone)
TW-AJ418HH(Z)	NiTi + Stainless	J angled	0.014"	180cm	Hard	Full coat (Hydrophilic)
TW-AJ418HA(Z)	NiTi + Stainless	J angled	0.014"	180cm	Hard	Tip coat (Hydrophilic)
TW-AJ418HS(Z)	NiTi + Stainless	J angled	0.014"	180cm	Hard	Full coat (Silicone)
TW-AJ418SH(Z)	NiTi + Stainless	J angled	0.014"	180cm	Standard	Full coat (Hydrophilic)
TW-AJ418SA(Z)	NiTi + Stainless	J angled	0.014"	180cm	Standard	Tip coat (Hydrophilic)
TW-AJ418SS(Z)	NiTi + Stainless	J angled	0.014"	180cm	Standard	Full coat (Silicone)
TW-BS418IH(Z)	NiTi + Stainless	Straight	0.014"	180cm	Intermediate	Full coat (Hydrophilic)
TW-BS418IA(Z)	NiTi + Stainless	Straight	0.014"	180cm	Intermediate	Tip coat (Hydrophilic)
TW-BS418IS(Z)	NiTi + Stainless	Straight	0.014"	180cm	Intermediate	Full coat (Silicone)

TW-BS418FH(Z)	NiTi + Stainless	Straight	0.014"	180cm	Floppy	Full coat (Hydrophilic)
TW-BS418FA(Z)	NiTi + Stainless	Straight	0.014"	180cm	Floppy	Tip coat (Hydrophilic)
TW-BS418FS(Z)	NiTi + Stainless	Straight	0.014"	180cm	Floppy	Full coat (Silicone)
TW-BS418XH(Z)	NiTi + Stainless	Straight	0.014"	180cm	Extra Floppy	Full coat (Hydrophilic)
TW-BS418XA(Z)	NiTi + Stainless	Straight	0.014"	180cm	Extra Floppy	Tip coat (Hydrophilic)
TW-BS418XS(Z)	NiTi + Stainless	Straight	0.014"	180cm	Extra Floppy	Full coat (Silicone)
TW-BS418UH(Z)	NiTi + Stainless	Straight	0.014"	180cm	Super Hard	Full coat (Hydrophilic)
TW-BS418UA(Z)	NiTi + Stainless	Straight	0.014"	180cm	Super Hard	Tip coat (Hydrophilic)
TW-BS418US(Z)	NiTi + Stainless	Straight	0.014"	180cm	Super Hard	Full coat (Silicone)
TW-BS418TH(Z)	NiTi + Stainless	Straight	0.014"	180cm	Extra Hard	Full coat (Hydrophilic)
TW-BS418TA(Z)	NiTi + Stainless	Straight	0.014"	180cm	Extra Hard	Tip coat (Hydrophilic)
TW-BS418TS(Z)	NiTi + Stainless	Straight	0.014"	180cm	Extra Hard	Full coat (Silicone)
TW-BS418HH(Z)	NiTi + Stainless	Straight	0.014"	180cm	Hard	Full coat (Hydrophilic)
TW-BS418HA(Z)	NiTi + Stainless	Straight	0.014"	180cm	Hard	Tip coat (Hydrophilic)
TW-BS418HS(Z)	NiTi + Stainless	Straight	0.014"	180cm	Hard	Full coat (Silicone)
TW-BS418SH(Z)	NiTi + Stainless	Straight	0.014"	180cm	Standard	Full coat (Hydrophilic)
TW-BS418SA(Z)	NiTi + Stainless	Straight	0.014"	180cm	Standard	Tip coat (Hydrophilic)
TW-BS418SS(Z)	NiTi + Stainless	Straight	0.014"	180cm	Standard	Full coat (Silicone)
TW-BJ418IH(Z)	NiTi + Stainless	J angled	0.014"	180cm	Intermediate	Full coat (Hydrophilic)
TW-BJ418IA(Z)	NiTi + Stainless	J angled	0.014"	180cm	Intermediate	Tip coat (Hydrophilic)
TW-BJ418IS(Z)	NiTi + Stainless	J angled	0.014"	180cm	Intermediate	Full coat (Silicone)
TW-BJ418FH(Z)	NiTi + Stainless	J angled	0.014"	180cm	Floppy	Full coat (Hydrophilic)
TW-BJ418FA(Z)	NiTi + Stainless	J angled	0.014"	180cm	Floppy	Tip coat (Hydrophilic)
TW-BJ418FS(Z)	NiTi + Stainless	J angled	0.014"	180cm	Floppy	Full coat (Silicone)
TW-BJ418XH(Z)	NiTi + Stainless	J angled	0.014"	180cm	Extra Floppy	Full coat (Hydrophilic)
TW-BJ418XA(Z)	NiTi + Stainless	J angled	0.014"	180cm	Extra Floppy	Tip coat (Hydrophilic)
TW-BJ418XS(Z)	NiTi + Stainless	J angled	0.014"	180cm	Extra Floppy	Full coat (Silicone)

TW-BJ418UH(Z)	NiTi + Stainless	J angled	0.014"	180cm	Super Hard	Full coat (Hydrophilic)
TW-BJ418UA(Z)	NiTi + Stainless	J angled	0.014"	180cm	Super Hard	Tip coat (Hydrophilic)
TW-BJ418US(Z)	NiTi + Stainless	J angled	0.014"	180cm	Super Hard	Full coat (Silicone)
TW-BJ418TH(Z)	NiTi + Stainless	J angled	0.014"	180cm	Extra Hard	Full coat (Hydrophilic)
TW-BJ418TA(Z)	NiTi + Stainless	J angled	0.014"	180cm	Extra Hard	Tip coat (Hydrophilic)
TW-BJ418TS(Z)	NiTi + Stainless	J angled	0.014"	180cm	Extra Hard	Full coat (Silicone)
TW-BJ418HH(Z)	NiTi + Stainless	J angled	0.014"	180cm	Hard	Full coat (Hydrophilic)
TW-BJ418HA(Z)	NiTi + Stainless	J angled	0.014"	180cm	Hard	Tip coat (Hydrophilic)
TW-BJ418HS(Z)	NiTi + Stainless	J angled	0.014"	180cm	Hard	Full coat (Silicone)
TW-BJ418SH(Z)	NiTi + Stainless	J angled	0.014"	180cm	Standard	Full coat (Hydrophilic)
TW-BJ418SA(Z)	NiTi + Stainless	J angled	0.014"	180cm	Standard	Tip coat (Hydrophilic)
TW-BJ418SS(Z)	NiTi + Stainless	J angled	0.014"	180cm	Standard	Full coat (Silicone)
TW-CS418IH(Z)	NiTi + Cobalt Alloy	Straight	0.014"	180cm	Intermediate	Full coat (Hydrophilic)
TW-CS418IA(Z)	NiTi + Cobalt Alloy	Straight	0.014"	180cm	Intermediate	Tip coat (Hydrophilic)
TW-CS418IS(Z)	NiTi + Cobalt Alloy	Straight	0.014"	180cm	Intermediate	Full coat (Silicone)
TW-CS418FH(Z)	NiTi + Cobalt Alloy	Straight	0.014"	180cm	Floppy	Full coat (Hydrophilic)
TW-CS418FA(Z)	NiTi + Cobalt Alloy	Straight	0.014"	180cm	Floppy	Tip coat (Hydrophilic)
TW-CS418FS(Z)	NiTi + Cobalt Alloy	Straight	0.014"	180cm	Floppy	Full coat (Silicone)
TW-CS418XH(Z)	NiTi + Cobalt Alloy	Straight	0.014"	180cm	Extra Floppy	Full coat (Hydrophilic)
TW-CS418XA(Z)	NiTi + Cobalt Alloy	Straight	0.014"	180cm	Extra Floppy	Tip coat (Hydrophilic)
TW-CS418XS(Z)	NiTi + Cobalt Alloy	Straight	0.014"	180cm	Extra Floppy	Full coat (Silicone)
TW-CS418UH(Z)	NiTi + Cobalt Alloy	Straight	0.014"	180cm	Super Hard	Full coat (Hydrophilic)
TW-CS418UA(Z)	NiTi + Cobalt Alloy	Straight	0.014"	180cm	Super Hard	Tip coat (Hydrophilic)
TW-CS418US(Z)	NiTi + Cobalt Alloy	Straight	0.014"	180cm	Super Hard	Full coat (Silicone)
TW-CS418TH(Z)	NiTi + Cobalt Alloy	Straight	0.014"	180cm	Extra Hard	Full coat (Hydrophilic)
TW-CS418TA(Z)	NiTi + Cobalt Alloy	Straight	0.014"	180cm	Extra Hard	Tip coat (Hydrophilic)
TW-CS418TS(Z)	NiTi + Cobalt Alloy	Straight	0.014"	180cm	Extra Hard	Full coat (Silicone)

