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Hi-Torque Command 18

0.018" Peripheral Guide Wire

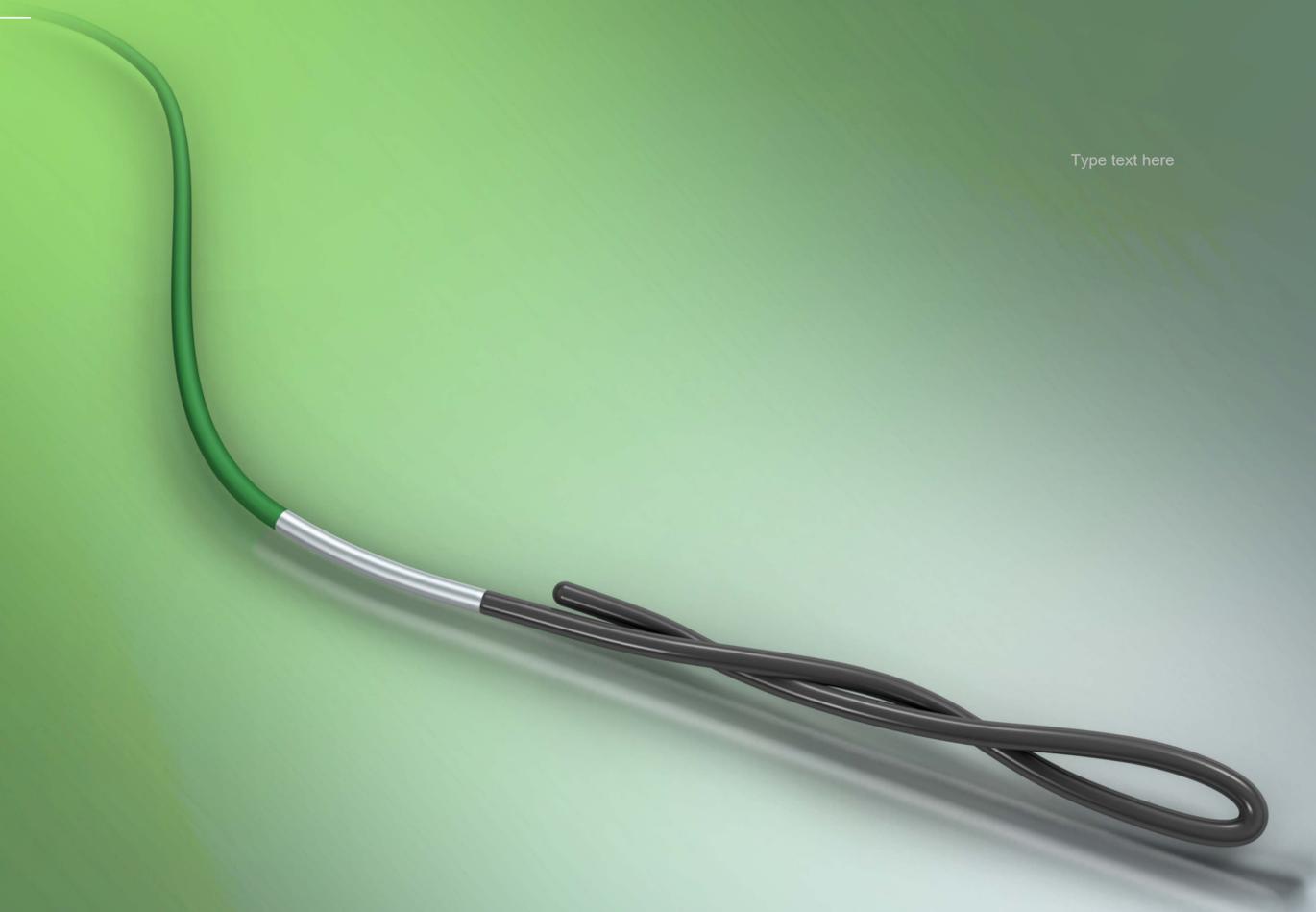
Don't Compromise. Take Command.

Push

Torque

Durability

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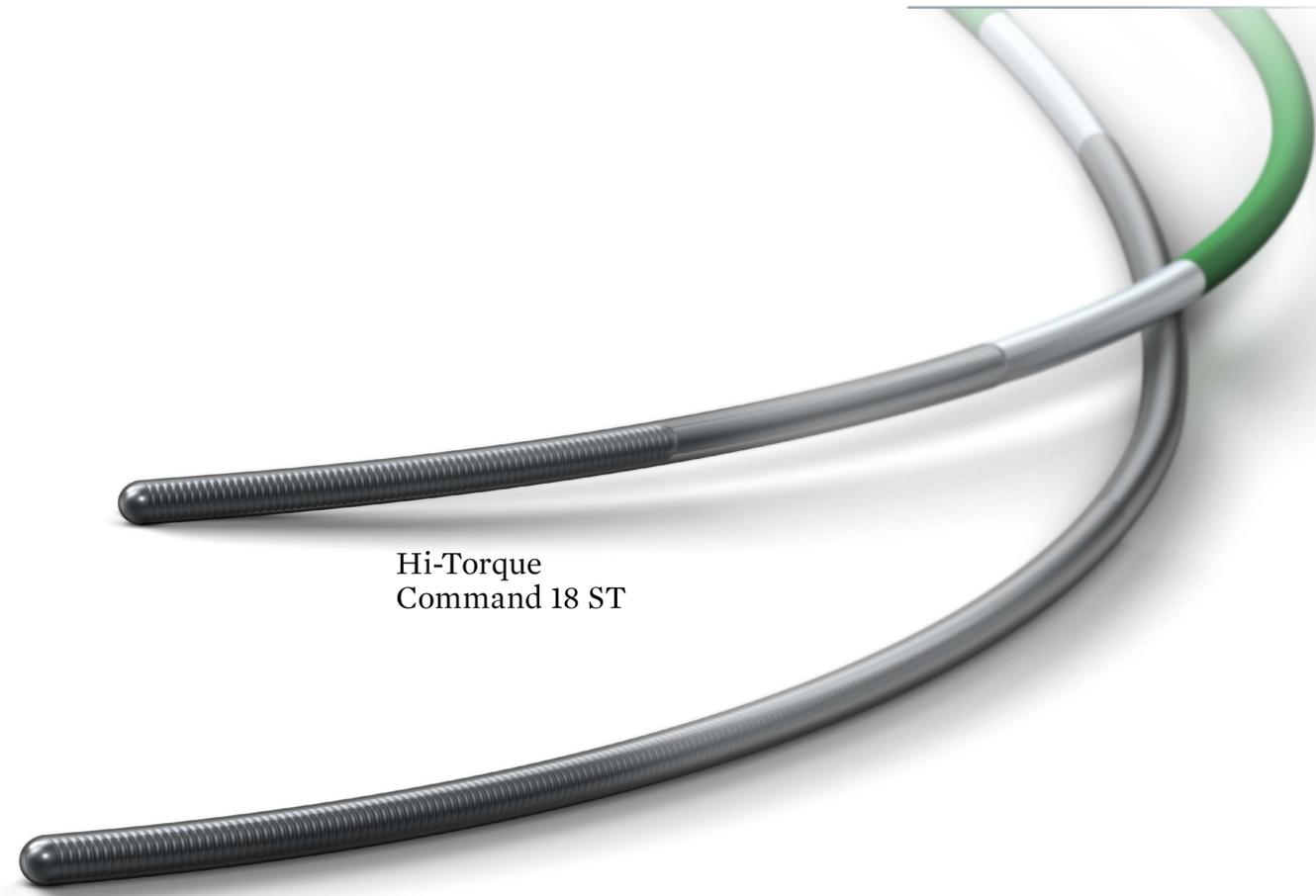
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HI-TORQUE COMMAND 18

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Hi-Torque Command 18 Family Overview

Hi-Torque Command 18 is a family of two .018 wires designed for **access, cross, and device delivery** in the SFA and BTK.

