



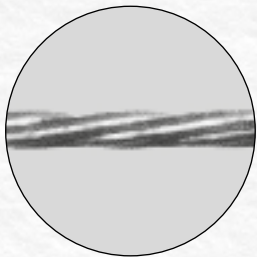
PCI Guide Wire



YOUR DREAMS. WOVEN TOGETHER.

Technology overcoming limitations

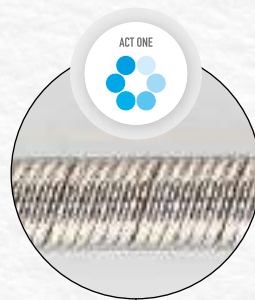
SION TECC is the unique design by ASAHI INTECC's 4 core proprietary technologies which incorporates multiple wire components to enhance guide wire durability and torque transmission.



Twist Wire*

Provides higher tip durability and flexibility.

*Only for the following guide wires: SION Blue, SION, SION Black, SUOH 03.



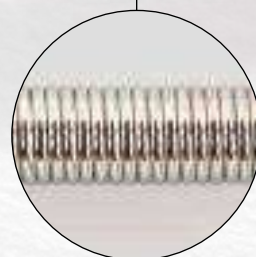
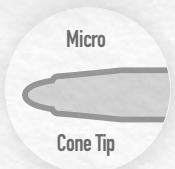
ACT ONE

ACT ONE incorporates ASAHI INTECC's core technologies – wire drawing, wire forming and torque technology. ACT ONE provides ASAHI guide wires with excellent torqueability, kink resistance and shape retention.



Tip Design

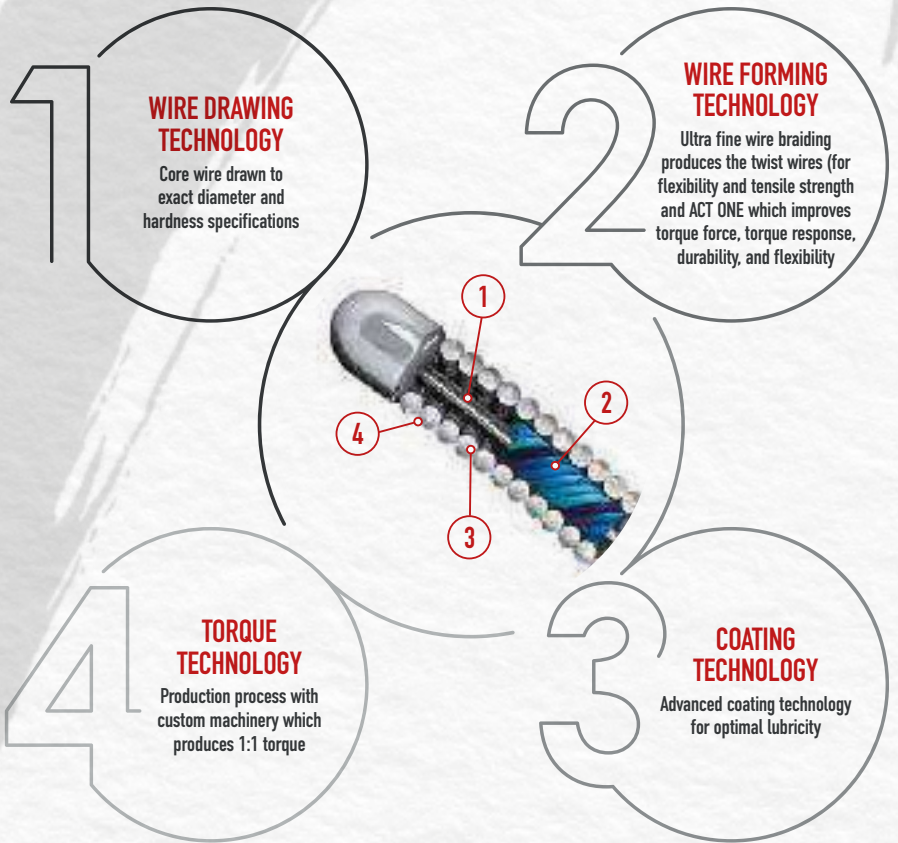
Variety of tip designs and profile to facilitate branch selection or to optimize penetration efficacy.



