

**DECLARATION OF CONFORMITY TO COUNCIL DIRECTIVE
93/42/EEC CONCERNING MEDICAL DEVICES**



Manufacturer:

APT Medical Inc.

No.009, Xiangxiang Road, Xiangxiang Economic Development
Zone, Xiangxiang City, Hunan 411400, P.R. China

Medical Device:

Hydrophilic Guidewire

Model:

See the attached model list

Classification-Annex IX:

Class III, Rule 6

Conformity Assessment Route:

Annex II.4

We, APT Medical Inc., herewith declare that the stated medical devices meet the transposition into national law of the member states, the provisions of council directive 93/42/EEC as amended by directive 2007/47/EC; All supporting documentation is retained at the premises of the manufacturer.

Standards applied: See Attached list of (harmonized-EN) standards

Notified Body:

SGS Belgium NV
Noorderlaan 87 BE-2030 Antwerpen, Belgium

Identification Number:

1639

(EC)Certificate(s):

CN19/41134

European Representative:

Shanghai International Holding Corp. Gmbh (Europe)
Eiffestrasse 80.20537 Hamburg, Germany

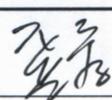
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Start of CE-marking:

12 August 2016

Place Date of Declaration: **Xiangxiang City**

Signature:



Name: Lei Gong

2021.5.31

Position: Management Representative

Attached list of (harmonized-EN) standards

Standard	Title
EN ISO 13485: 2016	Medical devices - Quality management systems - Requirements regulatory purposes
EN ISO 14971: 2012	Medical devices – Application of risk management to medical devices
EN ISO 14155: 2011/Cor1: 2011	Clinical investigation of medical devices for human subjects - Good clinical practice
MEDDEV. 2.7.1 rev.4	Guidelines on medical devices - Clinical evaluation: A guide for manufacturers and notified bodies.
EN ISO 11070:2014	Sterile single-use intravascular introducers, dilators and guide wires- Part 1: Guide devices.
EN ISO 10993-1:2009/AC:2010	Biological evaluation of medical devices — Part 1: Evaluation and testing within a risk management procedure
EN ISO 10993-4:2009	Biological evaluation of medical devices — Part 4: Selection of tests for interactions with blood
EN ISO 10993-5:2009	Biological evaluation of medical devices — Part 5: Tests for in vitro cytotoxicity
EN ISO 10993-7:2008/AC 2009	Biological evaluation of medical devices - Part 7: Ethylene oxide sterilization residuals
EN ISO 10993-10:2013	Biological evaluation of medical devices — Part10: Tests for irritation and skin sensitization
EN ISO 10993-11:2009	Biological evaluation of medical devices — Part 11: Tests for systemic toxicity
EN 1041: 2008+A1:2013	Information supplied by the manufacturer of medical devices
EN ISO 15223-1: 2016	Medical devices — Symbols to be used with medical device labels, labeling and information to be supplied — Part 1: General requirements
EN 980:2008	Symbols for use in the labelling of medical devices
EN ISO 11607-1: 2009/A1: 2014	Packaging for terminally sterilized medical devices – Part 1: Requirements for materials, sterile barrier systems and packaging systems
EN ISO 11607-2: 2006/A1: 2014	Packaging for terminally sterilized medical devices – Part 2: Validation requirements for forming, sealing and assembly processes
ISO 11135:2014	Sterilization of health care products – Ethylene oxide – Part 1: Requirements for development, validation and routine control of a sterilization process for medical devices
EN ISO 11138-2:2009	Sterilization of health care products – Biological indicators – Part 2: Biological indicators for ethylene oxide sterilization processes
EN ISO 11737-1: 2006 /AC:2009	Sterilization of medical devices - Microbiological methods - Part 1: Determination of a population of microorganisms on products
EN ISO 11737-2: 2009	Sterilization of Medical Devices - Microbiological Methods - Part 2: Tests of Sterility Performed in the Validation of a Sterilization Process
EN 556-1: 2001 / AC:2006	Sterilization of medical devices – Requirements for medical devices to be designated “Sterile” – Part 1: Requirements for terminally sterilized medical devices
EN ISO 14644-1:2015	Cleanrooms and associated controlled environments - Part 1: Classification of air cleanliness by particle concentration
EN ISO 14644-2:2015	Cleanrooms and associated controlled environments - Part 2: Monitoring to provide evidence of classroom performance related to air cleanliness by particle concentration