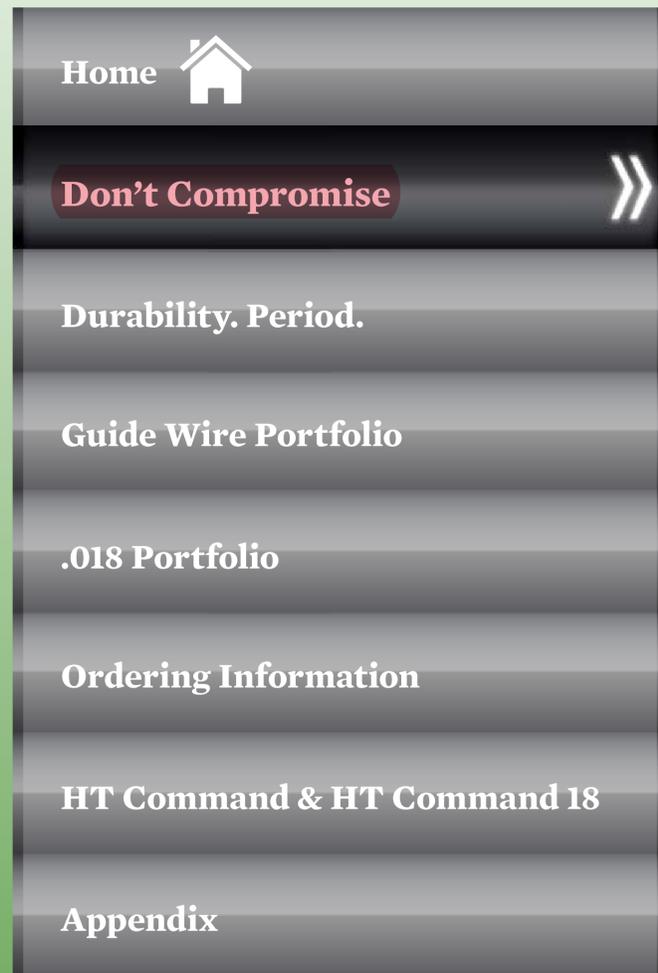


Hi-Torque
Command 18 ST

Hi-Torque
Command 18 LT



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HI-TORQUE COMMAND 18

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Hi-Torque Command 18 Family Overview

Hi-Torque Command 18 ST



Crossing wire with 10 cm Nitinol at distal end providing high support and flexible tip (4 g) designed for crossing occlusions or prolapsing in the subintimal plane.

Hi-Torque Command 18 LT



Navigation wire with 25 cm Nitinol at distal end, providing flexible support and soft tip (4 g) to effectively track through tortuosity.

Both Offered in 210 cm and 300 cm Lengths

- 210 cm length can better accommodate longer catheters for distal BTK cases during ipsilateral approach



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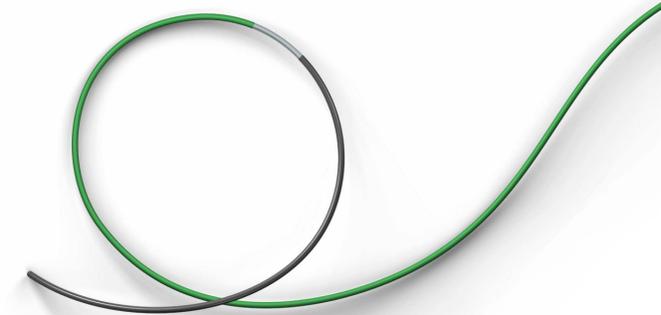
HI-TORQUE COMMAND 18

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Hi-Torque Command 18 Key Messages

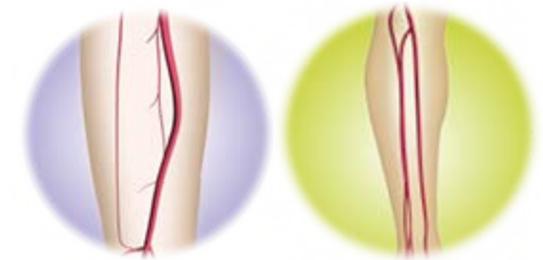
Hybrid design technology provides the best of both nitinol and stainless steel

- Shapeable nitinol tip provides outstanding tip durability.
- Stainless steel body provides superb torque, support, and pushability



Durability. Period.

- Durable tip is designed to reduce multiple wire usage.
- Hi-Torque Command 18 is designed to access, cross, and deliver above and below the knee



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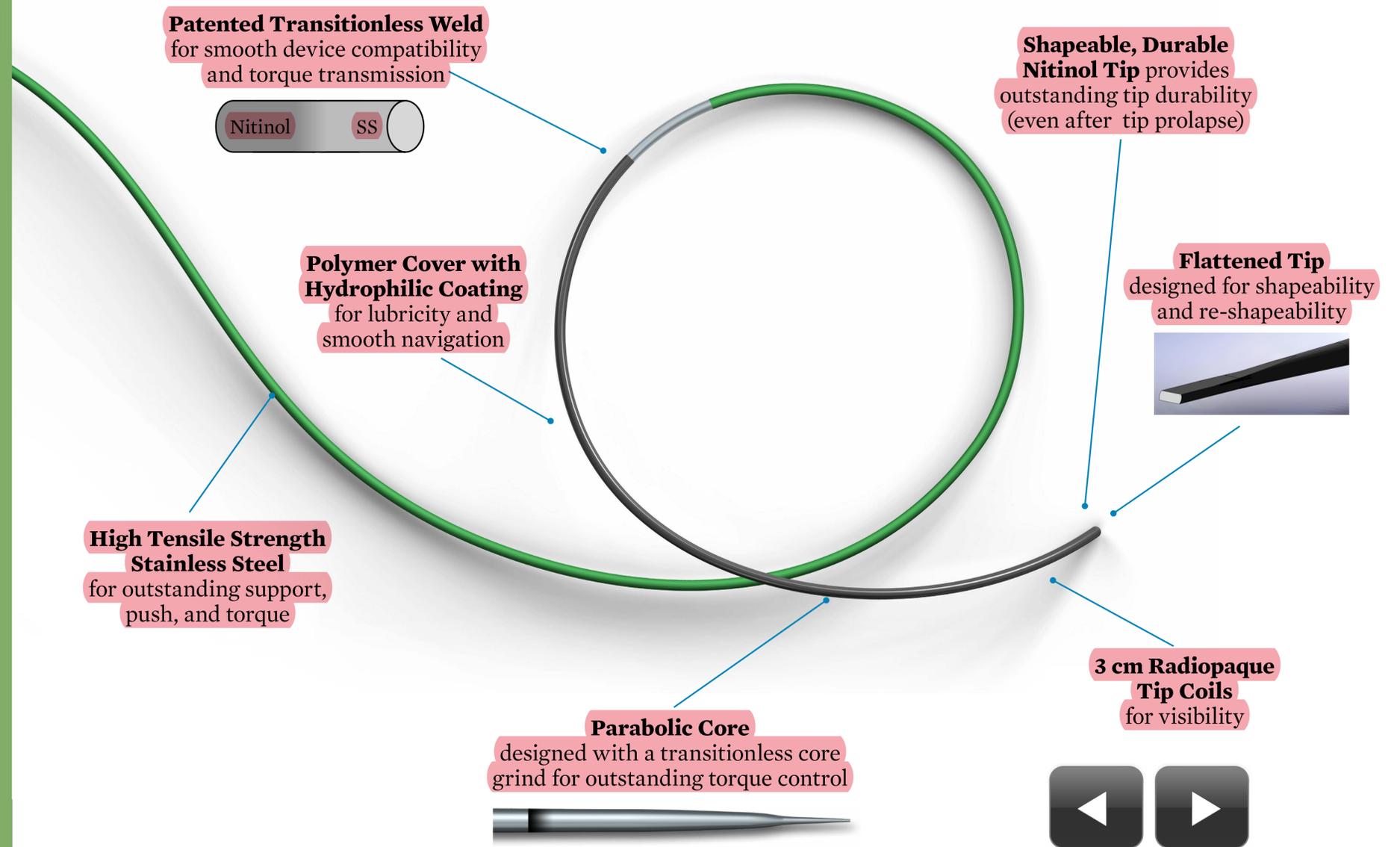
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Hybrid Design For Outstanding Performance

Hybrid Design with dual metal technology, combines the key advantages of both stainless steel and nitinol.