Joint-less spring coil

Ensures a smooth transition from platinum to stainless steel spring coil and maintains the torqueability of the wire.

ons



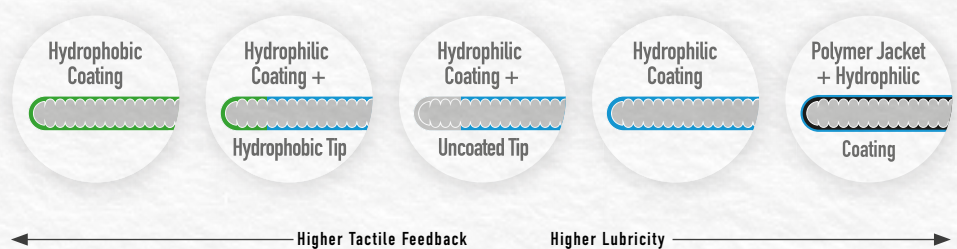
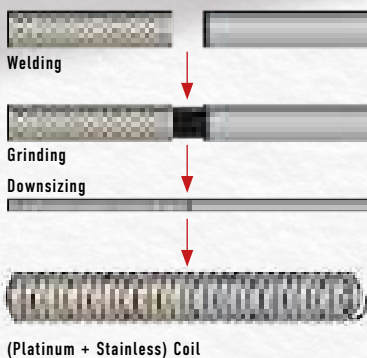
Stainless Steel Core

- Shaft rigidity required for device delivery.
- Strength of torque required for operation.



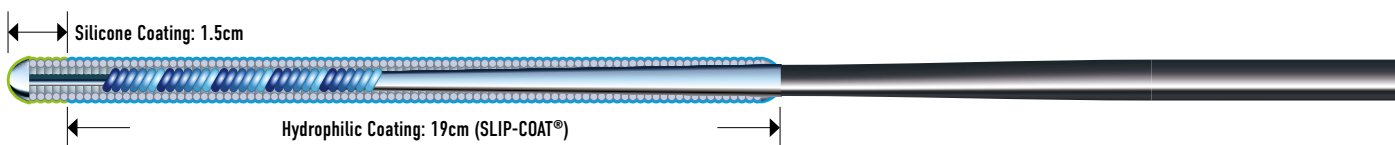
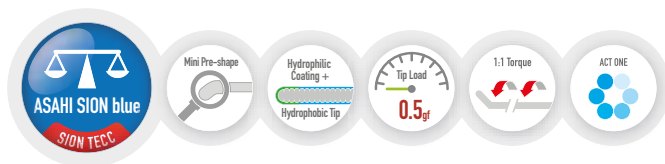
ASAHI Coating Technology

Variety of coating combinations to address any lesion type.



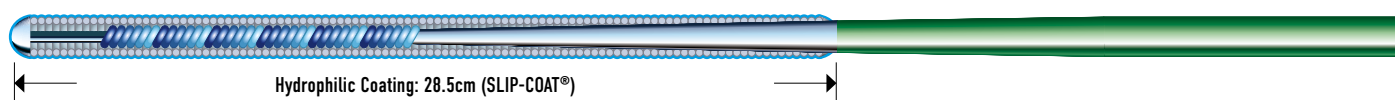
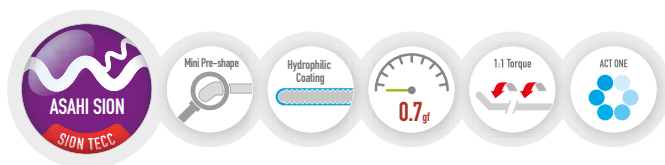
Frontline

ASAHI SION blue



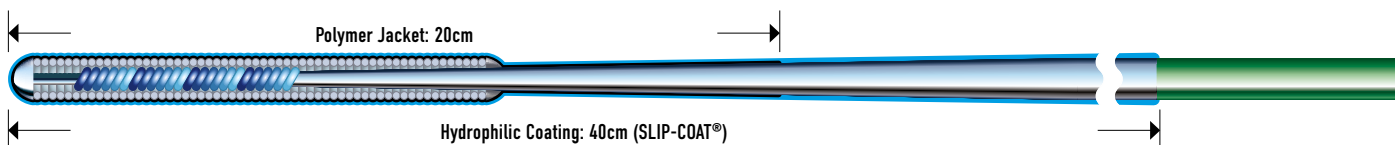
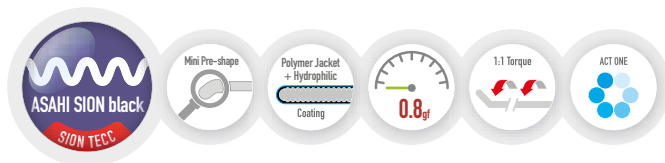
- First choice frontline guide wire with high torque performance.
- Balanced design which combines advanced flexibility and supportability.
- Silicone coating up to 15mm from the tip for safer procedures.

ASAHI SION



- Hydrophilic frontline guide wire with high torque performance in tight anatomy.
- Flexible shaft and atraumatic tip for stress-free operation.

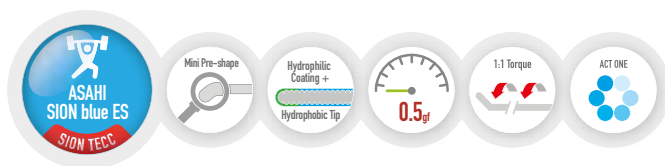
ASAHI SION black



- Polymer jacket frontline guide wire with high lubricity.
- Designed to retain flexibility while crossing high resistance stenosis and tortuous vessels.