Attached device model list:

Product range:

Hydrophilic Guidewire				
Diameter type	Shaft type	Tip shape	Guidewire total length	Flexible tip length
0.018, 0.025, 0.032, 0.035, 0.038(")	Standard, Stiff, Extra stiff	Straight, Angle, R1.5mm J, R2mm J, R3mm J, R4mm J, R6mm J, B Angle, C Angle	45cm, 80cm, 120cm, 150cm, 180cm, 220cm, 260cm, 300cm, 400cm, 450cm	1.5cm, 3cm, 5cm, 8cm

Model List of Hydrophilic Guidewire

REF	Diameter Type	Guidewire Diameter D1(mm) \pm 0.05	Guidewire Total Length L1(cm) \pm 5%	Core Wire Diameter D2(mm) \pm 0.05	Curve Diameter D3(mm) \pm 1	Tip Length L2(mm) \pm 1	Curve angle ($^{\circ}$) \pm 5 $^{\circ}$	Flexible Tip Length (mm)	Tip Shape	Shaft Type
10A11812	0.018"	0.43	120	0.36	18	3	50	30	Angle	Standard
10A11815	0.018"	0.43	150	0.36	18	3	50	30	Angle	Standard
10A11818	0.018"	0.43	180	0.36	18	3	50	30	Angle	Standard
10A11822	0.018"	0.43	220	0.36	18	3	50	30	Angle	Standard
10A11826	0.018"	0.43	260	0.36	18	3	50	30	Angle	Standard
10A11830	0.018"	0.43	300	0.36	18	3	50	30	Angle	Standard
10A12504	0.025"	0.60	45	0.38	18	3	50	30	Angle	Standard
10A12508	0.025"	0.60	80	0.38	18	3	50	30	Angle	Standard
10A12512	0.025"	0.60	120	0.38	18	3	50	30	Angle	Standard
10A12515	0.025"	0.60	150	0.38	18	3	50	30	Angle	Standard
10A12518	0.025"	0.60	180	0.38	18	3	50	30	Angle	Standard
10A12522	0.025"	0.60	220	0.38	18	3	50	30	Angle	Standard
10A12526	0.025"	0.60	260	0.38	18	3	50	30	Angle	Standard
10A12530	0.025"	0.60	300	0.38	18	3	50	30	Angle	Standard
10A22515	0.025"	0.60	150	0.46	18	3	50	30	Angle	Stiff
10A22518	0.025"	0.60	180	0.46	18	3	50	30	Angle	Stiff
10A13212	0.032"	0.77	120	0.49	18	3	50	30	Angle	Standard
10A13215	0.032"	0.77	150	0.49	18	3	50	30	Angle	Standard
10A13218	0.032"	0.77	180	0.49	18	3	50	30	Angle	Standard