TW-CS418HH(Z)	NiTi + Cobalt Alloy	Straight	0.014"	180cm	Hard	Full coat (Hydrophilic)
TW-CS418HA(Z)	NiTi + Cobalt Alloy	Straight	0.014"	180cm	Hard	Tip coat (Hydrophilic)
TW-CS418HS(Z)	NiTi + Cobalt Alloy	Straight	0.014"	180cm	Hard	Full coat (Silicone)
TW-CS418SH(Z)	NiTi + Cobalt Alloy	Straight	0.014"	180cm	Standard	Full coat (Hydrophilic)
TW-CS418SA(Z)	NiTi + Cobalt Alloy	Straight	0.014"	180cm	Standard	Tip coat (Hydrophilic)
TW-CS418SS(Z)	NiTi + Cobalt Alloy	Straight	0.014"	180cm	Standard	Full coat (Silicone)
TW-CJ418IH(Z)	NiTi + Cobalt Alloy	J angled	0.014"	180cm	Intermediate	Full coat (Hydrophilic)
TW-CJ418IA(Z)	NiTi + Cobalt Alloy	J angled	0.014"	180cm	Intermediate	Tip coat (Hydrophilic)
TW-CJ418IS(Z)	NiTi + Cobalt Alloy	J angled	0.014"	180cm	Intermediate	Full coat (Silicone)
TW-CJ418FH(Z)	NiTi + Cobalt Alloy	J angled	0.014"	180cm	Floppy	Full coat (Hydrophilic)
TW-CJ418FA(Z)	NiTi + Cobalt Alloy	J angled	0.014"	180cm	Floppy	Tip coat (Hydrophilic)
TW-CJ418FS(Z)	NiTi + Cobalt Alloy	J angled	0.014"	180cm	Floppy	Full coat (Silicone)
TW-CJ418XH(Z)	NiTi + Cobalt Alloy	J angled	0.014"	180cm	Extra Floppy	Full coat (Hydrophilic)
TW-CJ418XA(Z)	NiTi + Cobalt Alloy	J angled	0.014"	180cm	Extra Floppy	Tip coat (Hydrophilic)
TW-CJ418XS(Z)	NiTi + Cobalt Alloy	J angled	0.014"	180cm	Extra Floppy	Full coat (Silicone)
TW-CJ418UH(Z)	NiTi + Cobalt Alloy	J angled	0.014"	180cm	Super Hard	Full coat (Hydrophilic)
TW-CJ418UA(Z)	NiTi + Cobalt Alloy	J angled	0.014"	180cm	Super Hard	Tip coat (Hydrophilic)
TW-CJ418US(Z)	NiTi + Cobalt Alloy	J angled	0.014"	180cm	Super Hard	Full coat (Silicone)
TW-CJ418TH(Z)	NiTi + Cobalt Alloy	J angled	0.014"	180cm	Extra Hard	Full coat (Hydrophilic)
TW-CJ418TA(Z)	NiTi + Cobalt Alloy	J angled	0.014"	180cm	Extra Hard	Tip coat (Hydrophilic)
TW-CJ418TS(Z)	NiTi + Cobalt Alloy	J angled	0.014"	180cm	Extra Hard	Full coat (Silicone)
TW-CJ418HH(Z)	NiTi + Cobalt Alloy	J angled	0.014"	180cm	Hard	Full coat (Hydrophilic)
TW-CJ418HA(Z)	NiTi + Cobalt Alloy	J angled	0.014"	180cm	Hard	Tip coat (Hydrophilic)
TW-CJ418HS(Z)	NiTi + Cobalt Alloy	J angled	0.014"	180cm	Hard	Full coat (Silicone)
TW-CJ418SH(Z)	NiTi + Cobalt Alloy	J angled	0.014"	180cm	Standard	Full coat (Hydrophilic)
TW-CJ418SA(Z)	NiTi + Cobalt Alloy	J angled	0.014"	180cm	Standard	Tip coat (Hydrophilic)
TW-CJ418SS(Z)	NiTi + Cobalt Alloy	J angled	0.014"	180cm	Standard	Full coat (Silicone)

TW-XS418IH(Z)	Stainless	Straight	0.014"	180cm	Intermediate	Full coat (Hydrophilic)
TW-XS418IA(Z)	Stainless	Straight	0.014"	180cm	Intermediate	Tip coat (Hydrophilic)
TW-XS418IS(Z)	Stainless	Straight	0.014"	180cm	Intermediate	Full coat (Silicone)
TW-XS418FH(Z)	Stainless	Straight	0.014"	180cm	Floppy	Full coat (Hydrophilic)
TW-XS418FA(Z)	Stainless	Straight	0.014"	180cm	Floppy	Tip coat (Hydrophilic)
TW-XS418FS(Z)	Stainless	Straight	0.014"	180cm	Floppy	Full coat (Silicone)
TW-XS418XH(Z)	Stainless	Straight	0.014"	180cm	Extra Floppy	Full coat (Hydrophilic)
TW-XS418XA(Z)	Stainless	Straight	0.014"	180cm	Extra Floppy	Tip coat (Hydrophilic)
TW-XS418XS(Z)	Stainless	Straight	0.014"	180cm	Extra Floppy	Full coat (Silicone)
TW-XS418UH(Z)	Stainless	Straight	0.014"	180cm	Super Hard	Full coat (Hydrophilic)
TW-XS418UA(Z)	Stainless	Straight	0.014"	180cm	Super Hard	Tip coat (Hydrophilic)
TW-XS418US(Z)	Stainless	Straight	0.014"	180cm	Super Hard	Full coat (Silicone)
TW-XS418TH(Z)	Stainless	Straight	0.014"	180cm	Extra Hard	Full coat (Hydrophilic)
TW-XS418TA(Z)	Stainless	Straight	0.014"	180cm	Extra Hard	Tip coat (Hydrophilic)
TW-XS418TS(Z)	Stainless	Straight	0.014"	180cm	Extra Hard	Full coat (Silicone)
TW-XS418HH(Z)	Stainless	Straight	0.014"	180cm	Hard	Full coat (Hydrophilic)
TW-XS418HA(Z)	Stainless	Straight	0.014"	180cm	Hard	Tip coat (Hydrophilic)
TW-XS418HS(Z)	Stainless	Straight	0.014"	180cm	Hard	Full coat (Silicone)
TW-XS418SH(Z)	Stainless	Straight	0.014"	180cm	Standard	Full coat (Hydrophilic)
TW-XS418SA(Z)	Stainless	Straight	0.014"	180cm	Standard	Tip coat (Hydrophilic)
TW-XS418SS(Z)	Stainless	Straight	0.014"	180cm	Standard	Full coat (Silicone)
TW-XJ418IH(Z)	Stainless	J angled	0.014"	180cm	Intermediate	Full coat (Hydrophilic)
TW-XJ418IA(Z)	Stainless	J angled	0.014"	180cm	Intermediate	Tip coat (Hydrophilic)
TW-XJ418IS(Z)	Stainless	J angled	0.014"	180cm	Intermediate	Full coat (Silicone)
TW-XJ418FH(Z)	Stainless	J angled	0.014"	180cm	Floppy	Full coat (Hydrophilic)
TW-XJ418FA(Z)	Stainless	J angled	0.014"	180cm	Floppy	Tip coat (Hydrophilic)
TW-XJ418FS(Z)	Stainless	J angled	0.014"	180cm	Floppy	Full coat (Silicone)

TW-XJ418XH(Z)	Stainless	J angled	0.014"	180cm	Extra Floppy	Full coat (Hydrophilic)
TW-XJ418XA(Z)	Stainless	J angled	0.014"	180cm	Extra Floppy	Tip coat (Hydrophilic)
TW-XJ418XS(Z)	Stainless	J angled	0.014"	180cm	Extra Floppy	Full coat (Silicone)
TW-XJ418UH(Z)	Stainless	J angled	0.014"	180cm	Super Hard	Full coat (Hydrophilic)
TW-XJ418UA(Z)	Stainless	J angled	0.014"	180cm	Super Hard	Tip coat (Hydrophilic)
TW-XJ418US(Z)	Stainless	J angled	0.014"	180cm	Super Hard	Full coat (Silicone)
TW-XJ418TH(Z)	Stainless	J angled	0.014"	180cm	Extra Hard	Full coat (Hydrophilic)
TW-XJ418TA(Z)	Stainless	J angled	0.014"	180cm	Extra Hard	Tip coat (Hydrophilic)
TW-XJ418TS(Z)	Stainless	J angled	0.014"	180cm	Extra Hard	Full coat (Silicone)
TW-XJ418HH(Z)	Stainless	J angled	0.014"	180cm	Hard	Full coat (Hydrophilic)
TW-XJ418HA(Z)	Stainless	J angled	0.014"	180cm	Hard	Tip coat (Hydrophilic)
TW-XJ418HS(Z)	Stainless	J angled	0.014"	180cm	Hard	Full coat (Silicone)
TW-XJ418SH(Z)	Stainless	J angled	0.014"	180cm	Standard	Full coat (Hydrophilic)
TW-XJ418SA(Z)	Stainless	J angled	0.014"	180cm	Standard	Tip coat (Hydrophilic)
TW-XJ418SS(Z)	Stainless	J angled	0.014"	180cm	Standard	Full coat (Silicone)
TW-YS418IH(Z)	Stainless	Straight	0.014"	180cm	Intermediate	Full coat (Hydrophilic)
TW-YS418IA(Z)	Stainless	Straight	0.014"	180cm	Intermediate	Tip coat (Hydrophilic)
TW-YS418IS(Z)	Stainless	Straight	0.014"	180cm	Intermediate	Full coat (Silicone)
TW-YS418FH(Z)	Stainless	Straight	0.014"	180cm	Floppy	Full coat (Hydrophilic)
TW-YS418FA(Z)	Stainless	Straight	0.014"	180cm	Floppy	Tip coat (Hydrophilic)
TW-YS418FS(Z)	Stainless	Straight	0.014"	180cm	Floppy	Full coat (Silicone)
TW-YS418XH(Z)	Stainless	Straight	0.014"	180cm	Extra Floppy	Full coat (Hydrophilic)
TW-YS418XA(Z)	Stainless	Straight	0.014"	180cm	Extra Floppy	Tip coat (Hydrophilic)
TW-YS418XS(Z)	Stainless	Straight	0.014"	180cm	Extra Floppy	Full coat (Silicone)
TW-YS418UH(Z)	Stainless	Straight	0.014"	180cm	Super Hard	Full coat (Hydrophilic)
TW-YS418UA(Z)	Stainless	Straight	0.014"	180cm	Super Hard	Tip coat (Hydrophilic)
TW-YS418US(Z)	Stainless	Straight	0.014"	180cm	Super Hard	Full coat (Silicone)

TW-YS418TH(Z)	Stainless	Straight	0.014"	180cm	Extra Hard	Full coat (Hydrophilic)
TW-YS418TA(Z)	Stainless	Straight	0.014"	180cm	Extra Hard	Tip coat (Hydrophilic)
TW-YS418TS(Z)	Stainless	Straight	0.014"	180cm	Extra Hard	Full coat (Silicone)
TW-YS418HH(Z)	Stainless	Straight	0.014"	180cm	Hard	Full coat (Hydrophilic)
TW-YS418HA(Z)	Stainless	Straight	0.014"	180cm	Hard	Tip coat (Hydrophilic)
TW-YS418HS(Z)	Stainless	Straight	0.014"	180cm	Hard	Full coat (Silicone)
TW-YS418SH(Z)	Stainless	Straight	0.014"	180cm	Standard	Full coat (Hydrophilic)
TW-YS418SA(Z)	Stainless	Straight	0.014"	180cm	Standard	Tip coat (Hydrophilic)
TW-YS418SS(Z)	Stainless	Straight	0.014"	180cm	Standard	Full coat (Silicone)
TW-YJ418IH(Z)	Stainless	J angled	0.014"	180cm	Intermediate	Full coat (Hydrophilic)
TW-YJ418IA(Z)	Stainless	J angled	0.014"	180cm	Intermediate	Tip coat (Hydrophilic)
TW-YJ418IS(Z)	Stainless	J angled	0.014"	180cm	Intermediate	Full coat (Silicone)
TW-YJ418FH(Z)	Stainless	J angled	0.014"	180cm	Floppy	Full coat (Hydrophilic)
TW-YJ418FA(Z)	Stainless	J angled	0.014"	180cm	Floppy	Tip coat (Hydrophilic)
TW-YJ418FS(Z)	Stainless	J angled	0.014"	180cm	Floppy	Full coat (Silicone)
TW-YJ418XH(Z)	Stainless	J angled	0.014"	180cm	Extra Floppy	Full coat (Hydrophilic)
TW-YJ418XA(Z)	Stainless	J angled	0.014"	180cm	Extra Floppy	Tip coat (Hydrophilic)
TW-YJ418XS(Z)	Stainless	J angled	0.014"	180cm	Extra Floppy	Full coat (Silicone)
TW-YJ418UH(Z)	Stainless	J angled	0.014"	180cm	Super Hard	Full coat (Hydrophilic)
TW-YJ418UA(Z)	Stainless	J angled	0.014"	180cm	Super Hard	Tip coat (Hydrophilic)
TW-YJ418US(Z)	Stainless	J angled	0.014"	180cm	Super Hard	Full coat (Silicone)
TW-YJ418TH(Z)	Stainless	J angled	0.014"	180cm	Extra Hard	Full coat (Hydrophilic)
TW-YJ418TA(Z)	Stainless	J angled	0.014"	180cm	Extra Hard	Tip coat (Hydrophilic)
TW-YJ418TS(Z)	Stainless	J angled	0.014"	180cm	Extra Hard	Full coat (Silicone)
TW-YJ418HH(Z)	Stainless	J angled	0.014"	180cm	Hard	Full coat (Hydrophilic)
TW-YJ418HA(Z)	Stainless	J angled	0.014"	180cm	Hard	Tip coat (Hydrophilic)
TW-YJ418HS(Z)	Stainless	J angled	0.014"	180cm	Hard	Full coat (Silicone)