Support

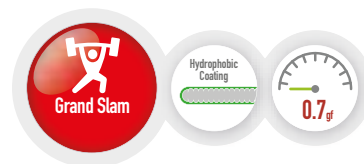
ASAHI SION blue ES



- Extra support frontline guide wire with high torque performance.
- Silicone coating up to 25mm from the tip for safer procedures.
- Designed to stabilize the guide catheter for easier device delivery.

Support

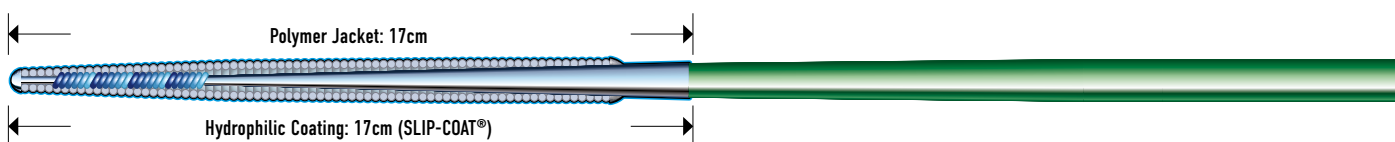
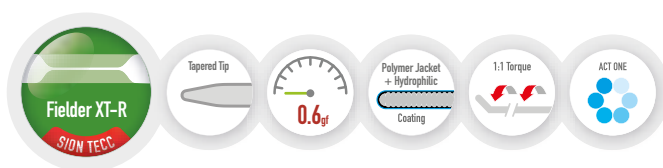
Grand Slam



- Hydrophobic supportive guide wire.
- The stiff shaft provides extra support for device delivery in extreme cases.

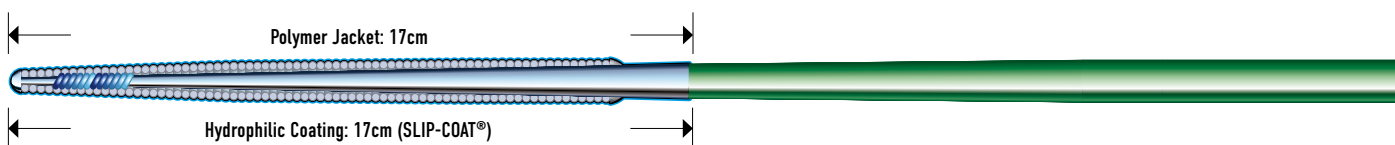
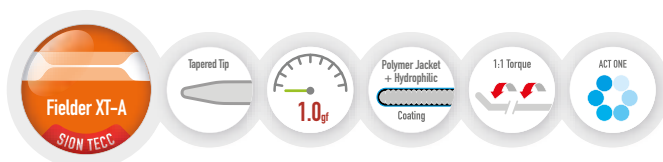
Complex & Total Occlusion

Fielder XT-R



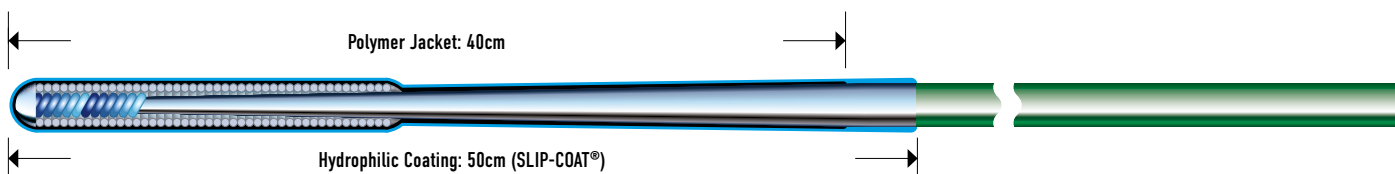
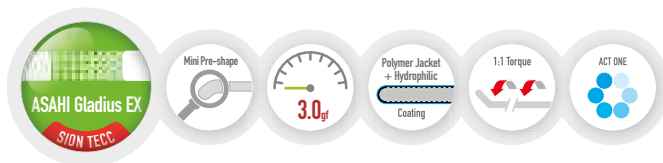
- Polymer jacket, tapered guide wire.
- First choice for CTO: recommended for loose tissue and narrow channel tracking with its low profile, flexible tip and high lubricity.
- Tip Diameter: 0.010 inch

Fielder XT-A



- Polymer jacket, tapered guide wire.
- First choice for CTO: Higher tip load than Fielder XT-R for easier entry into the chronic occluded lesion.
- Tip Diameter: 0.010 inch.