REF	Diameter Type	Guidewire Diameter D1(mm) \pm 0.05	Guidewire Total Length L1(cm) \pm 5%	Core Wire Diameter D2(mm) \pm 0.05	Curve Diameter D3(mm) \pm 1	Tip Length L2(mm) \pm 1	Curve angle ($^{\circ}$) \pm 5 $^{\circ}$	Flexible Tip Length (mm)	Tip Shape	Shaft Type
10A13222	0.032"	0.77	220	0.49	18	3	50	30	Angle	Standard
10A13226	0.032"	0.77	260	0.49	18	3	50	30	Angle	Standard
10A13230	0.032"	0.77	300	0.49	18	3	50	30	Angle	Standard
10A13240	0.032"	0.77	400	0.49	18	3	50	30	Angle	Standard
10A13245	0.032"	0.77	450	0.49	18	3	50	30	Angle	Standard
10A23215	0.032"	0.77	150	0.56	18	3	50	30	Angle	Stiff
10A23218	0.032"	0.77	180	0.56	18	3	50	30	Angle	Stiff
10A13504	0.035"	0.85	45	0.51	18	3	50	30	Angle	Standard
10A13508	0.035"	0.85	80	0.51	18	3	50	30	Angle	Standard
10A13512	0.035"	0.85	120	0.51	18	3	50	30	Angle	Standard
10A13515	0.035"	0.85	150	0.51	18	3	50	30	Angle	Standard
10A13518	0.035"	0.85	180	0.51	18	3	50	30	Angle	Standard
10A13522	0.035"	0.85	220	0.51	18	3	50	30	Angle	Standard
10A13526	0.035"	0.85	260	0.51	18	3	50	30	Angle	Standard
10A13530	0.035"	0.85	300	0.51	18	3	50	30	Angle	Standard
10A13540	0.035"	0.85	400	0.51	18	3	50	30	Angle	Standard
10A13545	0.035"	0.85	450	0.51	18	3	50	30	Angle	Standard
10A23515	0.035"	0.85	150	0.58	18	3	50	30	Angle	Stiff
10A23518	0.035"	0.85	180	0.58	18	3	50	30	Angle	Stiff
10A23522	0.035"	0.85	220	0.58	18	3	50	30	Angle	Stiff
10A23526	0.035"	0.85	260	0.58	18	3	50	30	Angle	Stiff

REF	Diameter Type	Guidewire Diameter D1(mm) \pm 0.05	Guidewire Total Length L1(cm) \pm 5%	Core Wire Diameter D2(mm) \pm 0.05	Curve Diameter D3(mm) \pm 1	Tip Length L2(mm) \pm 1	Curve angle ($^{\circ}$) \pm 5 $^{\circ}$	Flexible Tip Length (mm)	Tip Shape	Shaft Type
10A23540	0.035"	0.85	400	0.58	18	3	50	30	Angle	Stiff
10A23545	0.035"	0.85	450	0.58	18	3	50	30	Angle	Stiff
10A33515	0.035"	0.85	150	0.68	18	3	50	30	Angle	Extra stiff
10A33518	0.035"	0.85	180	0.68	18	3	50	30	Angle	Extra stiff
10A33522	0.035"	0.85	220	0.68	18	3	50	30	Angle	Extra stiff
10A33526	0.035"	0.85	260	0.68	18	3	50	30	Angle	Extra stiff
10A33530	0.035"	0.85	300	0.68	18	3	50	30	Angle	Extra stiff
10A33540	0.035"	0.85	400	0.68	18	3	50	30	Angle	Extra stiff
10A33545	0.035"	0.85	450	0.68	18	3	50	30	Angle	Extra stiff
10A13812	0.038"	0.93	120	0.51	18	3	50	30	Angle	Standard
10A13815	0.038"	0.93	150	0.51	18	3	50	30	Angle	Standard
10A13818	0.038"	0.93	180	0.51	18	3	50	30	Angle	Standard
10A13822	0.038"	0.93	220	0.51	18	3	50	30	Angle	Standard
10A13826	0.038"	0.93	260	0.51	18	3	50	30	Angle	Standard
10A13830	0.038"	0.93	300	0.51	18	3	50	30	Angle	Standard
10A23804	0.038"	0.93	45	0.58	18	3	50	30	Angle	Stiff
10A23808	0.038"	0.93	80	0.58	18	3	50	50	Angle	Stiff
10A23815	0.038"	0.93	150	0.58	18	3	50	30	Angle	Stiff
10A23818	0.038"	0.93	180	0.58	18	3	50	30	Angle	Stiff
10A23822	0.038"	0.93	220	0.58	18	3	50	30	Angle	Stiff
10A23826	0.038"	0.93	260	0.58	18	3	50	30	Angle	Stiff