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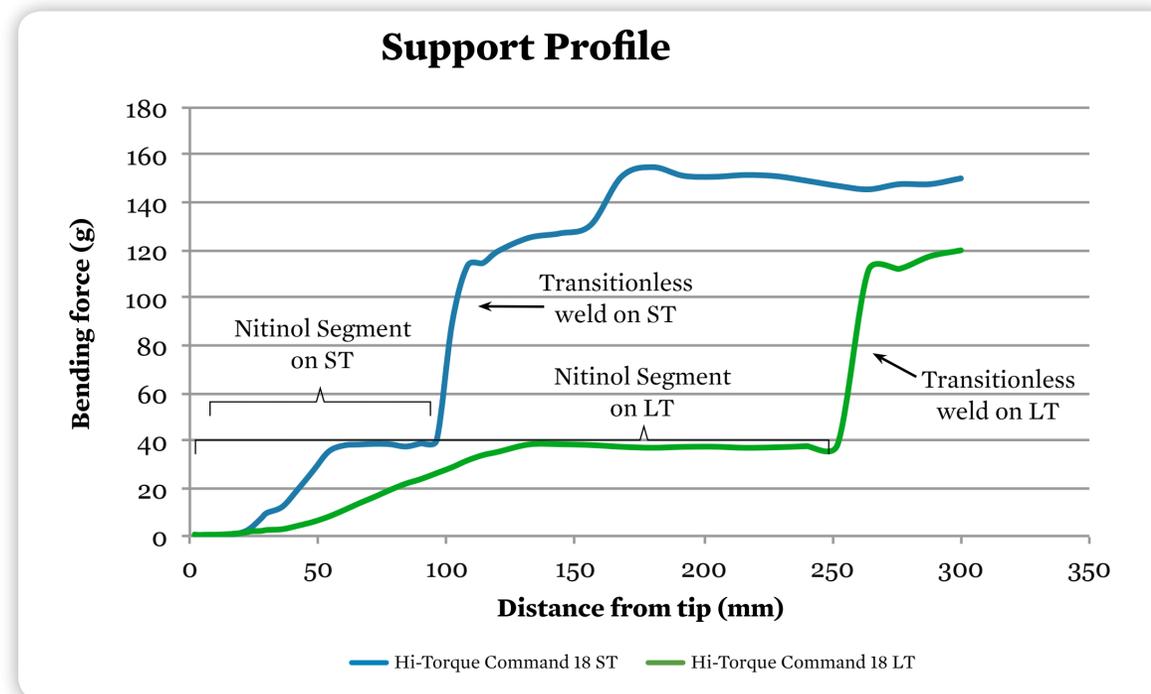
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HI-TORQUE COMMAND 18

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Hi-Torque Command 18 Support Profiles

**Hi-Torque Command 18 ST**

- Hi-Torque Command 18 ST has a short flexible nitinol section (10 cm, 100 mm) for durability and tip prolapse. The stainless steel proximal end provides outstanding support and torque.

Hi-Torque Command 18 LT

- Hi-Torque Command 18 LT has a long nitinol segment (25 cm, 250 mm) for durability and navigation. The stainless steel proximal end provides outstanding support and torque.
- Hi-Torque Command 18 LT can be used with a support catheter to increase support or control loop size.

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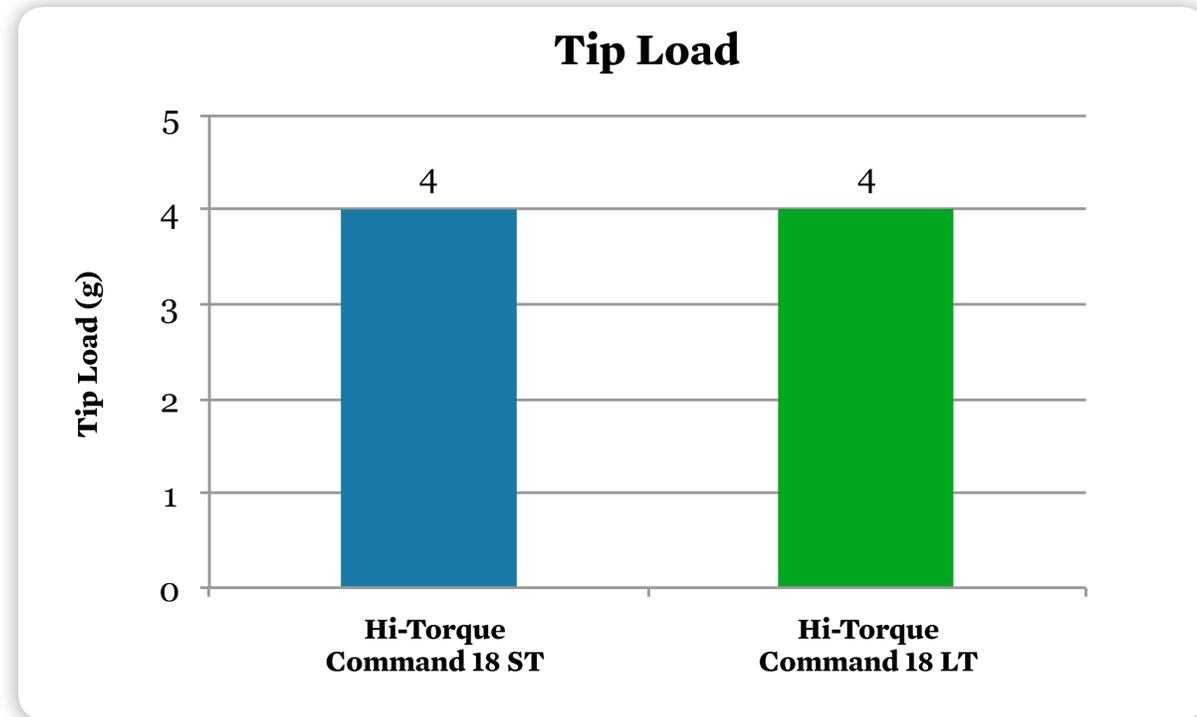


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Hi-Torque Command 18 Tip Loads



Both Hi-Torque Command 18 ST and Hi-Torque Command 18 LT have a workhorse tip load of 4 g

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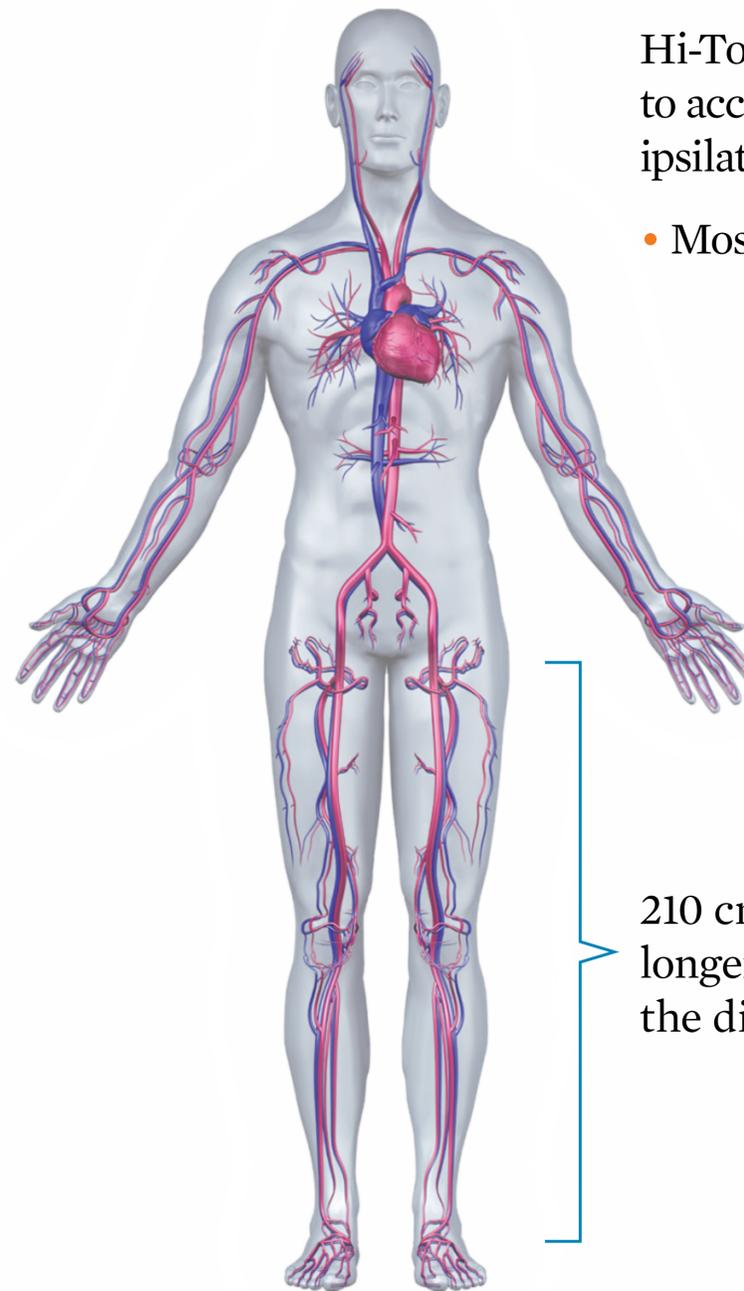
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DON'T COMPROMISE. TAKE COMMAND.**The Benefit of the 210 cm Length**