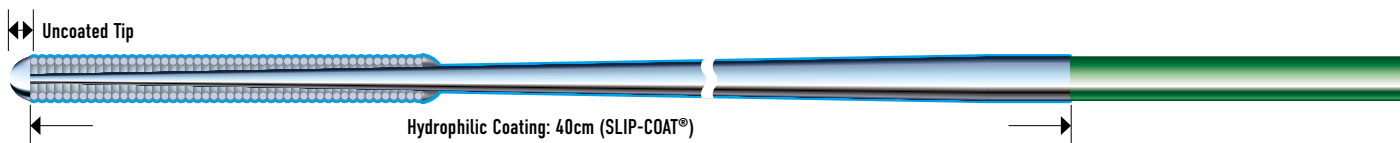
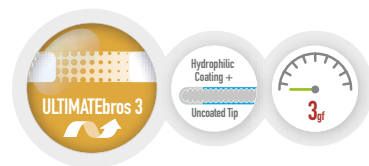
ASAHI Gladius EX



- Middleweight, non-tapered polymer jacket guide wire with balanced shaft support and excellent lubricity for smooth navigation through long tortuous segments and ambiguous vessel course occlusions.

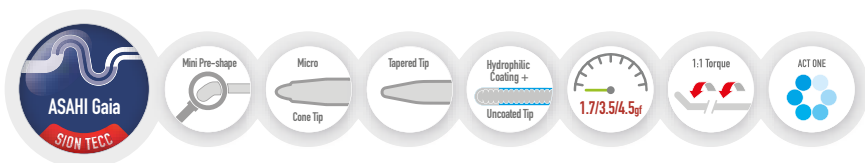
Complex & Total Occlusion

ULTIMATEbros 3



- Middleweight, non-tapered hydrophilic guide wire with good lubricity, tactile feedback and moderate penetration capacity for controlled drilling technique.

ASAHI Gaia Series (First, Second, Third)



Gaia Micro-cone Tip

Tapered hydrophilic guide wires with high maneuverability in the chronic total occluded lesion and a micro-cone tip designed to improve penetrability into the lesion while remaining flexible.

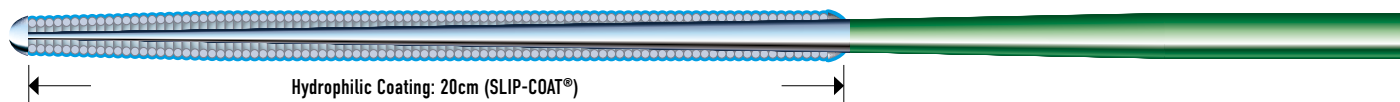
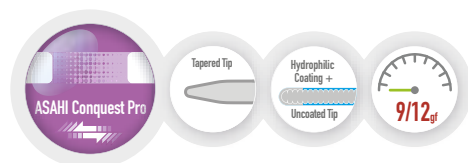
Tip Load:

ASAHI Gaia First: 1.7gf
ASAHI Gaia Second: 3.5gf
ASAHI Gaia Third: 4.5gf

Tip Diameter:

ASAHI Gaia First: 0.010 inch
ASAHI Gaia Second: 0.011 inch
ASAHI Gaia Third: 0.012 inch

ASAHI Conquest Pro Series/ ASAHI Confianza Pro Series



- Tapered hydrophilic guide wire with high penetration efficacy for crossing complex lesions with heavy calcification or tough fibrous tissues.

Tip Load:

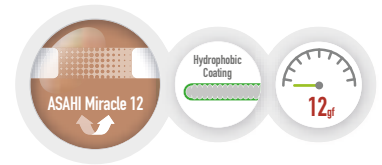
ASAHI Conquest Pro / Confianza Pro: 9gf
ASAHI Conquest Pro 12 / Confianza Pro 12: 12gf

Tip Diameter:

ASAHI Conquest Pro / Confianza Pro: 0.009 inch
ASAHI Conquest Pro 12 / Confianza Pro 12: 0.009 inch

Complex & Total Occlusion

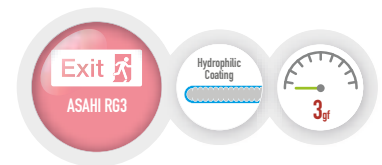
ASAHI Miracle 12/ ASAHI MIRACLEbros 12



- High tip load, silicone coated guide wire with good tactile feedback, good support and penetration capacity for drilling technique.