REF	Diameter Type	Guidewire Diameter D1(mm)±0.05	Guidewire Total Length L1(cm)±5%	Core Wire Diameter D2(mm)±0.05	Curve Diameter D3(mm)±1	Tip Length L2(mm)±1	Curve angle (°)±5°	Flexible Tip Length (mm)	Tip Shape	Shaft Type
10A23840	0.038"	0.93	400	0.58	18	3	50	30	Angle	Stiff
10A23845	0.038"	0.93	450	0.58	18	3	50	30	Angle	Stiff
10A33815	0.038"	0.93	150	0.68	18	3	50	30	Angle	Extra stiff
10A33818	0.038"	0.93	180	0.68	18	3	50	30	Angle	Extra stiff
10A33826	0.038"	0.93	260	0.68	18	3	50	30	Angle	Extra stiff
10S11812	0.018"	0.43	120	0.36	—	—	—	30	Straight	Standard
10S11815	0.018"	0.43	150	0.36	—	—	—	30	Straight	Standard
10S11818	0.018"	0.43	180	0.36	—	—	—	30	Straight	Standard
10S11822	0.018"	0.43	220	0.36	—	—	—	30	Straight	Standard
10S11826	0.018"	0.43	260	0.36	—	—	—	30	Straight	Standard
10S11830	0.018"	0.43	300	0.36	—	—	—	30	Straight	Standard
10S12504	0.025"	0.60	45	0.38	—	—	—	30	Straight	Standard
10S12508	0.025"	0.60	80	0.38	—	—	—	30	Straight	Standard
10S12512	0.025"	0.60	120	0.38	—	—	—	30	Straight	Standard
10S12515	0.025"	0.60	150	0.38	—	—	—	30	Straight	Standard
10S12518	0.025"	0.60	180	0.38	—	—	—	30	Straight	Standard
10S12522	0.025"	0.60	220	0.38	—	—	—	30	Straight	Standard
10S12526	0.025"	0.60	260	0.38	—	—	—	30	Straight	Standard
10S12530	0.025"	0.60	300	0.38	—	—	—	30	Straight	Standard
10S13212	0.032"	0.77	120	0.49	—	—	—	30	Straight	Standard
10S13215	0.032"	0.77	150	0.49	—	—	—	30	Straight	Standard

REF	Diameter Type	Guidewire Diameter D1(mm) \pm 0.05	Guidewire Total Length L1(cm) \pm 5%	Core Wire Diameter D2(mm) \pm 0.05	Curve Diameter D3(mm) \pm 1	Tip Length L2(mm) \pm 1	Curve angle ($^{\circ}$) \pm 5 $^{\circ}$	Flexible Tip Length (mm)	Tip Shape	Shaft Type
10S13218	0.032"	0.77	180	0.49	—	—	—	30	Straight	Standard
10S13222	0.032"	0.77	220	0.49	—	—	—	30	Straight	Standard
10S13226	0.032"	0.77	260	0.49	—	—	—	30	Straight	Standard
10S13230	0.032"	0.77	300	0.49	—	—	—	30	Straight	Standard
10S13240	0.032"	0.77	400	0.49	—	—	—	30	Straight	Standard
10S13245	0.032"	0.77	450	0.49	—	—	—	30	Straight	Standard
10S13504	0.035"	0.85	45	0.51	—	—	—	30	Straight	Standard
10S13508	0.035"	0.85	80	0.51	—	—	—	30	Straight	Standard
10S13512	0.035"	0.85	120	0.51	—	—	—	30	Straight	Standard
10S13515	0.035"	0.85	150	0.51	—	—	—	30	Straight	Standard
10S13518	0.035"	0.85	180	0.51	—	—	—	30	Straight	Standard
10S13522	0.035"	0.85	220	0.51	—	—	—	30	Straight	Standard
10S13526	0.035"	0.85	260	0.51	—	—	—	30	Straight	Standard
10S13530	0.035"	0.85	300	0.51	—	—	—	30	Straight	Standard
10S13540	0.035"	0.85	400	0.51	—	—	—	30	Straight	Standard
10S13545	0.035"	0.85	450	0.51	—	—	—	30	Straight	Standard
10S23515	0.035"	0.85	150	0.58	—	—	—	30	Straight	Stiff
10S23518	0.035"	0.85	180	0.58	—	—	—	30	Straight	Stiff
10S23526	0.035"	0.85	260	0.58	—	—	—	30	Straight	Stiff
10S33515	0.035"	0.85	150	0.68	—	—	—	30	Straight	Extra stiff
10S33518	0.035"	0.85	180	0.68	—	—	—	30	Straight	Extra stiff