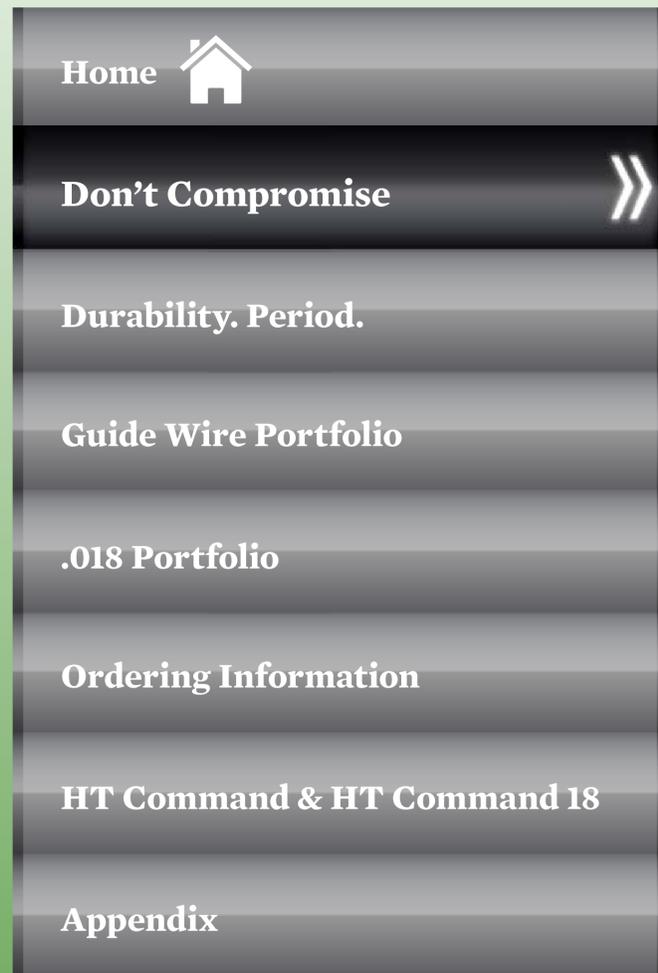
Hi-Torque Command 18 has a 210 cm length to accommodate distal BTK cases using an ipsilateral approach.

- Most wires are 180 cm - 190 cm in length

210 cm length accommodates for longer catheter lengths & access to the distal BTK & pedal vessels

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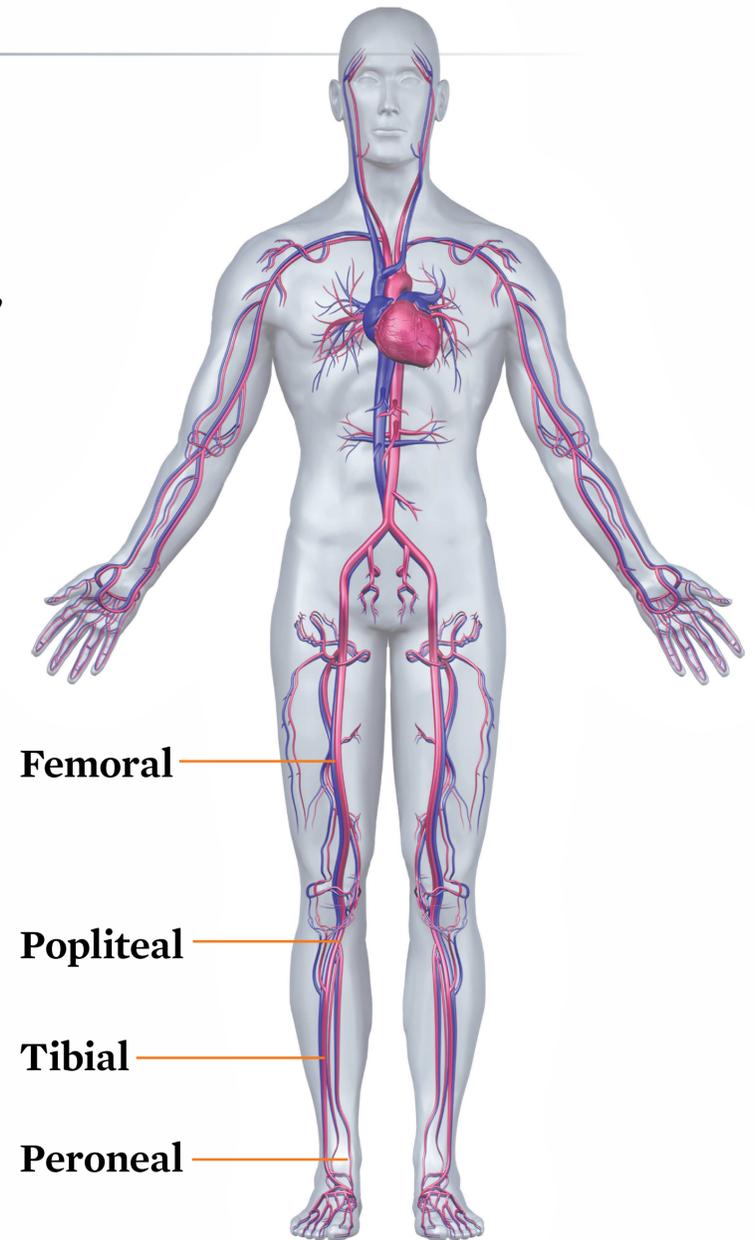
HI-TORQUE COMMAND 18

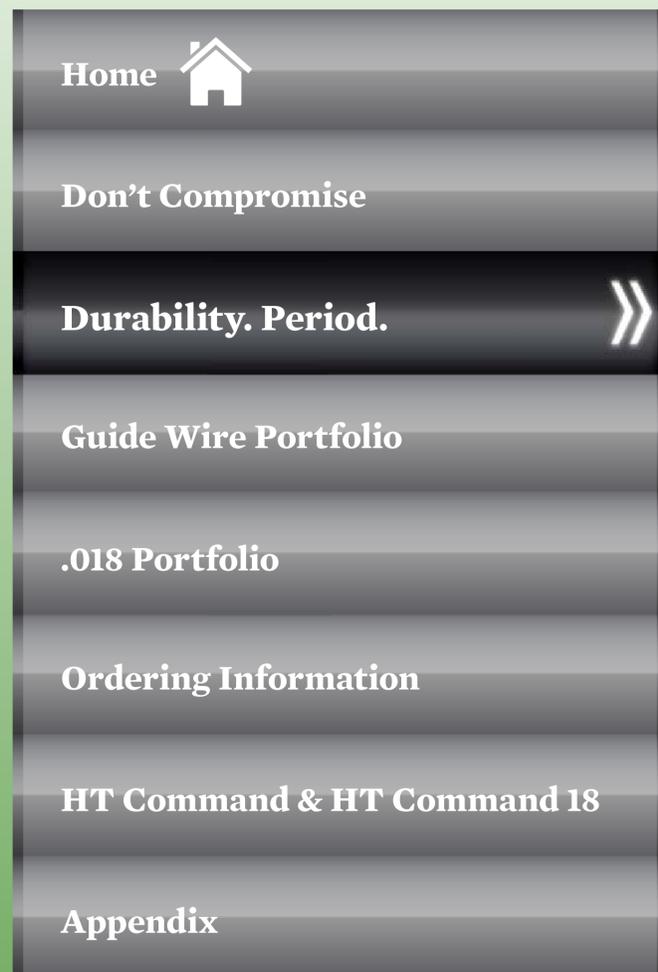
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Indication For Use

This Hi-Torque Guide Wire is intended to facilitate the placement of balloon dilatation catheters during percutaneous transluminal angioplasty (PTA) in arteries such as the femoral, popliteal, and infra-popliteal arteries. This guide wire may also be used with compatible stent devices during therapeutic procedures.

The guide wire may also be used to reach and cross a target lesion, provide a pathway within the vessel structure, facilitate the substitution of one diagnostic or interventional device for another, and to distinguish the vasculature.

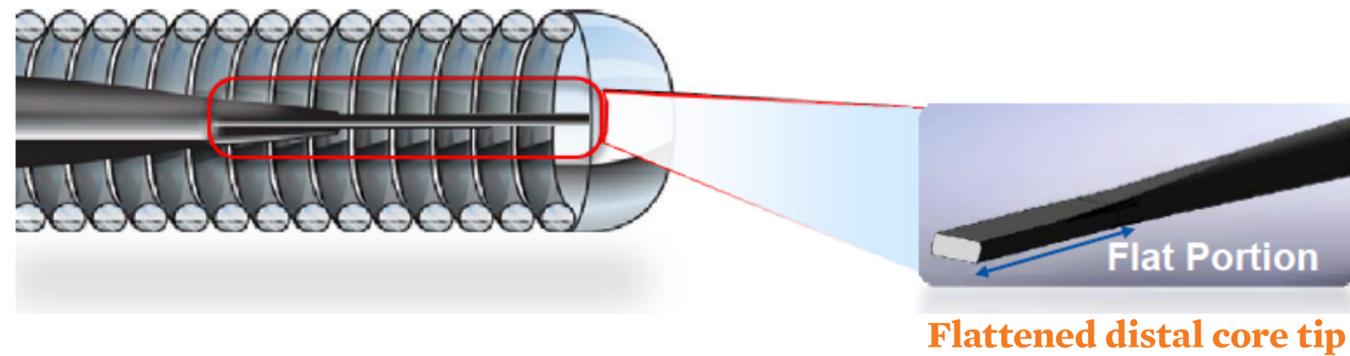




HI-TORQUE COMMAND 18

DURABILITY. PERIOD.