TW-YJ418SH(Z)	Stainless	J angled	0.014"	180cm	Standard	Full coat (Hydrophilic)
TW-YJ418SA(Z)	Stainless	J angled	0.014"	180cm	Standard	Tip coat (Hydrophilic)
TW-YJ418SS(Z)	Stainless	J angled	0.014"	180cm	Standard	Full coat (Silicone)
TW-ZS418IH(Z)	Cobalt Alloy	Straight	0.014"	180cm	Intermediate	Full coat (Hydrophilic)
TW-ZS418IA(Z)	Cobalt Alloy	Straight	0.014"	180cm	Intermediate	Tip coat (Hydrophilic)
TW-ZS418IS(Z)	Cobalt Alloy	Straight	0.014"	180cm	Intermediate	Full coat (Silicone)
TW-ZS418FH(Z)	Cobalt Alloy	Straight	0.014"	180cm	Floppy	Full coat (Hydrophilic)
TW-ZS418FA(Z)	Cobalt Alloy	Straight	0.014"	180cm	Floppy	Tip coat (Hydrophilic)
TW-ZS418FS(Z)	Cobalt Alloy	Straight	0.014"	180cm	Floppy	Full coat (Silicone)
TW-ZS418XH(Z)	Cobalt Alloy	Straight	0.014"	180cm	Extra Floppy	Full coat (Hydrophilic)
TW-ZS418XA(Z)	Cobalt Alloy	Straight	0.014"	180cm	Extra Floppy	Tip coat (Hydrophilic)
TW-ZS418XS(Z)	Cobalt Alloy	Straight	0.014"	180cm	Extra Floppy	Full coat (Silicone)
TW-ZS418UH(Z)	Cobalt Alloy	Straight	0.014"	180cm	Super Hard	Full coat (Hydrophilic)
TW-ZS418UA(Z)	Cobalt Alloy	Straight	0.014"	180cm	Super Hard	Tip coat (Hydrophilic)
TW-ZS418US(Z)	Cobalt Alloy	Straight	0.014"	180cm	Super Hard	Full coat (Silicone)
TW-ZS418TH(Z)	Cobalt Alloy	Straight	0.014"	180cm	Extra Hard	Full coat (Hydrophilic)
TW-ZS418TA(Z)	Cobalt Alloy	Straight	0.014"	180cm	Extra Hard	Tip coat (Hydrophilic)
TW-ZS418TS(Z)	Cobalt Alloy	Straight	0.014"	180cm	Extra Hard	Full coat (Silicone)
TW-ZS418HH(Z)	Cobalt Alloy	Straight	0.014"	180cm	Hard	Full coat (Hydrophilic)
TW-ZS418HA(Z)	Cobalt Alloy	Straight	0.014"	180cm	Hard	Tip coat (Hydrophilic)
TW-ZS418HS(Z)	Cobalt Alloy	Straight	0.014"	180cm	Hard	Full coat (Silicone)
TW-ZS418SH(Z)	Cobalt Alloy	Straight	0.014"	180cm	Standard	Full coat (Hydrophilic)
TW-ZS418SA(Z)	Cobalt Alloy	Straight	0.014"	180cm	Standard	Tip coat (Hydrophilic)
TW-ZS418SS(Z)	Cobalt Alloy	Straight	0.014"	180cm	Standard	Full coat (Silicone)
TW-ZJ418IH(Z)	Cobalt Alloy	J angled	0.014"	180cm	Intermediate	Full coat (Hydrophilic)
TW-ZJ418IA(Z)	Cobalt Alloy	J angled	0.014"	180cm	Intermediate	Tip coat (Hydrophilic)
TW-ZJ418IS(Z)	Cobalt Alloy	J angled	0.014"	180cm	Intermediate	Full coat (Silicone)

TW-ZJ418FH(Z)	Cobalt Alloy	J angled	0.014"	180cm	Floppy	Full coat (Hydrophilic)
TW-ZJ418FA(Z)	Cobalt Alloy	J angled	0.014"	180cm	Floppy	Tip coat (Hydrophilic)
TW-ZJ418FS(Z)	Cobalt Alloy	J angled	0.014"	180cm	Floppy	Full coat (Silicone)
TW-ZJ418XH(Z)	Cobalt Alloy	J angled	0.014"	180cm	Extra Floppy	Full coat (Hydrophilic)
TW-ZJ418XA(Z)	Cobalt Alloy	J angled	0.014"	180cm	Extra Floppy	Tip coat (Hydrophilic)
TW-ZJ418XS(Z)	Cobalt Alloy	J angled	0.014"	180cm	Extra Floppy	Full coat (Silicone)
TW-ZJ418UH(Z)	Cobalt Alloy	J angled	0.014"	180cm	Super Hard	Full coat (Hydrophilic)
TW-ZJ418UA(Z)	Cobalt Alloy	J angled	0.014"	180cm	Super Hard	Tip coat (Hydrophilic)
TW-ZJ418US(Z)	Cobalt Alloy	J angled	0.014"	180cm	Super Hard	Full coat (Silicone)
TW-ZJ418TH(Z)	Cobalt Alloy	J angled	0.014"	180cm	Extra Hard	Full coat (Hydrophilic)
TW-ZJ418TA(Z)	Cobalt Alloy	J angled	0.014"	180cm	Extra Hard	Tip coat (Hydrophilic)
TW-ZJ418TS(Z)	Cobalt Alloy	J angled	0.014"	180cm	Extra Hard	Full coat (Silicone)
TW-ZJ418HH(Z)	Cobalt Alloy	J angled	0.014"	180cm	Hard	Full coat (Hydrophilic)
TW-ZJ418HA(Z)	Cobalt Alloy	J angled	0.014"	180cm	Hard	Tip coat (Hydrophilic)
TW-ZJ418HS(Z)	Cobalt Alloy	J angled	0.014"	180cm	Hard	Full coat (Silicone)
TW-ZJ418SH(Z)	Cobalt Alloy	J angled	0.014"	180cm	Standard	Full coat (Hydrophilic)
TW-ZJ418SA(Z)	Cobalt Alloy	J angled	0.014"	180cm	Standard	Tip coat (Hydrophilic)
TW-ZJ418SS(Z)	Cobalt Alloy	J angled	0.014"	180cm	Standard	Full coat (Silicone)
TW-AS430IH(Z)	NiTi + Stainless	Straight	0.014"	300cm	Intermediate	Full coat (Hydrophilic)
TW-AS430IA(Z)	NiTi + Stainless	Straight	0.014"	300cm	Intermediate	Tip coat (Hydrophilic)
TW-AS430IS(Z)	NiTi + Stainless	Straight	0.014"	300cm	Intermediate	Full coat (Silicone)
TW-AS430FH(Z)	NiTi + Stainless	Straight	0.014"	300cm	Floppy	Full coat (Hydrophilic)
TW-AS430FA(Z)	NiTi + Stainless	Straight	0.014"	300cm	Floppy	Tip coat (Hydrophilic)
TW-AS430FS(Z)	NiTi + Stainless	Straight	0.014"	300cm	Floppy	Full coat (Silicone)
TW-AS430XH(Z)	NiTi + Stainless	Straight	0.014"	300cm	Extra Floppy	Full coat (Hydrophilic)
TW-AS430XA(Z)	NiTi + Stainless	Straight	0.014"	300cm	Extra Floppy	Tip coat (Hydrophilic)
TW-AS430XS(Z)	NiTi + Stainless	Straight	0.014"	300cm	Extra Floppy	Full coat (Silicone)