REF	Diameter Type	Guidewire Diameter D1(mm) \pm 0.05	Guidewire Total Length L1(cm) \pm 5%	Core Wire Diameter D2(mm) \pm 0.05	Curve Diameter D3(mm) \pm 1	Tip Length L2(mm) \pm 1	Curve angle ($^{\circ}$) \pm 5 $^{\circ}$	Flexible Tip Length (mm)	Tip Shape	Shaft Type
10S33526	0.035"	0.85	260	0.68	—	—	—	30	Straight	Extra stiff
10S13812	0.038"	0.93	120	0.51	—	—	—	30	Straight	Standard
10S13815	0.038"	0.93	150	0.51	—	—	—	30	Straight	Standard
10S13818	0.038"	0.93	180	0.51	—	—	—	30	Straight	Standard
10S13822	0.038"	0.93	220	0.51	—	—	—	30	Straight	Standard
10S13826	0.038"	0.93	260	0.51	—	—	—	30	Straight	Standard
10S13830	0.038"	0.93	300	0.51	—	—	—	30	Straight	Standard
10S23804	0.038"	0.93	45	0.58	—	—	—	30	Straight	Stiff
10S23808	0.038"	0.93	80	0.58	—	—	—	30	Straight	Stiff
10S23815	0.038"	0.93	150	0.58	—	—	—	30	Straight	Stiff
10S23818	0.038"	0.93	180	0.58	—	—	—	30	Straight	Stiff
10S23826	0.038"	0.93	260	0.58	—	—	—	30	Straight	Stiff
10S33815	0.038"	0.93	150	0.68	—	—	—	30	Straight	Extra stiff
10S33818	0.038"	0.93	180	0.68	—	—	—	30	Straight	Extra stiff
10S33826	0.038"	0.93	260	0.68	—	—	—	30	Straight	Extra stiff
10J1181215	0.018"	0.43	120	0.36	3	3	—	30	R1.5mmJ	Standard
10J1181515	0.018"	0.43	150	0.36	3	3	—	30	R1.5mmJ	Standard
10J1181815	0.018"	0.43	180	0.36	3	3	—	30	R1.5mmJ	Standard
10J1182615	0.018"	0.43	260	0.36	3	3	—	30	R1.5mmJ	Standard
10J1183015	0.018"	0.43	300	0.36	3	3	—	30	R1.5mmJ	Standard
10J1184015	0.018"	0.43	400	0.36	3	3	—	30	R1.5mmJ	Standard