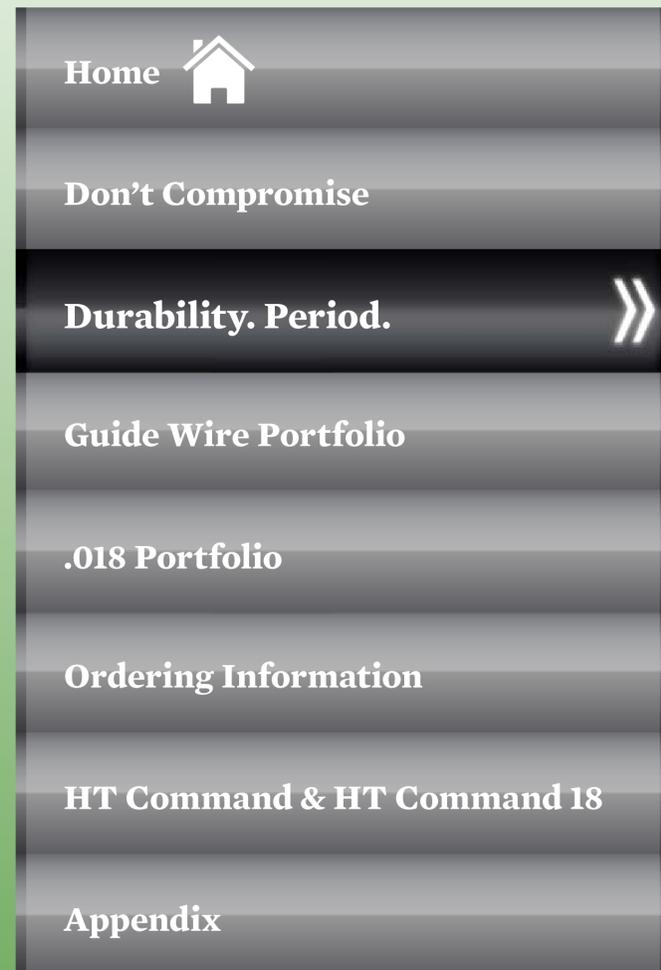
Shapeable Yet Extremely Durable Nitinol Tip



- The flat portion is cold worked to allow the tip to be shaped
- Shapeable yet durable Nitinol tip provides outstanding tip durability (even during tip prolapse)
- Designed for tip prolapse to facilitate subintimal tracking
- Outstanding torque transmission with core-to-tip design
- Flattened tip design is similar to the HT Command (.014) design

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HI-TORQUE COMMAND 18

DURABILITY. PERIOD.

Designed for Tip Prolapse to Facilitate Subintimal Tracking



Competitive .018 wire.
Image courtesy of Dr. DeRubertis, UCLA



Competitive .018 wire.
Image courtesy of Dr. DeRubertis, UCLA

- Competitive .018 wire has a large loop when tracking in the subintimal plane (left image)
- Hi-Torque Command and Hi-Torque Command ES was designed for a small, tight loop when tracking in the subintimal plane (right image). Hi-Torque Command 18 is based on Hi-Torque Command design.

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HI-TORQUE COMMAND 18

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Image 1a: Competitive .018 stainless steel wire tip post-looping in sub intimal plane



Image 1b: Competitive .018 stainless steel wire after attempted reshaping



Image 2a: Hi-Torque Command ES tip post-looping in sub intimal plane



Image 2b: Hi-Torque Command ES wire after attempted reshaping

- Hi-Torque Command 18 has a nitinol tip for durability.
- Hi-Torque Command 18 is based on Hi-Torque Command and Hi-Torque Command ES design.
- Even after tip prolapse in the sub intimal plane, the Hi-Torque Command ES wire maintains outstanding performance.
- Re-shaping the Hi-Torque Command ES wire is easy due to the durability of the tip.

Image courtesy of Dr. DeRubertis, UCLA

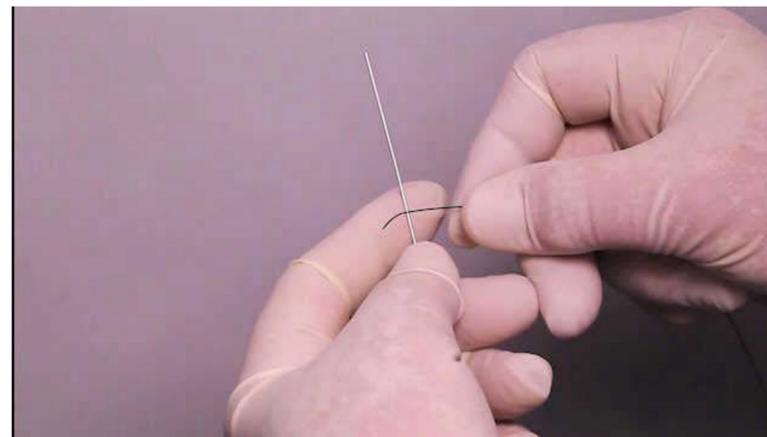
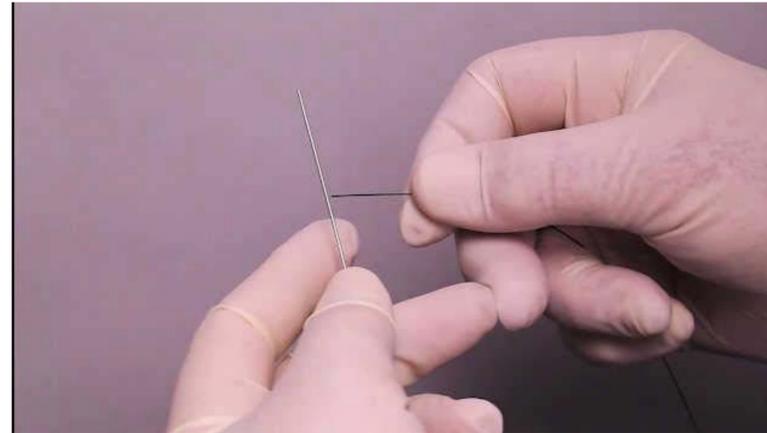




HI-TORQUE COMMAND 18

DURABILITY. PERIOD.

Key Tip Shaping Techniques



- Hi-Torque Command 18 has a durable tip which means it requires more effort to shape the tip.
- Hi-Torque Command 18 is packaged with a torque device and guide wire introducer for tip shaping



- Please click video on the top left for tip shaping technique
- Please click video on bottom left for tip reshaping technique.

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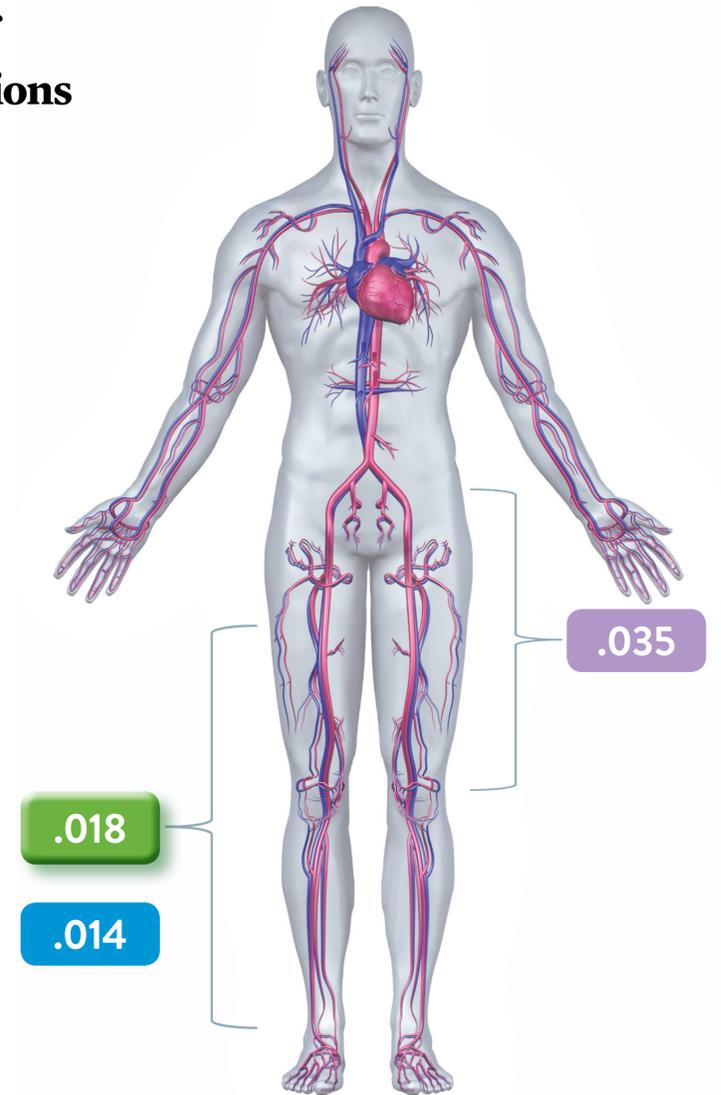
HI-TORQUE COMMAND 18