TW-AS430UH(Z)	NiTi + Stainless	Straight	0.014"	300cm	Super Hard	Full coat (Hydrophilic)
TW-AS430UA(Z)	NiTi + Stainless	Straight	0.014"	300cm	Super Hard	Tip coat (Hydrophilic)
TW-AS430US(Z)	NiTi + Stainless	Straight	0.014"	300cm	Super Hard	Full coat (Silicone)
TW-AS430TH(Z)	NiTi + Stainless	Straight	0.014"	300cm	Extra Hard	Full coat (Hydrophilic)
TW-AS430TA(Z)	NiTi + Stainless	Straight	0.014"	300cm	Extra Hard	Tip coat (Hydrophilic)
TW-AS430TS(Z)	NiTi + Stainless	Straight	0.014"	300cm	Extra Hard	Full coat (Silicone)
TW-AS430HH(Z)	NiTi + Stainless	Straight	0.014"	300cm	Hard	Full coat (Hydrophilic)
TW-AS430HA(Z)	NiTi + Stainless	Straight	0.014"	300cm	Hard	Tip coat (Hydrophilic)
TW-AS430HS(Z)	NiTi + Stainless	Straight	0.014"	300cm	Hard	Full coat (Silicone)
TW-AS430SH(Z)	NiTi + Stainless	Straight	0.014"	300cm	Standard	Full coat (Hydrophilic)
TW-AS430SA(Z)	NiTi + Stainless	Straight	0.014"	300cm	Standard	Tip coat (Hydrophilic)
TW-AS430SS(Z)	NiTi + Stainless	Straight	0.014"	300cm	Standard	Full coat (Silicone)
TW-AJ430IH(Z)	NiTi + Stainless	J angled	0.014"	300cm	Intermediate	Full coat (Hydrophilic)
TW-AJ430IA(Z)	NiTi + Stainless	J angled	0.014"	300cm	Intermediate	Tip coat (Hydrophilic)
TW-AJ430IS(Z)	NiTi + Stainless	J angled	0.014"	300cm	Intermediate	Full coat (Silicone)
TW-AJ430FH(Z)	NiTi + Stainless	J angled	0.014"	300cm	Floppy	Full coat (Hydrophilic)
TW-AJ430FA(Z)	NiTi + Stainless	J angled	0.014"	300cm	Floppy	Tip coat (Hydrophilic)
TW-AJ430FS(Z)	NiTi + Stainless	J angled	0.014"	300cm	Floppy	Full coat (Silicone)
TW-AJ430XH(Z)	NiTi + Stainless	J angled	0.014"	300cm	Extra Floppy	Full coat (Hydrophilic)
TW-AJ430XA(Z)	NiTi + Stainless	J angled	0.014"	300cm	Extra Floppy	Tip coat (Hydrophilic)
TW-AJ430XS(Z)	NiTi + Stainless	J angled	0.014"	300cm	Extra Floppy	Full coat (Silicone)
TW-AJ430UH(Z)	NiTi + Stainless	J angled	0.014"	300cm	Super Hard	Full coat (Hydrophilic)
TW-AJ430UA(Z)	NiTi + Stainless	J angled	0.014"	300cm	Super Hard	Tip coat (Hydrophilic)
TW-AJ430US(Z)	NiTi + Stainless	J angled	0.014"	300cm	Super Hard	Full coat (Silicone)
TW-AJ430TH(Z)	NiTi + Stainless	J angled	0.014"	300cm	Extra Hard	Full coat (Hydrophilic)
TW-AJ430TA(Z)	NiTi + Stainless	J angled	0.014"	300cm	Extra Hard	Tip coat (Hydrophilic)
TW-AJ430TS(Z)	NiTi + Stainless	J angled	0.014"	300cm	Extra Hard	Full coat (Silicone)

TW-AJ430HH(Z)	NiTi + Stainless	J angled	0.014"	300cm	Hard	Full coat (Hydrophilic)
TW-AJ430HA(Z)	NiTi + Stainless	J angled	0.014"	300cm	Hard	Tip coat (Hydrophilic)
TW-AJ430HS(Z)	NiTi + Stainless	J angled	0.014"	300cm	Hard	Full coat (Silicone)
TW-AJ430SH(Z)	NiTi + Stainless	J angled	0.014"	300cm	Standard	Full coat (Hydrophilic)
TW-AJ430SA(Z)	NiTi + Stainless	J angled	0.014"	300cm	Standard	Tip coat (Hydrophilic)
TW-AJ430SS(Z)	NiTi + Stainless	J angled	0.014"	300cm	Standard	Full coat (Silicone)
TW-BS430IH(Z)	NiTi + Stainless	Straight	0.014"	300cm	Intermediate	Full coat (Hydrophilic)
TW-BS430IA(Z)	NiTi + Stainless	Straight	0.014"	300cm	Intermediate	Tip coat (Hydrophilic)
TW-BS430IS(Z)	NiTi + Stainless	Straight	0.014"	300cm	Intermediate	Full coat (Silicone)
TW-BS430FH(Z)	NiTi + Stainless	Straight	0.014"	300cm	Floppy	Full coat (Hydrophilic)
TW-BS430FA(Z)	NiTi + Stainless	Straight	0.014"	300cm	Floppy	Tip coat (Hydrophilic)
TW-BS430FS(Z)	NiTi + Stainless	Straight	0.014"	300cm	Floppy	Full coat (Silicone)
TW-BS430XH(Z)	NiTi + Stainless	Straight	0.014"	300cm	Extra Floppy	Full coat (Hydrophilic)
TW-BS430XA(Z)	NiTi + Stainless	Straight	0.014"	300cm	Extra Floppy	Tip coat (Hydrophilic)
TW-BS430XS(Z)	NiTi + Stainless	Straight	0.014"	300cm	Extra Floppy	Full coat (Silicone)
TW-BS430UH(Z)	NiTi + Stainless	Straight	0.014"	300cm	Super Hard	Full coat (Hydrophilic)
TW-BS430UA(Z)	NiTi + Stainless	Straight	0.014"	300cm	Super Hard	Tip coat (Hydrophilic)
TW-BS430US(Z)	NiTi + Stainless	Straight	0.014"	300cm	Super Hard	Full coat (Silicone)
TW-BS430TH(Z)	NiTi + Stainless	Straight	0.014"	300cm	Extra Hard	Full coat (Hydrophilic)
TW-BS430TA(Z)	NiTi + Stainless	Straight	0.014"	300cm	Extra Hard	Tip coat (Hydrophilic)
TW-BS430TS(Z)	NiTi + Stainless	Straight	0.014"	300cm	Extra Hard	Full coat (Silicone)
TW-BS430HH(Z)	NiTi + Stainless	Straight	0.014"	300cm	Hard	Full coat (Hydrophilic)
TW-BS430HA(Z)	NiTi + Stainless	Straight	0.014"	300cm	Hard	Tip coat (Hydrophilic)
TW-BS430HS(Z)	NiTi + Stainless	Straight	0.014"	300cm	Hard	Full coat (Silicone)
TW-BS430SH(Z)	NiTi + Stainless	Straight	0.014"	300cm	Standard	Full coat (Hydrophilic)
TW-BS430SA(Z)	NiTi + Stainless	Straight	0.014"	300cm	Standard	Tip coat (Hydrophilic)
TW-BS430SS(Z)	NiTi + Stainless	Straight	0.014"	300cm	Standard	Full coat (Silicone)

TW-BJ430IH(Z)	NiTi + Stainless	J angled	0.014"	300cm	Intermediate	Full coat (Hydrophilic)
TW-BJ430IA(Z)	NiTi + Stainless	J angled	0.014"	300cm	Intermediate	Tip coat (Hydrophilic)
TW-BJ430IS(Z)	NiTi + Stainless	J angled	0.014"	300cm	Intermediate	Full coat (Silicone)
TW-BJ430FH(Z)	NiTi + Stainless	J angled	0.014"	300cm	Floppy	Full coat (Hydrophilic)
TW-BJ430FA(Z)	NiTi + Stainless	J angled	0.014"	300cm	Floppy	Tip coat (Hydrophilic)
TW-BJ430FS(Z)	NiTi + Stainless	J angled	0.014"	300cm	Floppy	Full coat (Silicone)
TW-BJ430XH(Z)	NiTi + Stainless	J angled	0.014"	300cm	Extra Floppy	Full coat (Hydrophilic)
TW-BJ430XA(Z)	NiTi + Stainless	J angled	0.014"	300cm	Extra Floppy	Tip coat (Hydrophilic)
TW-BJ430XS(Z)	NiTi + Stainless	J angled	0.014"	300cm	Extra Floppy	Full coat (Silicone)
TW-BJ430UH(Z)	NiTi + Stainless	J angled	0.014"	300cm	Super Hard	Full coat (Hydrophilic)
TW-BJ430UA(Z)	NiTi + Stainless	J angled	0.014"	300cm	Super Hard	Tip coat (Hydrophilic)
TW-BJ430US(Z)	NiTi + Stainless	J angled	0.014"	300cm	Super Hard	Full coat (Silicone)
TW-BJ430TH(Z)	NiTi + Stainless	J angled	0.014"	300cm	Extra Hard	Full coat (Hydrophilic)
TW-BJ430TA(Z)	NiTi + Stainless	J angled	0.014"	300cm	Extra Hard	Tip coat (Hydrophilic)
TW-BJ430TS(Z)	NiTi + Stainless	J angled	0.014"	300cm	Extra Hard	Full coat (Silicone)
TW-BJ430HH(Z)	NiTi + Stainless	J angled	0.014"	300cm	Hard	Full coat (Hydrophilic)
TW-BJ430HA(Z)	NiTi + Stainless	J angled	0.014"	300cm	Hard	Tip coat (Hydrophilic)
TW-BJ430HS(Z)	NiTi + Stainless	J angled	0.014"	300cm	Hard	Full coat (Silicone)
TW-BJ430SH(Z)	NiTi + Stainless	J angled	0.014"	300cm	Standard	Full coat (Hydrophilic)
TW-BJ430SA(Z)	NiTi + Stainless	J angled	0.014"	300cm	Standard	Tip coat (Hydrophilic)
TW-BJ430SS(Z)	NiTi + Stainless	J angled	0.014"	300cm	Standard	Full coat (Silicone)
TW-CS430IH(Z)	NiTi + Cobalt Alloy	Straight	0.014"	300cm	Intermediate	Full coat (Hydrophilic)
TW-CS430IA(Z)	NiTi + Cobalt Alloy	Straight	0.014"	300cm	Intermediate	Tip coat (Hydrophilic)
TW-CS430IS(Z)	NiTi + Cobalt Alloy	Straight	0.014"	300cm	Intermediate	Full coat (Silicone)
TW-CS430FH(Z)	NiTi + Cobalt Alloy	Straight	0.014"	300cm	Floppy	Full coat (Hydrophilic)
TW-CS430FA(Z)	NiTi + Cobalt Alloy	Straight	0.014"	300cm	Floppy	Tip coat (Hydrophilic)
TW-CS430FS(Z)	NiTi + Cobalt Alloy	Straight	0.014"	300cm	Floppy	Full coat (Silicone)