Externalization

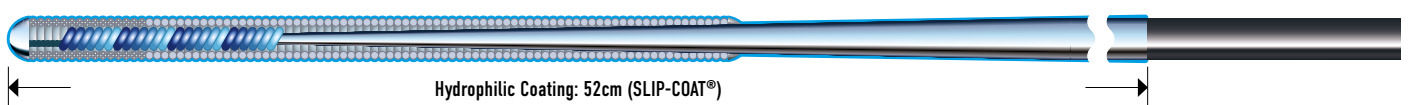
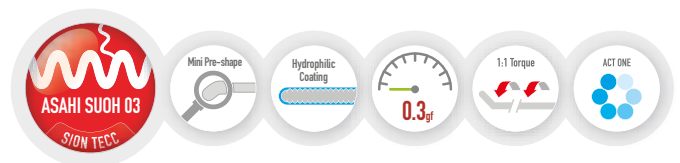
ASAHI RG3



- Externalization guide wire with hydrophilic coating and 0.010 inch (0.26mm) shaft diameter which provides optimal flexibility, deliverability and stability for device advancement.

Retrograde

ASAHI SUOH 03

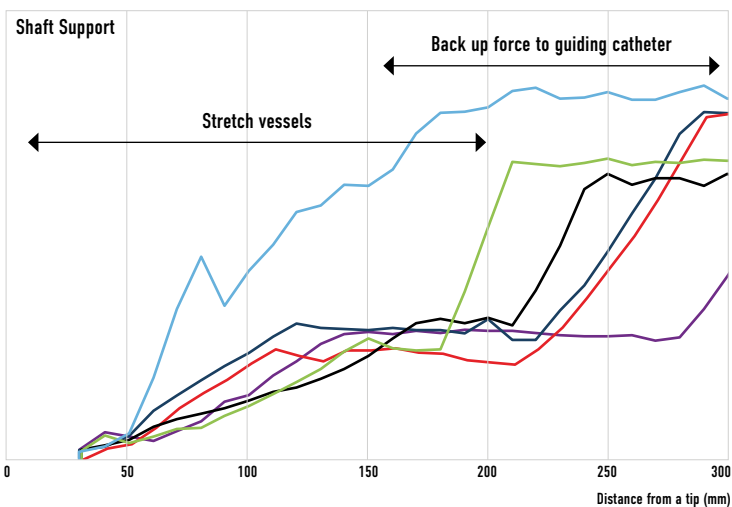
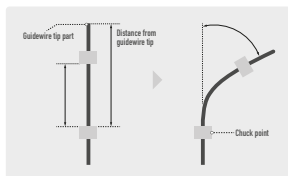


- Flexible tip provides superb trackability and safety while crossing extremely tortuous and angulated collaterals. Proximal shaft rigidity provides optimal support for device delivery.