GUIDE WIRE PORTFOLIO

Hi-Torque Command 18: New Addition to Abbott Vascular Endovascular Guide Wire Portfolio

Abbott Vascular provides a complete toolbox of guide wires for above & below the knee interventions

.035	Supportive Delivery	Hi-Torque Supra Core
	Navigation Workhorse	Hi-Torque Command 18 LT
.018		Hi-Torque Connect Flex
	Supportive Workhorse	Hi-Torque Command 18 ST
		Hi-Torque Connect
	Supportive Delivery	Hi-Torque Steelcore
	Specialty	Hi-Torque Connect 250T
.014	Navigation Workhorse	Hi-Torque Command
	Supportive Workhorse	Hi-Torque Command ES
	Supportive Delivery	Spartacore
	Specialty	Hi-Torque Winn 40
		Hi-Torque Winn 80
		Hi-Torque Winn 200



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HI-TORQUE COMMAND 18

.018 PORTFOLIO

The complete solution for the SFA – Command 18, Armada 18, and Supera

Abbott Vascular offers a complete .018 portfolio to access, cross, dilate, and treat the SFA with Hi-Torque Command 18, Armada 18, and Supera



Hi-Torque Command 18 is designed for access and cross above and below the knee and provides excellent support for the **delivery of the Supera** vascular mimetic implant in the SFA.



Armada 18 allows for **outstanding vessel preparation** and pre-dilatation **for Supera**.



Supera – **clinically proven** for the SFA. **Again and Again.**¹

¹ (a) Garcia L et al. SUPERB final 3-year outcomes using interwoven nitinol biomimetic supera stent. Circ Cardiovasc Interv 2017 May 4. (b) Palena, L.M., SUPERSUB Trial: 1-yr outcomes of SUPERa SUBintimal stenting in CLI Patients, LINC 2016. (c) Werner, et al., Treatment of complex atherosclerotic femoropopliteal artery disease with a self-expanding nitinol stent: midterm results for the Leipzig SUPERA 500 registry, EuroIntervention 2014;10:861-868. (d) Brescia, et al., Stenting of femoropopliteal lesions using interwoven nitinol stents, J Vasc Surg. 2015 Mar 6. (e) Garcia et al. Wire-Interwoven Nitinol Stent Outcome in the Superficial Femoral and Proximal Popliteal Arteries Twelve-Month Results of the SUPERB Trial. Circ Cardiovasc Interv. 2015;8:e000937

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HI-TORQUE COMMAND 18

ORDERING INFORMATION

Product Name	Part Number	Wire Diameter (in)	Nitinol Length (cm)	Tip Load (g)	Tip Shape	Wire Length (cm)
Hi-Torque Command 18 ST	1013784	0.018	10	4	Straight	210
Hi-Torque Command 18 ST	1013785	0.018	10	4	Straight	300
Hi-Torque Command 18 LT	1013806	0.018	25	4	Straight	210
Hi-Torque Command 18 LT	1013807	0.018	25	4	Straight	300

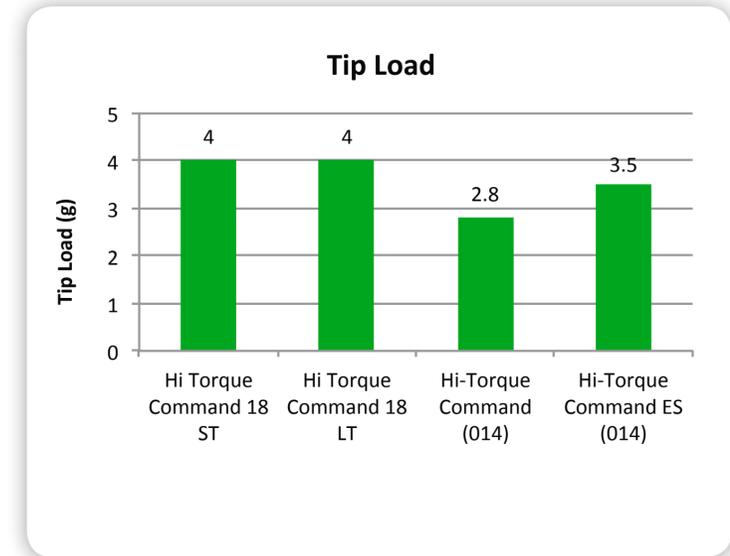
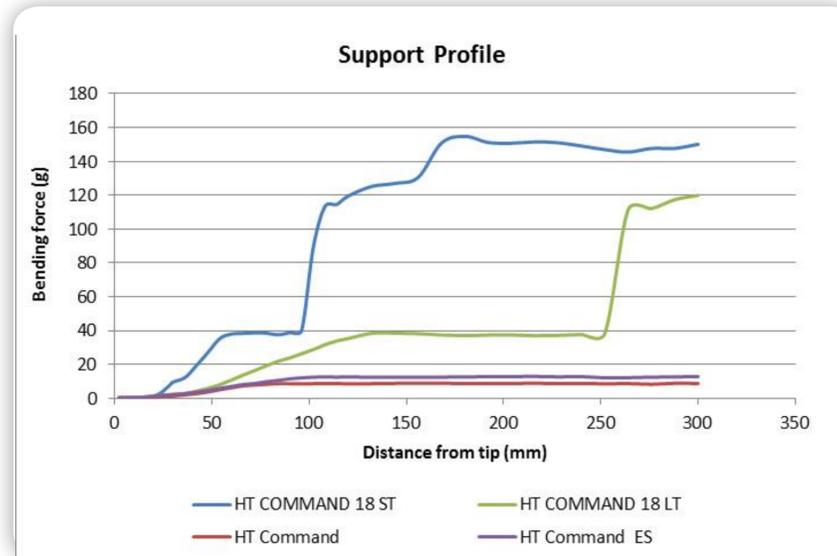


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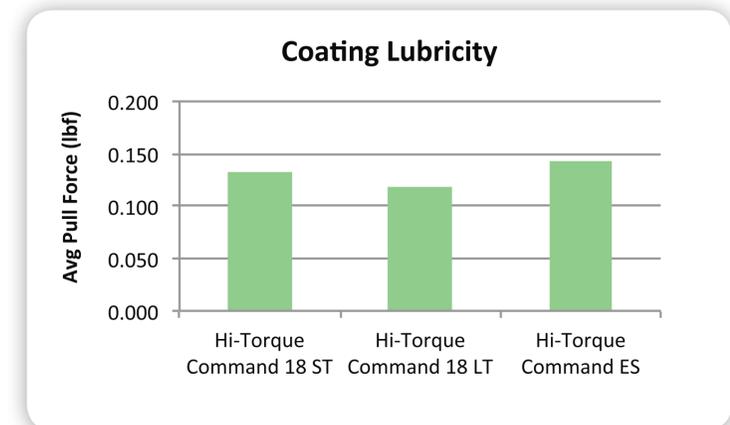
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HI-TORQUE COMMAND 18

HT COMMAND & HT COMMAND 18 FAMILY



- Hi-Torque Command 18 is a step up in support profile from Hi-Torque Command (.014)
- Hi-Torque Command and Hi-Torque Command 18 wires have comparable lubricity due to the same hydrophilic coating used on both families of wires.