TW-CS430XH(Z)	NiTi + Cobalt Alloy	Straight	0.014"	300cm	Extra Floppy	Full coat (Hydrophilic)
TW-CS430XA(Z)	NiTi + Cobalt Alloy	Straight	0.014"	300cm	Extra Floppy	Tip coat (Hydrophilic)
TW-CS430XS(Z)	NiTi + Cobalt Alloy	Straight	0.014"	300cm	Extra Floppy	Full coat (Silicone)
TW-CS430UH(Z)	NiTi + Cobalt Alloy	Straight	0.014"	300cm	Super Hard	Full coat (Hydrophilic)
TW-CS430UA(Z)	NiTi + Cobalt Alloy	Straight	0.014"	300cm	Super Hard	Tip coat (Hydrophilic)
TW-CS430US(Z)	NiTi + Cobalt Alloy	Straight	0.014"	300cm	Super Hard	Full coat (Silicone)
TW-CS430TH(Z)	NiTi + Cobalt Alloy	Straight	0.014"	300cm	Extra Hard	Full coat (Hydrophilic)
TW-CS430TA(Z)	NiTi + Cobalt Alloy	Straight	0.014"	300cm	Extra Hard	Tip coat (Hydrophilic)
TW-CS430TS(Z)	NiTi + Cobalt Alloy	Straight	0.014"	300cm	Extra Hard	Full coat (Silicone)
TW-CS430HH(Z)	NiTi + Cobalt Alloy	Straight	0.014"	300cm	Hard	Full coat (Hydrophilic)
TW-CS430HA(Z)	NiTi + Cobalt Alloy	Straight	0.014"	300cm	Hard	Tip coat (Hydrophilic)
TW-CS430HS(Z)	NiTi + Cobalt Alloy	Straight	0.014"	300cm	Hard	Full coat (Silicone)
TW-CS430SH(Z)	NiTi + Cobalt Alloy	Straight	0.014"	300cm	Standard	Full coat (Hydrophilic)
TW-CS430SA(Z)	NiTi + Cobalt Alloy	Straight	0.014"	300cm	Standard	Tip coat (Hydrophilic)
TW-CS430SS(Z)	NiTi + Cobalt Alloy	Straight	0.014"	300cm	Standard	Full coat (Silicone)
TW-CJ430IH(Z)	NiTi + Cobalt Alloy	J angled	0.014"	300cm	Intermediate	Full coat (Hydrophilic)
TW-CJ430IA(Z)	NiTi + Cobalt Alloy	J angled	0.014"	300cm	Intermediate	Tip coat (Hydrophilic)
TW-CJ430IS(Z)	NiTi + Cobalt Alloy	J angled	0.014"	300cm	Intermediate	Full coat (Silicone)
TW-CJ430FH(Z)	NiTi + Cobalt Alloy	J angled	0.014"	300cm	Floppy	Full coat (Hydrophilic)
TW-CJ430FA(Z)	NiTi + Cobalt Alloy	J angled	0.014"	300cm	Floppy	Tip coat (Hydrophilic)
TW-CJ430FS(Z)	NiTi + Cobalt Alloy	J angled	0.014"	300cm	Floppy	Full coat (Silicone)
TW-CJ430XH(Z)	NiTi + Cobalt Alloy	J angled	0.014"	300cm	Extra Floppy	Full coat (Hydrophilic)
TW-CJ430XA(Z)	NiTi + Cobalt Alloy	J angled	0.014"	300cm	Extra Floppy	Tip coat (Hydrophilic)
TW-CJ430XS(Z)	NiTi + Cobalt Alloy	J angled	0.014"	300cm	Extra Floppy	Full coat (Silicone)
TW-CJ430UH(Z)	NiTi + Cobalt Alloy	J angled	0.014"	300cm	Super Hard	Full coat (Hydrophilic)
TW-CJ430UA(Z)	NiTi + Cobalt Alloy	J angled	0.014"	300cm	Super Hard	Tip coat (Hydrophilic)
TW-CJ430US(Z)	NiTi + Cobalt Alloy	J angled	0.014"	300cm	Super Hard	Full coat (Silicone)

TW-CJ430TH(Z)	NiTi + Cobalt Alloy	J angled	0.014"	300cm	Extra Hard	Full coat (Hydrophilic)
TW-CJ430TA(Z)	NiTi + Cobalt Alloy	J angled	0.014"	300cm	Extra Hard	Tip coat (Hydrophilic)
TW-CJ430TS(Z)	NiTi + Cobalt Alloy	J angled	0.014"	300cm	Extra Hard	Full coat (Silicone)
TW-CJ430HH(Z)	NiTi + Cobalt Alloy	J angled	0.014"	300cm	Hard	Full coat (Hydrophilic)
TW-CJ430HA(Z)	NiTi + Cobalt Alloy	J angled	0.014"	300cm	Hard	Tip coat (Hydrophilic)
TW-CJ430HS(Z)	NiTi + Cobalt Alloy	J angled	0.014"	300cm	Hard	Full coat (Silicone)
TW-CJ430SH(Z)	NiTi + Cobalt Alloy	J angled	0.014"	300cm	Standard	Full coat (Hydrophilic)
TW-CJ430SA(Z)	NiTi + Cobalt Alloy	J angled	0.014"	300cm	Standard	Tip coat (Hydrophilic)
TW-CJ430SS(Z)	NiTi + Cobalt Alloy	J angled	0.014"	300cm	Standard	Full coat (Silicone)
TW-XS430IH(Z)	Stainless	Straight	0.014"	300cm	Intermediate	Full coat (Hydrophilic)
TW-XS430IA(Z)	Stainless	Straight	0.014"	300cm	Intermediate	Tip coat (Hydrophilic)
TW-XS430IS(Z)	Stainless	Straight	0.014"	300cm	Intermediate	Full coat (Silicone)
TW-XS430FH(Z)	Stainless	Straight	0.014"	300cm	Floppy	Full coat (Hydrophilic)
TW-XS430FA(Z)	Stainless	Straight	0.014"	300cm	Floppy	Tip coat (Hydrophilic)
TW-XS430FS(Z)	Stainless	Straight	0.014"	300cm	Floppy	Full coat (Silicone)
TW-XS430XH(Z)	Stainless	Straight	0.014"	300cm	Extra Floppy	Full coat (Hydrophilic)
TW-XS430XA(Z)	Stainless	Straight	0.014"	300cm	Extra Floppy	Tip coat (Hydrophilic)
TW-XS430XS(Z)	Stainless	Straight	0.014"	300cm	Extra Floppy	Full coat (Silicone)
TW-XS430UH(Z)	Stainless	Straight	0.014"	300cm	Super Hard	Full coat (Hydrophilic)
TW-XS430UA(Z)	Stainless	Straight	0.014"	300cm	Super Hard	Tip coat (Hydrophilic)
TW-XS430US(Z)	Stainless	Straight	0.014"	300cm	Super Hard	Full coat (Silicone)
TW-XS430TH(Z)	Stainless	Straight	0.014"	300cm	Extra Hard	Full coat (Hydrophilic)
TW-XS430TA(Z)	Stainless	Straight	0.014"	300cm	Extra Hard	Tip coat (Hydrophilic)
TW-XS430TS(Z)	Stainless	Straight	0.014"	300cm	Extra Hard	Full coat (Silicone)
TW-XS430HH(Z)	Stainless	Straight	0.014"	300cm	Hard	Full coat (Hydrophilic)
TW-XS430HA(Z)	Stainless	Straight	0.014"	300cm	Hard	Tip coat (Hydrophilic)
TW-XS430HS(Z)	Stainless	Straight	0.014"	300cm	Hard	Full coat (Silicone)

TW-XS430SH(Z)	Stainless	Straight	0.014"	300cm	Standard	Full coat (Hydrophilic)
TW-XS430SA(Z)	Stainless	Straight	0.014"	300cm	Standard	Tip coat (Hydrophilic)
TW-XS430SS(Z)	Stainless	Straight	0.014"	300cm	Standard	Full coat (Silicone)
TW-XJ430IH(Z)	Stainless	J angled	0.014"	300cm	Intermediate	Full coat (Hydrophilic)
TW-XJ430IA(Z)	Stainless	J angled	0.014"	300cm	Intermediate	Tip coat (Hydrophilic)
TW-XJ430IS(Z)	Stainless	J angled	0.014"	300cm	Intermediate	Full coat (Silicone)
TW-XJ430FH(Z)	Stainless	J angled	0.014"	300cm	Floppy	Full coat (Hydrophilic)
TW-XJ430FA(Z)	Stainless	J angled	0.014"	300cm	Floppy	Tip coat (Hydrophilic)
TW-XJ430FS(Z)	Stainless	J angled	0.014"	300cm	Floppy	Full coat (Silicone)
TW-XJ430XH(Z)	Stainless	J angled	0.014"	300cm	Extra Floppy	Full coat (Hydrophilic)
TW-XJ430XA(Z)	Stainless	J angled	0.014"	300cm	Extra Floppy	Tip coat (Hydrophilic)
TW-XJ430XS(Z)	Stainless	J angled	0.014"	300cm	Extra Floppy	Full coat (Silicone)
TW-XJ430UH(Z)	Stainless	J angled	0.014"	300cm	Super Hard	Full coat (Hydrophilic)
TW-XJ430UA(Z)	Stainless	J angled	0.014"	300cm	Super Hard	Tip coat (Hydrophilic)
TW-XJ430US(Z)	Stainless	J angled	0.014"	300cm	Super Hard	Full coat (Silicone)
TW-XJ430TH(Z)	Stainless	J angled	0.014"	300cm	Extra Hard	Full coat (Hydrophilic)
TW-XJ430TA(Z)	Stainless	J angled	0.014"	300cm	Extra Hard	Tip coat (Hydrophilic)
TW-XJ430TS(Z)	Stainless	J angled	0.014"	300cm	Extra Hard	Full coat (Silicone)
TW-XJ430HH(Z)	Stainless	J angled	0.014"	300cm	Hard	Full coat (Hydrophilic)
TW-XJ430HA(Z)	Stainless	J angled	0.014"	300cm	Hard	Tip coat (Hydrophilic)
TW-XJ430HS(Z)	Stainless	J angled	0.014"	300cm	Hard	Full coat (Silicone)
TW-XJ430SH(Z)	Stainless	J angled	0.014"	300cm	Standard	Full coat (Hydrophilic)
TW-XJ430SA(Z)	Stainless	J angled	0.014"	300cm	Standard	Tip coat (Hydrophilic)
TW-XJ430SS(Z)	Stainless	J angled	0.014"	300cm	Standard	Full coat (Silicone)
TW-YS430IH(Z)	Stainless	Straight	0.014"	300cm	Intermediate	Full coat (Hydrophilic)
TW-YS430IA(Z)	Stainless	Straight	0.014"	300cm	Intermediate	Tip coat (Hydrophilic)
TW-YS430IS(Z)	Stainless	Straight	0.014"	300cm	Intermediate	Full coat (Silicone)