REF	Diameter Type	Guidewire Diameter D1(mm) \pm 0.05	Guidewire Total Length L1(cm) \pm 5%	Core Wire Diameter D2(mm) \pm 0.05	Curve Diameter D3(mm) \pm 1	Tip Length L2(mm) \pm 1	Curve angle ($^{\circ}$) \pm 5 $^{\circ}$	Flexible Tip Length (mm)	Tip Shape	Shaft Type
10J1251215	0.025"	0.60	120	0.38	3	3	—	30	R1.5mmJ	Standard
10J1251515	0.025"	0.60	150	0.38	3	3	—	30	R1.5mmJ	Standard
10J1251815	0.025"	0.60	180	0.38	3	3	—	30	R1.5mmJ	Standard
10J1252615	0.025"	0.60	260	0.38	3	3	—	30	R1.5mmJ	Standard
10J1253015	0.025"	0.60	300	0.38	3	3	—	30	R1.5mmJ	Standard
10J1254015	0.025"	0.60	400	0.38	3	3	—	30	R1.5mmJ	Standard
10J1321215	0.032"	0.77	120	0.49	3	3	—	30	R1.5mmJ	Standard
10J1321515	0.032"	0.77	150	0.49	3	3	—	30	R1.5mmJ	Standard
10J1321815	0.032"	0.77	180	0.49	3	3	—	30	R1.5mmJ	Standard
10J1322615	0.032"	0.77	260	0.49	3	3	—	30	R1.5mmJ	Standard
10J1323015	0.032"	0.77	300	0.49	3	3	—	30	R1.5mmJ	Standard
10J1324015	0.032"	0.77	400	0.49	3	3	—	30	R1.5mmJ	Standard
10J1351215	0.035"	0.85	120	0.51	3	3	—	30	R1.5mmJ	Standard
10J1351515	0.035"	0.85	150	0.51	3	3	—	30	R1.5mmJ	Standard
10J1351815	0.035"	0.85	180	0.51	3	3	—	30	R1.5mmJ	Standard
10J1352615	0.035"	0.85	260	0.51	3	3	—	30	R1.5mmJ	Standard
10J1353015	0.035"	0.85	300	0.51	3	3	—	30	R1.5mmJ	Standard
10J1354015	0.035"	0.85	400	0.51	3	3	—	30	R1.5mmJ	Standard
10J1381215	0.038"	0.93	120	0.51	3	3	—	30	R1.5mmJ	Standard
10J1381515	0.038"	0.93	150	0.51	3	3	—	30	R1.5mmJ	Standard
10J1381815	0.038"	0.93	180	0.51	3	3	—	30	R1.5mmJ	Standard

REF	Diameter Type	Guidewire Diameter D1(mm) \pm 0.05	Guidewire Total Length L1(cm) \pm 5%	Core Wire Diameter D2(mm) \pm 0.05	Curve Diameter D3(mm) \pm 1	Tip Length L2(mm) \pm 1	Curve angle ($^{\circ}$) \pm 5 $^{\circ}$	Flexible Tip Length (mm)	Tip Shape	Shaft Type
10J1382615	0.038"	0.93	260	0.51	3	3	—	30	R1.5mmJ	Standard
10J1383015	0.038"	0.93	300	0.51	3	3	—	30	R1.5mmJ	Standard
10J1384015	0.038"	0.93	400	0.51	3	3	—	30	R1.5mmJ	Standard
10J1181220	0.018"	0.43	120	0.36	4	4	—	30	R2mmJ	Standard
10J1181520	0.018"	0.43	150	0.36	4	4	—	30	R2mmJ	Standard
10J1181820	0.018"	0.43	180	0.36	4	4	—	30	R2mmJ	Standard
10J1182620	0.018"	0.43	260	0.36	4	4	—	30	R2mmJ	Standard
10J1183020	0.018"	0.43	300	0.36	4	4	—	30	R2mmJ	Standard
10J1184020	0.018"	0.43	400	0.36	4	4	—	30	R2mmJ	Standard
10J1251220	0.025"	0.60	120	0.38	4	4	—	30	R2mmJ	Standard
10J1251520	0.025"	0.60	150	0.38	4	4	—	30	R2mmJ	Standard
10J1251820	0.025"	0.60	180	0.38	4	4	—	30	R2mmJ	Standard
10J1252620	0.025"	0.60	260	0.38	4	4	—	30	R2mmJ	Standard
10J1253020	0.025"	0.60	300	0.38	4	4	—	30	R2mmJ	Standard
10J1254020	0.025"	0.60	400	0.38	4	4	—	30	R2mmJ	Standard
10J1321220	0.032"	0.77	120	0.49	4	4	—	30	R2mmJ	Standard
10J1321520	0.032"	0.77	150	0.49	4	4	—	30	R2mmJ	Standard
10J1321820	0.032"	0.77	180	0.49	4	4	—	30	R2mmJ	Standard
10J1322620	0.032"	0.77	260	0.49	4	4	—	30	R2mmJ	Standard
10J1323020	0.032"	0.77	300	0.49	4	4	—	30	R2mmJ	Standard
10J1324020	0.032"	0.77	400	0.49	4	4	—	30	R2mmJ	Standard