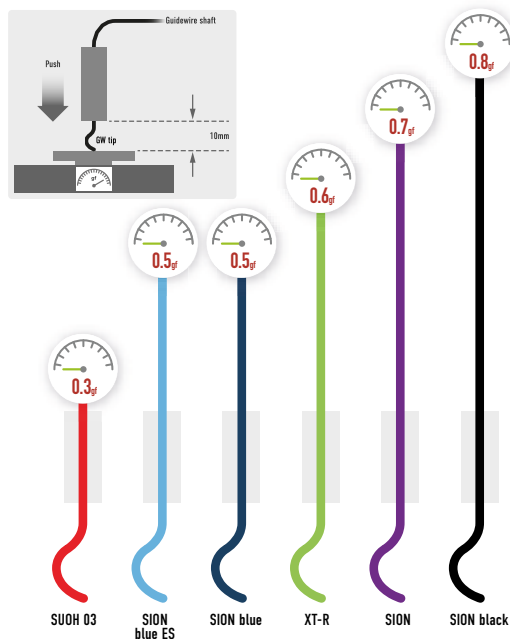
ASAHI's Guide Wires Overview

Shaft Support

- SION
- SION blue
- SION blue ES
- SION black
- XT-R
- SUOH 03



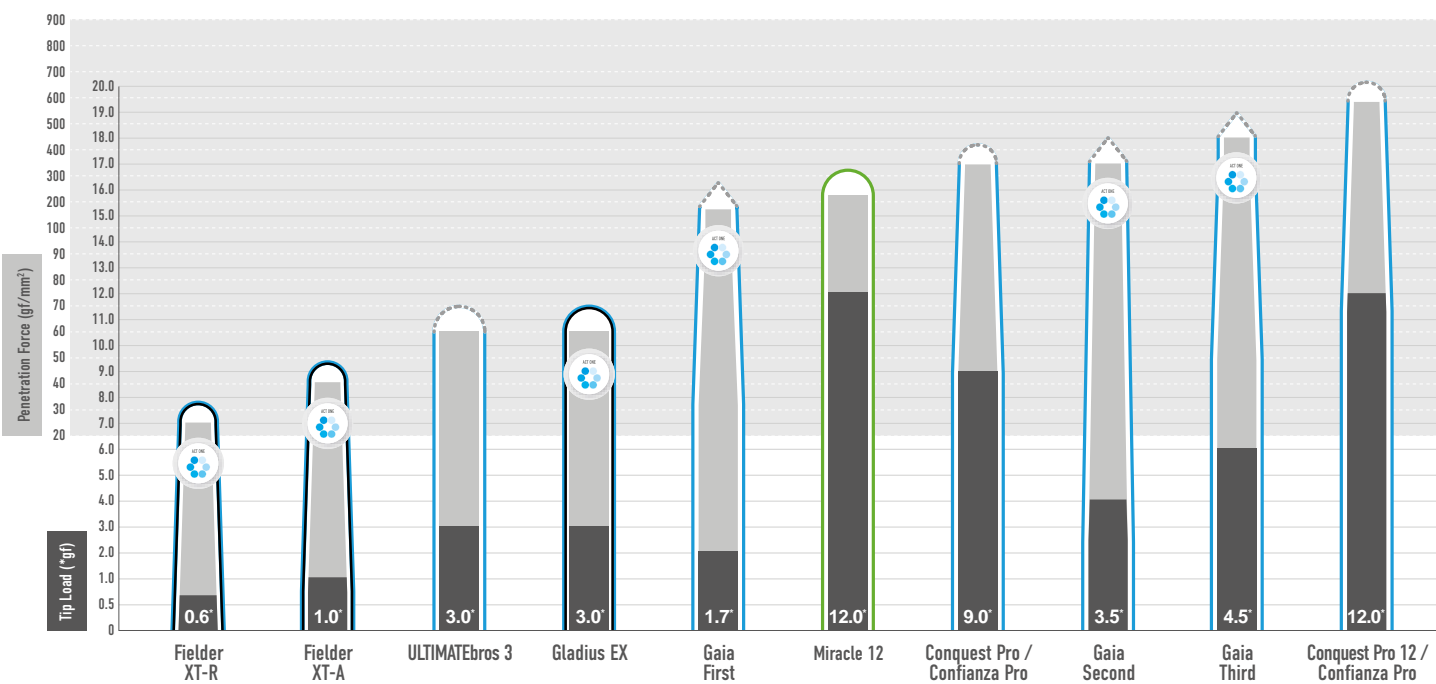
Tip Load



Penetration Force


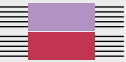



$$\text{Penetration Force} = \frac{\text{Tip Load}}{\text{Area of Tip}}$$

- Polymer —
- Hydrophilic —
- Hydrophobic —
- Uncoated Tip —





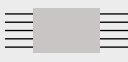





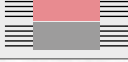




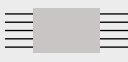





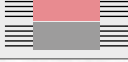




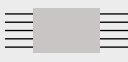





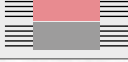



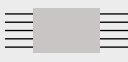





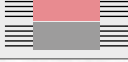







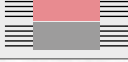






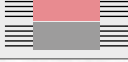





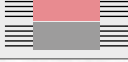





*All the data were obtained by company standardized test, which may differ from industry standardized tests.
 *All the data do not guarantee that all devices have exactly the same performance with the samples used for these tests.

Ordering Information & Lineup – Frontline Guide Wires

Product	Catalog No.	Diameter (mm (inch))	Radiopaque Segment (mm)	Spring Coil Length (cm)	Length (cm)	Tip Shape	Clip Colour
ASAHI SION blue	AHW14R104S	0.36 (0.014)	3	20	190	Straight	
	AHW14R304S				300	Straight	
	AHW14R104J				190	J	
	AHW14R304J				300	J	
	AHW14R104P				190	Pre-shape	
	AHW14R304P				300	Pre-shape	
ASAHI SION	AHW14R101S	0.36 (0.014)	3	28	190	Straight	
	AHW14R301S				300	Straight	
	AHW14R101J				190	J	
	AHW14R301J				300	J	
	AHW14R101P				190	Pre-shape	
	AHW14R301P				300	Pre-shape	
ASAHI SION black	APW14R010S	0.36 (0.014)	3	12	190	Straight	
	APW14R310S				300	Straight	
	APW14R010J				190	J	
	APW14R310J				300	J	
	APW14R010P				190	Pre-shape	
	APW14R310P				300	Pre-shape	
ASAHI SION blue ES	AHW14R017S	0.36 (0.014)	3	8.5	190	Straight	
	AHW14R317S				300	Straight	
	AHW14R017J				190	J	
	AHW14R317J				300	J	
	AHW14R017P				190	Pre-shape	
	AHW14R317P				300	Pre-shape	
Grand Slam	AG141002	0.36 (0.014)	4	4	180	Straight	
	AG141302				300	Straight	
	AG141002J				180	J	