TW-YS430FH(Z)	Stainless	Straight	0.014"	300cm	Floppy	Full coat (Hydrophilic)
TW-YS430FA(Z)	Stainless	Straight	0.014"	300cm	Floppy	Tip coat (Hydrophilic)
TW-YS430FS(Z)	Stainless	Straight	0.014"	300cm	Floppy	Full coat (Silicone)
TW-YS430XH(Z)	Stainless	Straight	0.014"	300cm	Extra Floppy	Full coat (Hydrophilic)
TW-YS430XA(Z)	Stainless	Straight	0.014"	300cm	Extra Floppy	Tip coat (Hydrophilic)
TW-YS430XS(Z)	Stainless	Straight	0.014"	300cm	Extra Floppy	Full coat (Silicone)
TW-YS430UH(Z)	Stainless	Straight	0.014"	300cm	Super Hard	Full coat (Hydrophilic)
TW-YS430UA(Z)	Stainless	Straight	0.014"	300cm	Super Hard	Tip coat (Hydrophilic)
TW-YS430US(Z)	Stainless	Straight	0.014"	300cm	Super Hard	Full coat (Silicone)
TW-YS430TH(Z)	Stainless	Straight	0.014"	300cm	Extra Hard	Full coat (Hydrophilic)
TW-YS430TA(Z)	Stainless	Straight	0.014"	300cm	Extra Hard	Tip coat (Hydrophilic)
TW-YS430TS(Z)	Stainless	Straight	0.014"	300cm	Extra Hard	Full coat (Silicone)
TW-YS430HH(Z)	Stainless	Straight	0.014"	300cm	Hard	Full coat (Hydrophilic)
TW-YS430HA(Z)	Stainless	Straight	0.014"	300cm	Hard	Tip coat (Hydrophilic)
TW-YS430HS(Z)	Stainless	Straight	0.014"	300cm	Hard	Full coat (Silicone)
TW-YS430SH(Z)	Stainless	Straight	0.014"	300cm	Standard	Full coat (Hydrophilic)
TW-YS430SA(Z)	Stainless	Straight	0.014"	300cm	Standard	Tip coat (Hydrophilic)
TW-YS430SS(Z)	Stainless	Straight	0.014"	300cm	Standard	Full coat (Silicone)
TW-YJ430IH(Z)	Stainless	J angled	0.014"	300cm	Intermediate	Full coat (Hydrophilic)
TW-YJ430IA(Z)	Stainless	J angled	0.014"	300cm	Intermediate	Tip coat (Hydrophilic)
TW-YJ430IS(Z)	Stainless	J angled	0.014"	300cm	Intermediate	Full coat (Silicone)
TW-YJ430FH(Z)	Stainless	J angled	0.014"	300cm	Floppy	Full coat (Hydrophilic)
TW-YJ430FA(Z)	Stainless	J angled	0.014"	300cm	Floppy	Tip coat (Hydrophilic)
TW-YJ430FS(Z)	Stainless	J angled	0.014"	300cm	Floppy	Full coat (Silicone)
TW-YJ430XH(Z)	Stainless	J angled	0.014"	300cm	Extra Floppy	Full coat (Hydrophilic)
TW-YJ430XA(Z)	Stainless	J angled	0.014"	300cm	Extra Floppy	Tip coat (Hydrophilic)
TW-YJ430XS(Z)	Stainless	J angled	0.014"	300cm	Extra Floppy	Full coat (Silicone)

TW-YJ430UH(Z)	Stainless	J angled	0.014"	300cm	Super Hard	Full coat (Hydrophilic)
TW-YJ430UA(Z)	Stainless	J angled	0.014"	300cm	Super Hard	Tip coat (Hydrophilic)
TW-YJ430US(Z)	Stainless	J angled	0.014"	300cm	Super Hard	Full coat (Silicone)
TW-YJ430TH(Z)	Stainless	J angled	0.014"	300cm	Extra Hard	Full coat (Hydrophilic)
TW-YJ430TA(Z)	Stainless	J angled	0.014"	300cm	Extra Hard	Tip coat (Hydrophilic)
TW-YJ430TS(Z)	Stainless	J angled	0.014"	300cm	Extra Hard	Full coat (Silicone)
TW-YJ430HH(Z)	Stainless	J angled	0.014"	300cm	Hard	Full coat (Hydrophilic)
TW-YJ430HA(Z)	Stainless	J angled	0.014"	300cm	Hard	Tip coat (Hydrophilic)
TW-YJ430HS(Z)	Stainless	J angled	0.014"	300cm	Hard	Full coat (Silicone)
TW-YJ430SH(Z)	Stainless	J angled	0.014"	300cm	Standard	Full coat (Hydrophilic)
TW-YJ430SA(Z)	Stainless	J angled	0.014"	300cm	Standard	Tip coat (Hydrophilic)
TW-YJ430SS(Z)	Stainless	J angled	0.014"	300cm	Standard	Full coat (Silicone)
TW-ZS430IH(Z)	Cobalt Alloy	Straight	0.014"	300cm	Intermediate	Full coat (Hydrophilic)
TW-ZS430IA(Z)	Cobalt Alloy	Straight	0.014"	300cm	Intermediate	Tip coat (Hydrophilic)
TW-ZS430IS(Z)	Cobalt Alloy	Straight	0.014"	300cm	Intermediate	Full coat (Silicone)
TW-ZS430FH(Z)	Cobalt Alloy	Straight	0.014"	300cm	Floppy	Full coat (Hydrophilic)
TW-ZS430FA(Z)	Cobalt Alloy	Straight	0.014"	300cm	Floppy	Tip coat (Hydrophilic)
TW-ZS430FS(Z)	Cobalt Alloy	Straight	0.014"	300cm	Floppy	Full coat (Silicone)
TW-ZS430XH(Z)	Cobalt Alloy	Straight	0.014"	300cm	Extra Floppy	Full coat (Hydrophilic)
TW-ZS430XA(Z)	Cobalt Alloy	Straight	0.014"	300cm	Extra Floppy	Tip coat (Hydrophilic)
TW-ZS430XS(Z)	Cobalt Alloy	Straight	0.014"	300cm	Extra Floppy	Full coat (Silicone)
TW-ZS430UH(Z)	Cobalt Alloy	Straight	0.014"	300cm	Super Hard	Full coat (Hydrophilic)
TW-ZS430UA(Z)	Cobalt Alloy	Straight	0.014"	300cm	Super Hard	Tip coat (Hydrophilic)
TW-ZS430US(Z)	Cobalt Alloy	Straight	0.014"	300cm	Super Hard	Full coat (Silicone)
TW-ZS430TH(Z)	Cobalt Alloy	Straight	0.014"	300cm	Extra Hard	Full coat (Hydrophilic)
TW-ZS430TA(Z)	Cobalt Alloy	Straight	0.014"	300cm	Extra Hard	Tip coat (Hydrophilic)
TW-ZS430TS(Z)	Cobalt Alloy	Straight	0.014"	300cm	Extra Hard	Full coat (Silicone)

TW-ZS430HH(Z)	Cobalt Alloy	Straight	0.014"	300cm	Hard	Full coat (Hydrophilic)
TW-ZS430HA(Z)	Cobalt Alloy	Straight	0.014"	300cm	Hard	Tip coat (Hydrophilic)
TW-ZS430HS(Z)	Cobalt Alloy	Straight	0.014"	300cm	Hard	Full coat (Silicone)
TW-ZS430SH(Z)	Cobalt Alloy	Straight	0.014"	300cm	Standard	Full coat (Hydrophilic)
TW-ZS430SA(Z)	Cobalt Alloy	Straight	0.014"	300cm	Standard	Tip coat (Hydrophilic)
TW-ZS430SS(Z)	Cobalt Alloy	Straight	0.014"	300cm	Standard	Full coat (Silicone)
TW-ZJ430IH(Z)	Cobalt Alloy	J angled	0.014"	300cm	Intermediate	Full coat (Hydrophilic)
TW-ZJ430IA(Z)	Cobalt Alloy	J angled	0.014"	300cm	Intermediate	Tip coat (Hydrophilic)
TW-ZJ430IS(Z)	Cobalt Alloy	J angled	0.014"	300cm	Intermediate	Full coat (Silicone)
TW-ZJ430FH(Z)	Cobalt Alloy	J angled	0.014"	300cm	Floppy	Full coat (Hydrophilic)
TW-ZJ430FA(Z)	Cobalt Alloy	J angled	0.014"	300cm	Floppy	Tip coat (Hydrophilic)
TW-ZJ430FS(Z)	Cobalt Alloy	J angled	0.014"	300cm	Floppy	Full coat (Silicone)
TW-ZJ430XH(Z)	Cobalt Alloy	J angled	0.014"	300cm	Extra Floppy	Full coat (Hydrophilic)
TW-ZJ430XA(Z)	Cobalt Alloy	J angled	0.014"	300cm	Extra Floppy	Tip coat (Hydrophilic)
TW-ZJ430XS(Z)	Cobalt Alloy	J angled	0.014"	300cm	Extra Floppy	Full coat (Silicone)
TW-ZJ430UH(Z)	Cobalt Alloy	J angled	0.014"	300cm	Super Hard	Full coat (Hydrophilic)
TW-ZJ430UA(Z)	Cobalt Alloy	J angled	0.014"	300cm	Super Hard	Tip coat (Hydrophilic)
TW-ZJ430US(Z)	Cobalt Alloy	J angled	0.014"	300cm	Super Hard	Full coat (Silicone)
TW-ZJ430TH(Z)	Cobalt Alloy	J angled	0.014"	300cm	Extra Hard	Full coat (Hydrophilic)
TW-ZJ430TA(Z)	Cobalt Alloy	J angled	0.014"	300cm	Extra Hard	Tip coat (Hydrophilic)
TW-ZJ430TS(Z)	Cobalt Alloy	J angled	0.014"	300cm	Extra Hard	Full coat (Silicone)
TW-ZJ430HH(Z)	Cobalt Alloy	J angled	0.014"	300cm	Hard	Full coat (Hydrophilic)
TW-ZJ430HA(Z)	Cobalt Alloy	J angled	0.014"	300cm	Hard	Tip coat (Hydrophilic)
TW-ZJ430HS(Z)	Cobalt Alloy	J angled	0.014"	300cm	Hard	Full coat (Silicone)
TW-ZJ430SH(Z)	Cobalt Alloy	J angled	0.014"	300cm	Standard	Full coat (Hydrophilic)
TW-ZJ430SA(Z)	Cobalt Alloy	J angled	0.014"	300cm	Standard	Tip coat (Hydrophilic)
TW-ZJ430SS(Z)	Cobalt Alloy	J angled	0.014"	300cm	Standard	Full coat (Silicone)