REF	Diameter Type	Guidewire Diameter D1(mm)±0.05	Guidewire Total Length L1(cm)±5%	Core Wire Diameter D2(mm)±0.05	Curve Diameter D3(mm)±1	Tip Length L2(mm)±1	Curve angle (°)±5°	Flexible Tip Length (mm)	Tip Shape	Shaft Type
10J1351220	0.035"	0.85	120	0.51	4	4	—	30	R2mmJ	Standard
10J1351520	0.035"	0.85	150	0.51	4	4	—	30	R2mmJ	Standard
10J1351820	0.035"	0.85	180	0.51	4	4	—	30	R2mmJ	Standard
10J1352620	0.035"	0.85	260	0.51	4	4	—	30	R2mmJ	Standard
10J1353020	0.035"	0.85	300	0.51	4	4	—	30	R2mmJ	Standard
10J1354020	0.035"	0.85	400	0.51	4	4	—	30	R2mmJ	Standard
10J3351520	0.035"	0.85	150	0.68	4	4	—	30	R2mmJ	Extra stiff
10J3351820	0.035"	0.85	180	0.68	4	4	—	30	R2mmJ	Extra stiff
10J3352620	0.035"	0.85	260	0.68	4	4	—	30	R2mmJ	Extra stiff
10J3353020	0.035"	0.85	300	0.68	4	4	—	30	R2mmJ	Extra stiff
10J1381220	0.038"	0.93	120	0.51	4	4	—	30	R2mmJ	Standard
10J1381520	0.038"	0.93	150	0.51	4	4	—	30	R2mmJ	Standard
10J1381820	0.038"	0.93	180	0.51	4	4	—	30	R2mmJ	Standard
10J1382620	0.038"	0.93	260	0.51	4	4	—	30	R2mmJ	Standard
10J1383020	0.038"	0.93	300	0.51	4	4	—	30	R2mmJ	Standard
10J1384020	0.038"	0.93	400	0.51	4	4	—	30	R2mmJ	Standard
10J1181230	0.018"	0.43	120	0.36	6	6	—	30	R3mmJ	Standard
10J1181530	0.018"	0.43	150	0.36	6	6	—	30	R3mmJ	Standard
10J1181830	0.018"	0.43	180	0.36	6	6	—	30	R3mmJ	Standard
10J1182630	0.018"	0.43	260	0.36	6	6	—	30	R3mmJ	Standard
10J1183030	0.018"	0.43	300	0.36	6	6	—	30	R3mmJ	Standard