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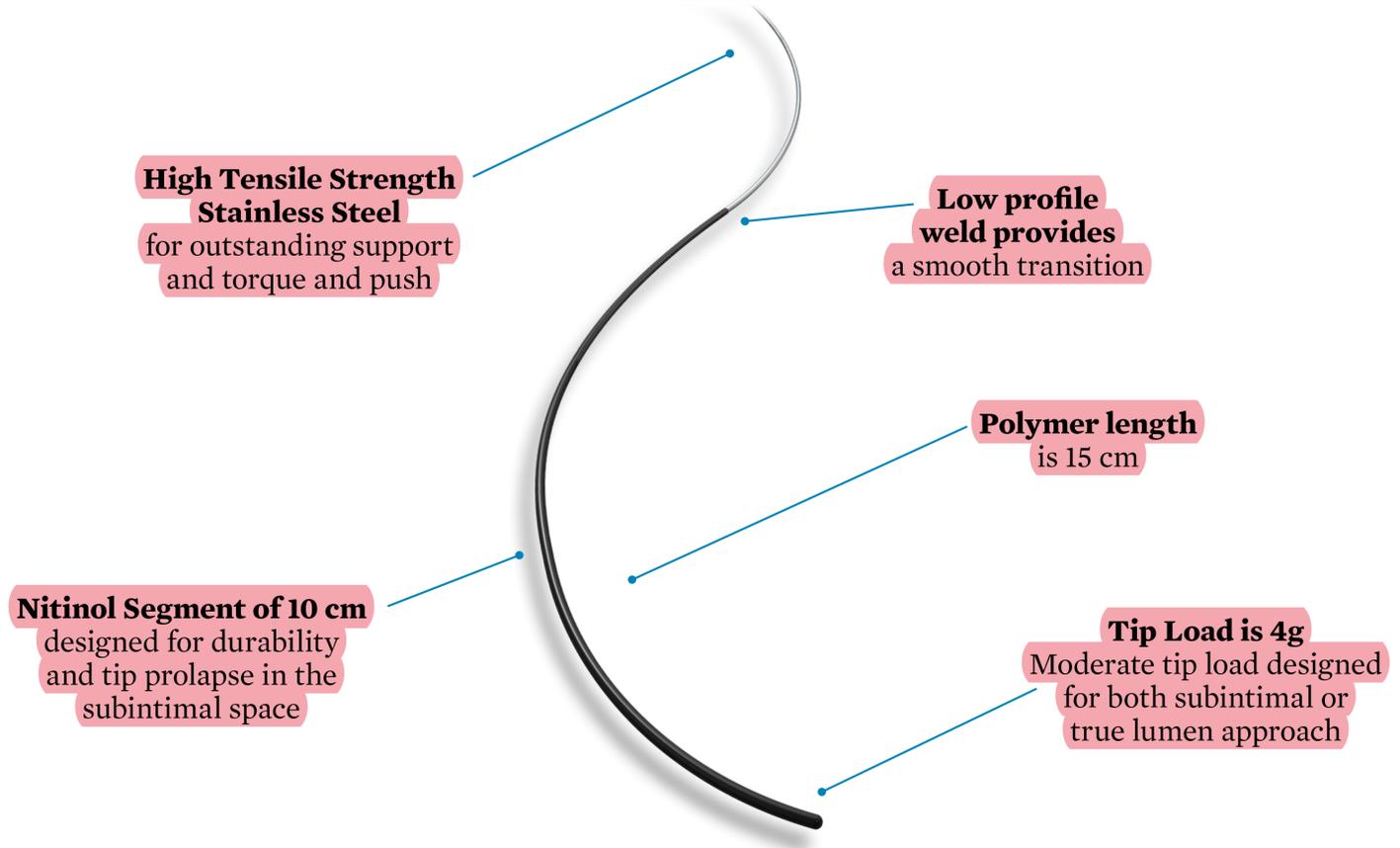


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HI-TORQUE COMMAND 18

HI-TORQUE COMMAND 18 ST DESIGN

Crossing wire with 10cm Nitinol at the distal end providing high support and flexible tip (4 g) designed for crossing occlusions or prolapsing in the subintimal plane.



Offered in 210 cm and 300 cm lengths

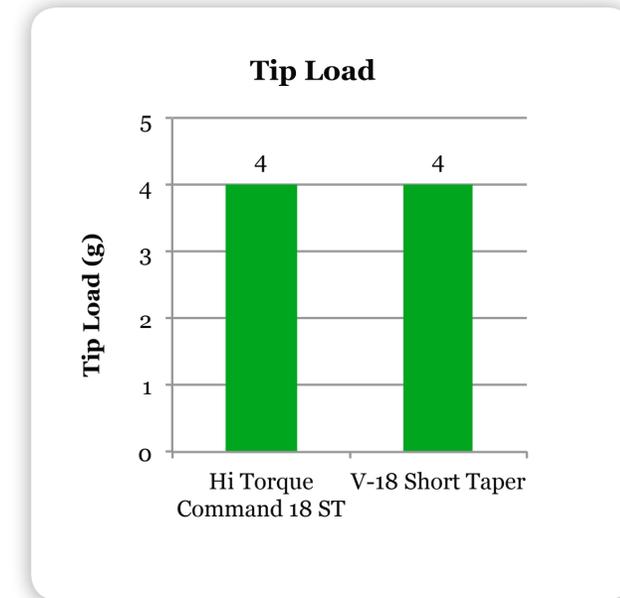
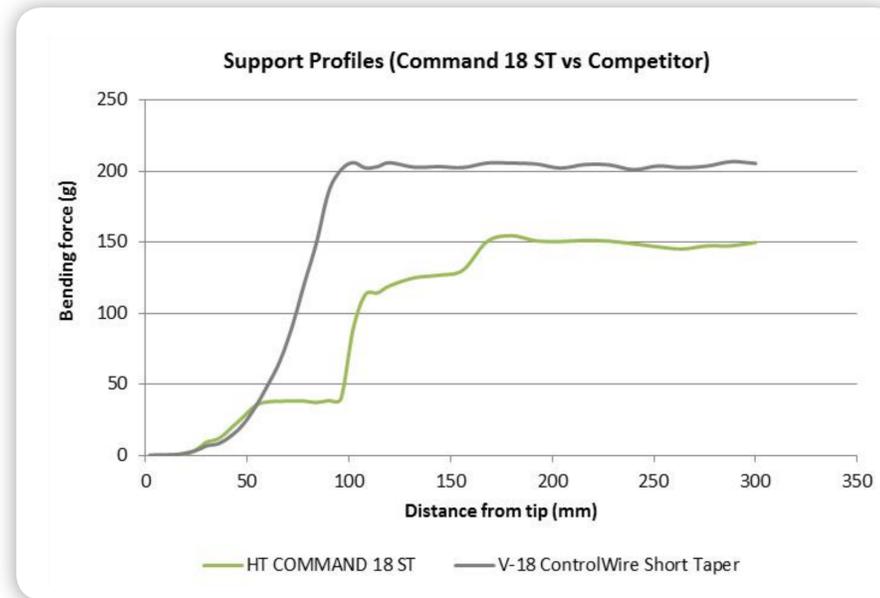


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HI-TORQUE COMMAND 18

HI-TORQUE COMMAND 18 ST VS. V-18



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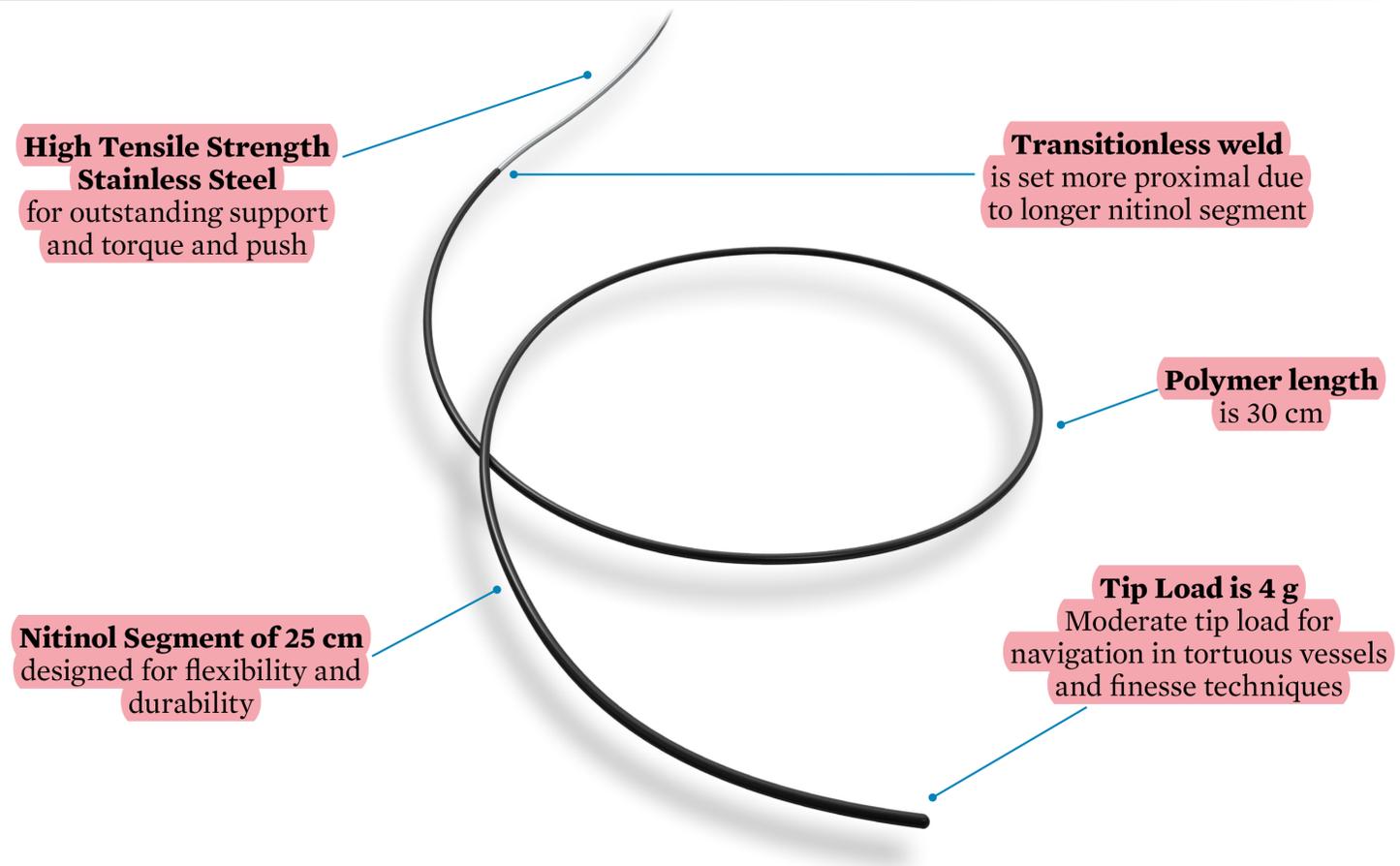
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HI-TORQUE COMMAND 18**HI-TORQUE COMMAND 18 LT DESIGN**