Product Code Number	Shaft Material	Tip Shape	Diameter	Length	Flex type	Coating
TW-DS418IH	NiTi + Stainless	Straight	0.014"	180cm	Intermediate	Full coat(Hydrophilic)
TW-DS418IA	NiTi + Stainless	Straight	0.014"	180cm	Intermediate	Tip coat(Hydrophilic)
TW-DS418IS	NiTi + Stainless	Straight	0.014"	180cm	Intermediate	Full coat(Silicone)
TW-DS418FH	NiTi + Stainless	Straight	0.014"	180cm	Floppy	Full coat(Hydrophilic)
TW-DS418FA	NiTi + Stainless	Straight	0.014"	180cm	Floppy	Tip coat(Hydrophilic)
TW-DS418FS	NiTi + Stainless	Straight	0.014"	180cm	Floppy	Full coat(Silicone)
TW-DS418XH	NiTi + Stainless	Straight	0.014"	180cm	Extra Floppy	Full coat(Hydrophilic)
TW-DS418XA	NiTi + Stainless	Straight	0.014"	180cm	Extra Floppy	Tip coat(Hydrophilic)
TW-DS418XS	NiTi + Stainless	Straight	0.014"	180cm	Extra Floppy	Full coat(Silicone)
TW-DS418UH	NiTi + Stainless	Straight	0.014"	180cm	Super Hard	Full coat(Hydrophilic)
TW-DS418UA	NiTi + Stainless	Straight	0.014"	180cm	Super Hard	Tip coat(Hydrophilic)
TW-DS418US	NiTi + Stainless	Straight	0.014"	180cm	Super Hard	Full coat(Silicone)
TW-DS418TH	NiTi + Stainless	Straight	0.014"	180cm	Extra Hard	Full coat(Hydrophilic)
TW-DS418TA	NiTi + Stainless	Straight	0.014"	180cm	Extra Hard	Tip coat(Hydrophilic)
TW-DS418TS	NiTi + Stainless	Straight	0.014"	180cm	Extra Hard	Full coat(Silicone)
TW-DS418HH	NiTi + Stainless	Straight	0.014"	180cm	Hard	Full coat(Hydrophilic)
TW-DS418HA	NiTi + Stainless	Straight	0.014"	180cm	Hard	Tip coat(Hydrophilic)
TW-DS418HS	NiTi + Stainless	Straight	0.014"	180cm	Hard	Full coat(Silicone)
TW-DS418SH	NiTi + Stainless	Straight	0.014"	180cm	Standard	Full coat(Hydrophilic)
TW-DS418SA	NiTi + Stainless	Straight	0.014"	180cm	Standard	Tip coat(Hydrophilic)
TW-DS418SS	NiTi + Stainless	Straight	0.014"	180cm	Standard	Full coat(Silicone)
TW-DJ418IH	NiTi + Stainless	J angled	0.014"	180cm	Intermediate	Full coat(Hydrophilic)
TW-DJ418IA	NiTi + Stainless	J angled	0.014"	180cm	Intermediate	Tip coat(Hydrophilic)
TW-DJ418IS	NiTi + Stainless	J angled	0.014"	180cm	Intermediate	Full coat(Silicone)
TW-DJ418FH	NiTi + Stainless	J angled	0.014"	180cm	Floppy	Full coat(Hydrophilic)
TW-DJ418FA	NiTi + Stainless	J angled	0.014"	180cm	Floppy	Tip coat(Hydrophilic)
TW-DJ418FS	NiTi + Stainless	J angled	0.014"	180cm	Floppy	Full coat(Silicone)
TW-DJ418XH	NiTi + Stainless	J angled	0.014"	180cm	Extra Floppy	Full coat(Hydrophilic)
TW-DJ418XA	NiTi + Stainless	J angled	0.014"	180cm	Extra Floppy	Tip coat(Hydrophilic)
TW-DJ418XS	NiTi + Stainless	J angled	0.014"	180cm	Extra Floppy	Full coat(Silicone)
TW-DJ418UH	NiTi + Stainless	J angled	0.014"	180cm	Super Hard	Full coat(Hydrophilic)
TW-DJ418UA	NiTi + Stainless	J angled	0.014"	180cm	Super Hard	Tip coat(Hydrophilic)
TW-DJ418US	NiTi + Stainless	J angled	0.014"	180cm	Super Hard	Full coat(Silicone)
TW-DJ418TH	NiTi + Stainless	J angled	0.014"	180cm	Extra Hard	Full coat(Hydrophilic)
TW-DJ418TA	NiTi + Stainless	J angled	0.014"	180cm	Extra Hard	Tip coat(Hydrophilic)
TW-DJ418TS	NiTi + Stainless	J angled	0.014"	180cm	Extra Hard	Full coat(Silicone)
TW-DJ418HH	NiTi + Stainless	J angled	0.014"	180cm	Hard	Full coat(Hydrophilic)
TW-DJ418HA	NiTi + Stainless	J angled	0.014"	180cm	Hard	Tip coat(Hydrophilic)
TW-DJ418HS	NiTi + Stainless	J angled	0.014"	180cm	Hard	Full coat(Silicone)
TW-DJ418SH	NiTi + Stainless	J angled	0.014"	180cm	Standard	Full coat(Hydrophilic)
TW-DJ418SA	NiTi + Stainless	J angled	0.014"	180cm	Standard	Tip coat(Hydrophilic)
TW-DJ418SS	NiTi + Stainless	J angled	0.014"	180cm	Standard	Full coat(Silicone)

Product Code Number	Shaft Material	Tip Shape	Diameter	Length	Flex type	Coating
TW-DS418IHZ	NiTi + Stainless	Straight	0.014"	180cm	Intermediate	Full coat(Hydrophilic)
TW-DS418IAZ	NiTi + Stainless	Straight	0.014"	180cm	Intermediate	Tip coat(Hydrophilic)
TW-DS418ISZ	NiTi + Stainless	Straight	0.014"	180cm	Intermediate	Full coat(Silicone)
TW-DS418FHZ	NiTi + Stainless	Straight	0.014"	180cm	Floppy	Full coat(Hydrophilic)
TW-DS418FAZ	NiTi + Stainless	Straight	0.014"	180cm	Floppy	Tip coat(Hydrophilic)
TW-DS418FSZ	NiTi + Stainless	Straight	0.014"	180cm	Floppy	Full coat(Silicone)
TW-DS418XHZ	NiTi + Stainless	Straight	0.014"	180cm	Extra Floppy	Full coat(Hydrophilic)
TW-DS418XAZ	NiTi + Stainless	Straight	0.014"	180cm	Extra Floppy	Tip coat(Hydrophilic)
TW-DS418XSZ	NiTi + Stainless	Straight	0.014"	180cm	Extra Floppy	Full coat(Silicone)
TW-DS418UHZ	NiTi + Stainless	Straight	0.014"	180cm	Super Hard	Full coat(Hydrophilic)
TW-DS418UAZ	NiTi + Stainless	Straight	0.014"	180cm	Super Hard	Tip coat(Hydrophilic)
TW-DS418USZ	NiTi + Stainless	Straight	0.014"	180cm	Super Hard	Full coat(Silicone)
TW-DS418THZ	NiTi + Stainless	Straight	0.014"	180cm	Extra Hard	Full coat(Hydrophilic)
TW-DS418TAZ	NiTi + Stainless	Straight	0.014"	180cm	Extra Hard	Tip coat(Hydrophilic)
TW-DS418TSZ	NiTi + Stainless	Straight	0.014"	180cm	Extra Hard	Full coat(Silicone)
TW-DS418HHZ	NiTi + Stainless	Straight	0.014"	180cm	Hard	Full coat(Hydrophilic)
TW-DS418HAZ	NiTi + Stainless	Straight	0.014"	180cm	Hard	Tip coat(Hydrophilic)
TW-DS418HSZ	NiTi + Stainless	Straight	0.014"	180cm	Hard	Full coat(Silicone)
TW-DS418SHZ	NiTi + Stainless	Straight	0.014"	180cm	Standard	Full coat(Hydrophilic)
TW-DS418SAZ	NiTi + Stainless	Straight	0.014"	180cm	Standard	Tip coat(Hydrophilic)
TW-DS418SSZ	NiTi + Stainless	Straight	0.014"	180cm	Standard	Full coat(Silicone)
TW-DJ418IHZ	NiTi + Stainless	J angled	0.014"	180cm	Intermediate	Full coat(Hydrophilic)
TW-DJ418IAZ	NiTi + Stainless	J angled	0.014"	180cm	Intermediate	Tip coat(Hydrophilic)
TW-DJ418ISZ	NiTi + Stainless	J angled	0.014"	180cm	Intermediate	Full coat(Silicone)
TW-DJ418FHZ	NiTi + Stainless	J angled	0.014"	180cm	Floppy	Full coat(Hydrophilic)
TW-DJ418FAZ	NiTi + Stainless	J angled	0.014"	180cm	Floppy	Tip coat(Hydrophilic)
TW-DJ418FSZ	NiTi + Stainless	J angled	0.014"	180cm	Floppy	Full coat(Silicone)
TW-DJ418XHZ	NiTi + Stainless	J angled	0.014"	180cm	Extra Floppy	Full coat(Hydrophilic)
TW-DJ418XAZ	NiTi + Stainless	J angled	0.014"	180cm	Extra Floppy	Tip coat(Hydrophilic)
TW-DJ418XSZ	NiTi + Stainless	J angled	0.014"	180cm	Extra Floppy	Full coat(Silicone)
TW-DJ418UHZ	NiTi + Stainless	J angled	0.014"	180cm	Super Hard	Full coat(Hydrophilic)
TW-DJ418UAZ	NiTi + Stainless	J angled	0.014"	180cm	Super Hard	Tip coat(Hydrophilic)
TW-DJ418USZ	NiTi + Stainless	J angled	0.014"	180cm	Super Hard	Full coat(Silicone)
TW-DJ418THZ	NiTi + Stainless	J angled	0.014"	180cm	Extra Hard	Full coat(Hydrophilic)
TW-DJ418TAZ	NiTi + Stainless	J angled	0.014"	180cm	Extra Hard	Tip coat(Hydrophilic)
TW-DJ418TSZ	NiTi + Stainless	J angled	0.014"	180cm	Extra Hard	Full coat(Silicone)
TW-DJ418HHZ	NiTi + Stainless	J angled	0.014"	180cm	Hard	Full coat(Hydrophilic)
TW-DJ418HAZ	NiTi + Stainless	J angled	0.014"	180cm	Hard	Tip coat(Hydrophilic)
TW-DJ418HSZ	NiTi + Stainless	J angled	0.014"	180cm	Hard	Full coat(Silicone)
TW-DJ418SHZ	NiTi + Stainless	J angled	0.014"	180cm	Standard	Full coat(Hydrophilic)
TW-DJ418SAZ	NiTi + Stainless	J angled	0.014"	180cm	Standard	Tip coat(Hydrophilic)
TW-DJ418SSZ	NiTi + Stainless	J angled	0.014"	180cm	Standard	Full coat(Silicone)