Ordering Information & Lineup – CTO Guide Wires

Product	Catalog No.	Diameter (mm (inch))	Radiopaque Segment (mm)	Spring Coil Length (cm)	Length (cm)	Tip Shape	Clip Colour																																																																																																													
Fielder XT-R	APW14R005S	0.26 / 0.36 (0.010 / 0.014)	16	16	190	Straight																																																																																																														
	APW14R305S				300	Straight		Fielder XT-A	APW14R009S	0.26 / 0.36 (0.010 / 0.014)	16	16	190	Straight		APW14R309S	300	Straight	ASAHI Gladius EX	AP14R025P	0.36 (0.014)	3	11	200	Pre-shape		AP14R325P	300	Pre-shape	ULTIMATEbros 3	AHW14S003S	0.36 (0.014)	11	11	180	Straight		ASAHI Gaia First	AHW14R007P	0.26 / 0.36 (0.010 / 0.014)	15	15	190	Pre-shape		AHW14R307P	300	Pre-shape	ASAHI Gaia Second	AHW14R008P	0.28 / 0.36 (0.011 / 0.014)	15	15	190	Pre-shape		AHW14R308P	300	Pre-shape	ASAHI Gaia Third	AHW14R011P	0.30 / 0.36 (0.012 / 0.014)	15	15	190	Pre-shape		AHW14R311P	300	Pre-shape	ASAHI Conquest Pro / ASAHI Confianza Pro	AGH143090	0.23 / 0.36 (0.009 / 0.014)	20	20	180	Straight		ASAHI Conquest Pro 12 / ASAHI Confianza Pro 12	AGH143091	0.23 / 0.36 (0.009 / 0.014)	20	20	180	Straight		ASAHI Miracle 12 / ASAHI MIRACLEbros 12	AG14M070	0.36 (0.014)	11	11	180	Straight		ASAHI RG3	AHW10S302S	0.26 (0.010)	3	8	330	Straight		ASAHI SUOH 03	AHW14R013P	0.36 (0.014)	3	19	190	Pre-shape		AHW14R313P	300	Pre-shape	ASAHI EXTENSION 165cm	AG149001	0.36 (0.014)
Fielder XT-A	APW14R009S	0.26 / 0.36 (0.010 / 0.014)	16	16	190	Straight																																																																																																														
	APW14R309S				300	Straight		ASAHI Gladius EX	AP14R025P	0.36 (0.014)	3	11	200	Pre-shape		AP14R325P	300	Pre-shape	ULTIMATEbros 3	AHW14S003S	0.36 (0.014)	11	11	180	Straight		ASAHI Gaia First	AHW14R007P	0.26 / 0.36 (0.010 / 0.014)	15	15	190	Pre-shape		AHW14R307P	300	Pre-shape	ASAHI Gaia Second	AHW14R008P	0.28 / 0.36 (0.011 / 0.014)	15	15	190	Pre-shape		AHW14R308P	300	Pre-shape	ASAHI Gaia Third	AHW14R011P	0.30 / 0.36 (0.012 / 0.014)	15	15	190	Pre-shape		AHW14R311P	300	Pre-shape	ASAHI Conquest Pro / ASAHI Confianza Pro	AGH143090	0.23 / 0.36 (0.009 / 0.014)	20	20	180	Straight		ASAHI Conquest Pro 12 / ASAHI Confianza Pro 12	AGH143091	0.23 / 0.36 (0.009 / 0.014)	20	20	180	Straight		ASAHI Miracle 12 / ASAHI MIRACLEbros 12	AG14M070	0.36 (0.014)	11	11	180	Straight		ASAHI RG3	AHW10S302S	0.26 (0.010)	3	8	330	Straight		ASAHI SUOH 03	AHW14R013P	0.36 (0.014)	3	19	190	Pre-shape		AHW14R313P	300	Pre-shape	ASAHI EXTENSION 165cm	AG149001	0.36 (0.014)	—	—	165	—							
ASAHI Gladius EX	AP14R025P	0.36 (0.014)	3	11	200	Pre-shape																																																																																																														
	AP14R325P				300	Pre-shape		ULTIMATEbros 3	AHW14S003S	0.36 (0.014)	11	11	180	Straight		ASAHI Gaia First	AHW14R007P	0.26 / 0.36 (0.010 / 0.014)	15	15	190	Pre-shape		AHW14R307P	300	Pre-shape	ASAHI Gaia Second	AHW14R008P	0.28 / 0.36 (0.011 / 0.014)	15	15	190	Pre-shape		AHW14R308P	300	Pre-shape	ASAHI Gaia Third	AHW14R011P	0.30 / 0.36 (0.012 / 0.014)	15	15	190	Pre-shape		AHW14R311P	300	Pre-shape	ASAHI Conquest Pro / ASAHI Confianza Pro	AGH143090	0.23 / 0.36 (0.009 / 0.014)	20	20	180	Straight		ASAHI Conquest Pro 12 / ASAHI Confianza Pro 12	AGH143091	0.23 / 0.36 (0.009 / 0.014)	20	20	180	Straight		ASAHI Miracle 12 / ASAHI MIRACLEbros 12	AG14M070	0.36 (0.014)	11	11	180	Straight		ASAHI RG3	AHW10S302S	0.26 (0.010)	3	8	330	Straight		ASAHI SUOH 03	AHW14R013P	0.36 (0.014)	3	19	190	Pre-shape		AHW14R313P	300	Pre-shape	ASAHI EXTENSION 165cm	AG149001	0.36 (0.014)	—	—	165	—																		