Navigation wire with 25 cm Nitinol at distal end, providing flexible support and soft tip (4 g) to effectively track through tortuous anatomy.



Offered in 210 cm and 300 cm lengths

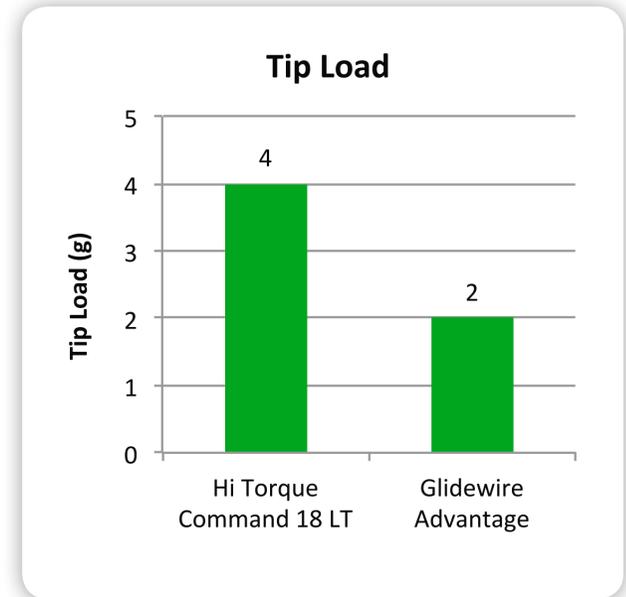
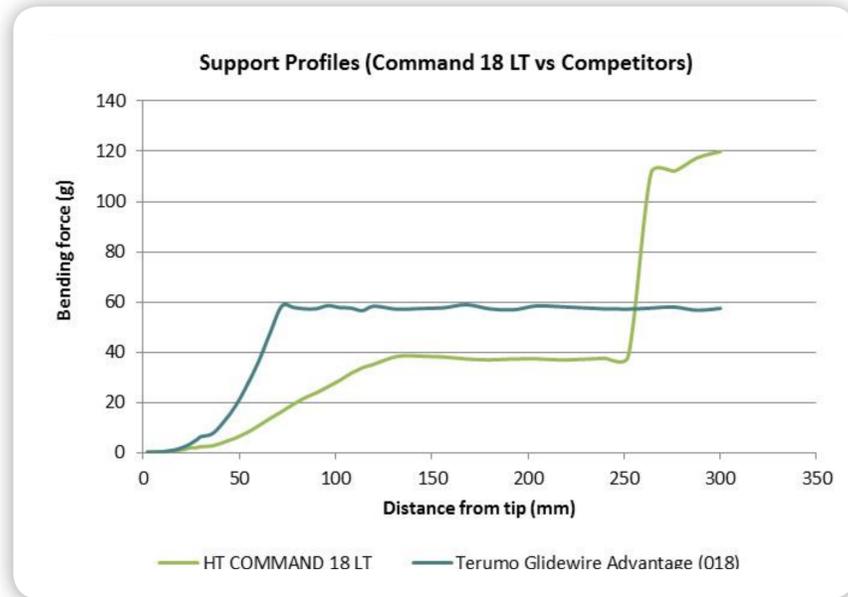
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HI-TORQUE COMMAND 18 LT VS. GLIDEWIRE ADVANTAGE



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HI-TORQUE COMMAND 18

COMPARISON OF HI-TORQUE COMMAND 18
AND OTHER GUIDE WIRE COMPETITORS

	Hi-Torque Command 18 LT / ST	Hi-Torque Connect / Connect Flex / Connect 250T	V-18 Short Taper / Long Taper	035 Glidewire	Glidewire Advantage	Treasure 12 / Floppy	Astato 30	Victory 18
Company	Abbott	Abbott	Boston Scientific	Terumo	Terumo	Asahi	Asahi	Boston Scientific
Platform	.018	.018	.018	.035	.018	.018	.018	.018
Material	Hybrid. Stainless steel proximal and nitinol distal	Stainless steel proximal and distal	Stainless steel proximal and distal	Nitinol proximal and distal	Nitinol proximal and distal	Stainless steel proximal and distal	Stainless steel proximal and distal	Stainless steel proximal and distal
Lengths	210, 300 cm	190, 300 cm	110, 150, 200, 300 cm	80, 150, 180, 260 cm	180, 300 cm	180 cm, 300 cm / 190 cm, 300 cm	180, 300 cm	190, 300 cm
Covers and Coatings	Polymer cover with hydrophilic coating	Connect and Connect Flex have polymer cover with hydrophilic coating. Connect 250T has hydrophilic coating	V-18 has a polymer cover with hydrophilic coating	Full polymer cover from tip to tail with hydrophilic coating	Polymer cover with hydrophilic coating with spiral PTFE on proximal end	SLIPCOAT hydrophilic coating over bare coil wire	SLIPCOAT hydrophilic coating over bare coil wire	Polymer sleeve with hydrophilic coating
Tip Style	Core-to-tip	Core-to-tip	Core-to-tip	Core-to-tip	Core-to-tip	Core-to-tip	Core-to-tip	Core-to-tip
Tip Load (g)*	4 / 4	4 / 12 / 30	4 / 3	N/A	2	17 / 5	31	15 / 22 / 30 / 37
Penetration Power (kg/ in²)	16 / 16	16 / 47 / 244	16 / 12	N/A	8	65 / 18	123	59 / 86 / 118 / 145

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Source: Competitive websites & brochures.
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COMPARISON OF HI-TORQUE COMMAND 18 AND OTHER GUIDE WIRE COMPETITORS

	Hi-Torque Command 18 LT / ST	Gladius	Halberd	Asahi Gaia PV
Company	Abbott	Asahi	Asahi	Asahi
Platform	.018	.018	.018	.018
Material	Hybrid. Stainless steel proximal and nitinol distal	Stainless steel proximal and distal. Has Actone composite core technology	Stainless steel proximal and distal. Has Actone composite core technology	Stainless steel proximal and distal. Has Actone composite core technology
Lengths	210, 300 cm	200, 235, 300 cm	200, 235, 300 cm	200, 235, 300 cm
Covers and Coatings	Polymer cover with hydrophilic coating	Polymer cover and hydrophilic coating	Hydrophilic coating on spring coil	Hydrophilic coating on spring coil. Uncoated tip.
Tip Style	Core-to-tip	Core-to-tip. Comes in straight tip.	Core-to-tip. Has microcone tip. Uncoated distal tip. Comes straight and pre-shaped.	Core-to-tip. Pre-shaped tip. Has microcone and tapered spring coil tip. Uncoated distal tip.
Tip Load (g)*	4 / 4	7 g (4 g from Asahi)	16 g (12 g from Asahi)	10 g (7.5 g from Asahi)
Penetration Power (kg/in²)	16 / 16	29	66	39

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HI-TORQUE COMMAND 18

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