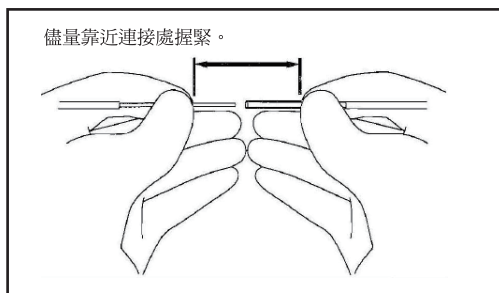
“泰爾茂” 嵐鋸路導引導線

“Terumo” Runthrough NS PTCA Guide Wire

衛署醫器輸字第 009918 號

延伸導線

圖 1



型號



批號



使用期限



不得重覆使用



參閱使用說明



使用環氧乙烷滅菌



Contents

內容物



包裝若破損請勿使用



不可重覆滅菌



製造業者
(總公司)



製造日期



製造業者



醫療器材



無菌屏障系統



進口商



單一識別碼



7440-48-4

含有有害物質
(CAS:7440-48-4)



保持乾燥



避免陽光直曬

使用說明

請熟讀以下警告、注意事項和指示，謹慎使用。

簡介

“泰爾茂” 嵐認路延伸導線是一種塗有 PTFE 的不鏽鋼導線附加裝置，直徑為 0.014 英寸（0.36 毫米），長度為 150 厘米。本產品可以和泰爾茂嵐認路導引導線（“導線”）相容，因為在導線的近端有特別修飾，易於和“泰爾茂” 嵐認路延伸導線連接。

預期用途

“泰爾茂” 嵐認路延伸導線是一種用來延伸泰爾茂嵐認路導引導線，以協助導管置換，除此之外請勿做其他用途。

適應症

“泰爾茂” 嵐認路延伸導線適用於經皮冠狀血管成形術（PTCA）

禁忌症

請仔細閱讀和“泰爾茂” 嵐認路延伸導線併用的其他介入性器材使用說明中所列的禁用情況。請勿做於其他用途及用於腦血管。

併發症

使用“泰爾茂” 嵐認路延伸導線所可能產生的併發症包括但並不限於以下各項：

- 動脈穿孔
- 動脈破裂
- 冠狀動脈損傷
- 感染疾病和針孔部位的併發症

請仔細閱讀和“泰爾茂” 嵐認路延伸導線併用的其他介入性器材使用說明中所列的併發症。

警告和注意事項

警告

進行處置前，請小心檢視所有器材，確認它的適當運作和完整性。未能遵守以下警告可能引起血管受損、“泰爾茂” 嵐認路延伸導線的塑膠片脫落及／或導線的損壞或破裂／脫離，因而可能需要抽回導線。

- 請不要經由金屬入口針頭、金屬擴張器或金屬導線插入器來操作及／或抽回“泰爾茂” 嵐認路延伸導線，如此將可能引起“泰爾茂” 嵐認路延伸導線的破壞及／或脫離。
- 請勿將“泰爾茂” 嵐認路延伸導線和含有金屬零件的器材例如 Atherectomy 導管併用。
- 不論是接上導線或從導線取下時，均應先行在高解析度 X 光鏡下確認導線及導管位置，無意中將導線前進到小型側邊分支的末端時，可能引起穿孔或損傷內血管膜。
- 如有感覺任何阻力或如果尖端走向及／或位置不適當，請停止操作“泰爾茂” 嵐認路延伸導線及／或擴張導管，並以高解析度螢光鏡瞭解原因，如果未能特別謹慎時，可能引起導線尖端的彎曲、扭結或脫落，損傷擴張導管或使血管受傷。
- 請勿在同一位置點折彎“泰爾茂” 嵐認路延伸導線，因如此可能會導致“泰爾茂” 嵐認路延伸導線的變形、破裂或脫離。
- 如果擴張導管和活塞併用，當“泰爾茂” 嵐認路延伸導線在導管內時，請勿操作活塞，如此可能會導致“泰爾茂” 嵐認路延伸導線的破裂或脫離。
- 請勿在磁共振攝影（MRI）時使用。
- 在置換原使用“泰爾茂” 嵐認路延伸導線的擴張導管時，請確認延伸導線已先行移除；當“泰爾茂” 嵐認路和“泰爾茂” 嵐認路延伸導線接在一起而將其旋轉時，可能發生連接處的脫落。
- “泰爾茂” 嵐認路延伸導線特別可以和泰爾茂嵐認路導引導線相容，因為在導線的近端有特別修飾，易於和“泰爾茂” 嵐認路延伸導線連接。請檢查泰爾茂嵐認路導引導線包裝上的產品標籤，確認導線是可延伸型的。
- 一旦“泰爾茂” 嵐認路延伸導線接好後，請勿扭轉或進行其他操作，否則可能使“泰爾茂” 嵐認路延伸導線從導線上脫離。
- 請勿將“泰爾茂” 嵐認路延伸導線插入活體中，否則可能引起連接處脫落、損傷血管或使“泰爾茂” 嵐認路延伸導線破裂。
- 歸類為 CMR* 1B 的鈷（CAS:7440-48-4）在軸中的濃度超過 0.1% 重量。

*CMR = 致癌、致突變或生殖毒性

注意事項

- “泰爾茂” 嵐認路延伸導線已經過環氧乙烷的滅菌，僅供單次使用，請勿再滅菌，也不要再重製，因重製可能損壞本產品的生物相容性和功能完整性。
- 請仔細檢查產品包裝，確保無菌屏障沒有損壞。
- “泰爾茂” 嵐認路延伸導線是以未開啟、未損壞的單一包裝滅菌的，如果單一包裝或“泰爾茂” 嵐認路延伸導線已損壞或弄髒時，請勿使用。
- “泰爾茂” 嵐認路延伸導線在開啟包裝後應立即使用，使用後應依據當地醫療廢棄物處理規範予以安全適當棄置。本產品具有生物危害性，因為它被血液污染，並且由於其鋒利的邊緣而對身體有害。
- 整個流程中應該以無菌進行。
- 當“泰爾茂” 嵐認路延伸導線和藥品或其他器材同時使用時，操作人員應對此藥物或器材的性質／特色有充分瞭解，以避免損壞“泰爾茂” 嵐認路延伸導線。
- 請勿以酒精、或 gluconic acid chlorhexidine 水溶液擦拭“泰爾茂” 嵐認路延伸導線，否則可能對“泰爾茂” 嵐認路延伸導線造成傷害。

使用指示

1. “泰爾茂” 嵐認路延伸導線的準備

- 1-1 從包裝中取出“泰爾茂” 嵐認路延伸導線和支架。
- 1-2 移除導線塞子後，將“泰爾茂” 嵐認路延伸導線從支架上取下。

注意事項

- 移開“泰爾茂” 嵐認路延伸導線前，請務必移除導線塞子，以免造成產品破損。
 - “泰爾茂” 嵐認路延伸導線的近端是和支架接觸的一端，在連接導線時，請確認“泰爾茂” 嵐認路延伸導線的方向。
 - 在把“泰爾茂” 嵐認路延伸導線再插回支架時，請小心不要讓支架邊緣損傷“泰爾茂” 嵐認路延伸導線的表面。
- 1-3 將導線的近端接到“泰爾茂” 嵐認路延伸導線的遠端。

注意事項

- 在連接導線和“泰爾茂” 嵐認路延伸導線時，請儘量靠近連接處握緊，否則可能使導線和“泰爾茂” 嵐認路延伸導線破裂（圖 1）。
- 1-4 在連接處的兩側，輕拉導線和“泰爾茂” 嵐認路延伸導線，以確認二者已連接牢固。
 - 1-5 從延伸導線上抽回已插入的擴張導管。
 - 1-6 輕拉連接處的兩側，再次確認連接處。
 - 1-7 在前進另一支擴張導管前，先以 X 光鏡確認導線遠端的位置。
 - 1-8 從“泰爾茂” 嵐認路延伸導線的近端，插入另一支擴張導管。
 - 1-9 維持導線和引導導管位置的同時，前進擴張導管。
 - 1-10 置換導管後，握住導線和“泰爾茂” 嵐認路延伸導線的連接處，一面維持導線位置，一面鬆開管道上的連接處。

注意事項

- 連接“泰爾茂” 嵐認路延伸導線和導線前，請先拭去導線近端上的血漬，因血栓可能會阻斷連接處的順利接合。
- 請勿將“泰爾茂” 嵐認路延伸導線和導線的連接處前進到 Y 連接管內，否則可能引起連接處的脫落。
- 當導管彎曲時，請勿將“泰爾茂” 嵐認路延伸導線近端插入導管中，否則“泰爾茂” 嵐認路延伸導線的近端可能損傷導管。
- 在插入“泰爾茂” 嵐認路延伸導線時，如有感到任何阻力，請停止操作“泰爾茂” 嵐認路延伸導線，並瞭解原因。如在阻力下連續操作時，可能讓“泰爾茂” 嵐認路延伸導線和導管傷害血管。
- 在導線和“泰爾茂” 嵐認路延伸導線連接時，如要擦拭血漬和其他殘留物，請握緊連接處，以免力量施加到該處；否則可能引起導線和“泰爾茂” 嵐認路延伸導線連接處的脫落。
- 當連接處一再發生“泰爾茂” 嵐認路延伸導線及導線接合和脫落的情況時，請停止操作並予以換新；否則可能引起連接處的脫離，造成“泰爾茂” 嵐認路延伸導線受損。
- 依照“泰爾茂” 嵐認路延伸導線的外徑 (O.D.)，使用適當的氣球擴張導管，由於某些導管尖端內徑的變化，導線和“泰爾茂” 嵐認路延伸導線連接處在操作時可能發生脫落，因此在將“泰爾茂” 嵐認路延伸導線引入導管時，如有感覺任何阻力，建議應停止使用此類導管。

2. 手術過程中的暫時存放

- 2-1 用一盆肝素化生理食鹽水溶液除去“泰爾茂” 嵐認路延伸導線上的血漬，如仍殘留有任何血漬時，再以肝素化生理食鹽水溶液濕潤的無菌紗布擦拭一次。

2-2 將”泰爾茂” 嵐鋸路延伸導線再次插入支架中。

存放注意事項

存放時請避免暴露在水、直射陽光、極端溫度或高濕度。

不良事件報告

如果在使用本本品期間或由於使用本產品而發生嚴重事故，請將其報告給製造業者和 / 或當地銷售代表和所在國家主管部門。

產品型號

Product code	Type	Diameter (inch)	Wire Length (cm)
TW-JJ415	Extension	0.014	150
TW-JJ415Z	Extension	0.014	150

製造業者名稱：(O) Terumo Corporation

(P) Ashitaka Factory of Terumo Corporation

製造業者地址：(O) 44-1, 2-chome, Hatagaya, Shibuya-ku, Tokyo, Japan

(P) 150, Maimaigi-Cho, Fujinomiya City, Shiznoka Prefecture, Japan.

醫療器材商名稱：台灣泰爾茂醫療產品股份有限公司

醫療器材商地址：臺北市中正區忠孝西路一段 4 號 8 樓

2023-01