ULTIMATEbros 3	AHW14S003S	0.36 (0.014)	11	11	180	Straight																																																																																																														
ASAHI Gaia First	AHW14R007P	0.26 / 0.36 (0.010 / 0.014)	15	15	190	Pre-shape																																																																																																														
	AHW14R307P				300	Pre-shape		ASAHI Gaia Second	AHW14R008P	0.28 / 0.36 (0.011 / 0.014)	15	15	190	Pre-shape		AHW14R308P	300	Pre-shape	ASAHI Gaia Third	AHW14R011P	0.30 / 0.36 (0.012 / 0.014)	15	15	190	Pre-shape		AHW14R311P	300	Pre-shape	ASAHI Conquest Pro / ASAHI Confianza Pro	AGH143090	0.23 / 0.36 (0.009 / 0.014)	20	20	180	Straight		ASAHI Conquest Pro 12 / ASAHI Confianza Pro 12	AGH143091	0.23 / 0.36 (0.009 / 0.014)	20	20	180	Straight		ASAHI Miracle 12 / ASAHI MIRACLEbros 12	AG14M070	0.36 (0.014)	11	11	180	Straight		ASAHI RG3	AHW10S302S	0.26 (0.010)	3	8	330	Straight		ASAHI SUOH 03	AHW14R013P	0.36 (0.014)	3	19	190	Pre-shape		AHW14R313P	300	Pre-shape	ASAHI EXTENSION 165cm	AG149001	0.36 (0.014)	—	—	165	—																																					
ASAHI Gaia Second	AHW14R008P	0.28 / 0.36 (0.011 / 0.014)	15	15	190	Pre-shape																																																																																																														
	AHW14R308P				300	Pre-shape		ASAHI Gaia Third	AHW14R011P	0.30 / 0.36 (0.012 / 0.014)	15	15	190	Pre-shape		AHW14R311P	300	Pre-shape	ASAHI Conquest Pro / ASAHI Confianza Pro	AGH143090	0.23 / 0.36 (0.009 / 0.014)	20	20	180	Straight		ASAHI Conquest Pro 12 / ASAHI Confianza Pro 12	AGH143091	0.23 / 0.36 (0.009 / 0.014)	20	20	180	Straight		ASAHI Miracle 12 / ASAHI MIRACLEbros 12	AG14M070	0.36 (0.014)	11	11	180	Straight		ASAHI RG3	AHW10S302S	0.26 (0.010)	3	8	330	Straight		ASAHI SUOH 03	AHW14R013P	0.36 (0.014)	3	19	190	Pre-shape		AHW14R313P	300	Pre-shape	ASAHI EXTENSION 165cm	AG149001	0.36 (0.014)	—	—	165	—																																																
ASAHI Gaia Third	AHW14R011P	0.30 / 0.36 (0.012 / 0.014)	15	15	190	Pre-shape																																																																																																														
	AHW14R311P				300	Pre-shape		ASAHI Conquest Pro / ASAHI Confianza Pro	AGH143090	0.23 / 0.36 (0.009 / 0.014)	20	20	180	Straight		ASAHI Conquest Pro 12 / ASAHI Confianza Pro 12	AGH143091	0.23 / 0.36 (0.009 / 0.014)	20	20	180	Straight		ASAHI Miracle 12 / ASAHI MIRACLEbros 12	AG14M070	0.36 (0.014)	11	11	180	Straight		ASAHI RG3	AHW10S302S	0.26 (0.010)	3	8	330	Straight		ASAHI SUOH 03	AHW14R013P	0.36 (0.014)	3	19	190	Pre-shape		AHW14R313P	300	Pre-shape	ASAHI EXTENSION 165cm	AG149001	0.36 (0.014)	—	—	165	—																																																											
ASAHI Conquest Pro / ASAHI Confianza Pro	AGH143090	0.23 / 0.36 (0.009 / 0.014)	20	20	180	Straight																																																																																																														
ASAHI Conquest Pro 12 / ASAHI Confianza Pro 12	AGH143091	0.23 / 0.36 (0.009 / 0.014)	20	20	180	Straight																																																																																																														
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