REF	Diameter Type	Guidewire Diameter D1(mm)±0.05	Guidewire Total Length L1(cm)±5%	Core Wire Diameter D2(mm)±0.05	Curve Diameter D3(mm)±1	Tip Length L2(mm)±1	Curve angle (°)±5°	Flexible Tip Length (mm)	Tip Shape	Shaft Type
10J1184030	0.018"	0.43	400	0.36	6	6	—	30	R3mmJ	Standard
10J1250430	0.025"	0.60	45	0.38	6	6	—	30	R3mmJ	Standard
10J1250830	0.025"	0.60	80	0.38	6	6	—	30	R3mmJ	Standard
10J1251230	0.025"	0.60	120	0.38	6	6	—	30	R3mmJ	Standard
10J1251530	0.025"	0.60	150	0.38	6	6	—	30	R3mmJ	Standard
10J1251830	0.025"	0.60	180	0.38	6	6	—	30	R3mmJ	Standard
10J1252630	0.025"	0.60	260	0.38	6	6	—	30	R3mmJ	Standard
10J1253030	0.025"	0.60	300	0.38	6	6	—	30	R3mmJ	Standard
10J1254030	0.025"	0.60	400	0.38	6	6	—	30	R3mmJ	Standard
10J1321230	0.032"	0.77	120	0.49	6	6	—	30	R3mmJ	Standard
10J1321530	0.032"	0.77	150	0.49	6	6	—	30	R3mmJ	Standard
10J1321830	0.032"	0.77	180	0.49	6	6	—	30	R3mmJ	Standard
10J1322630	0.032"	0.77	260	0.49	6	6	—	30	R3mmJ	Standard
10J1323030	0.032"	0.77	300	0.49	6	6	—	30	R3mmJ	Standard
10J1324030	0.032"	0.77	400	0.49	6	6	—	30	R3mmJ	Standard
10J3321530	0.032"	0.77	150	0.68	6	6	—	30	R3mmJ	Extra stiff
10J3321830	0.032"	0.77	180	0.68	6	6	—	30	R3mmJ	Extra stiff
10J3322630	0.032"	0.77	260	0.68	6	6	—	30	R3mmJ	Extra stiff
10J3323030	0.032"	0.77	300	0.68	6	6	—	30	R3mmJ	Extra stiff
10J1350430	0.035"	0.85	45	0.51	6	6	—	30	R3mmJ	Standard
10J1350830	0.035"	0.85	80	0.51	6	6	—	30	R3mmJ	Standard

REF	Diameter Type	Guidewire Diameter D1(mm) \pm 0.05	Guidewire Total Length L1(cm) \pm 5%	Core Wire Diameter D2(mm) \pm 0.05	Curve Diameter D3(mm) \pm 1	Tip Length L2(mm) \pm 1	Curve angle ($^{\circ}$) \pm 5 $^{\circ}$	Flexible Tip Length (mm)	Tip Shape	Shaft Type
10J1351230	0.035"	0.85	120	0.51	6	6	—	30	R3mmJ	Standard
10J1351530	0.035"	0.85	150	0.51	6	6	—	30	R3mmJ	Standard
10J1351830	0.035"	0.85	180	0.51	6	6	—	30	R3mmJ	Standard
10J1352630	0.035"	0.85	260	0.51	6	6	—	30	R3mmJ	Standard
10J1353030	0.035"	0.85	300	0.51	6	6	—	30	R3mmJ	Standard
10J1354030	0.035"	0.85	400	0.51	6	6	—	30	R3mmJ	Standard
10J3351530	0.035"	0.85	150	0.68	6	6	—	30	R3mmJ	Extra stiff
10J3351830	0.035"	0.85	180	0.68	6	6	—	30	R3mmJ	Extra stiff
10J3352630	0.035"	0.85	260	0.68	6	6	—	30	R3mmJ	Extra stiff
10J1381230	0.038"	0.93	120	0.51	6	6	—	30	R3mmJ	Standard
10J1381530	0.038"	0.93	150	0.51	6	6	—	30	R3mmJ	Standard
10J1381830	0.038"	0.93	180	0.51	6	6	—	30	R3mmJ	Standard
10J1382630	0.038"	0.93	260	0.51	6	6	—	30	R3mmJ	Standard
10J1383030	0.038"	0.93	300	0.51	6	6	—	30	R3mmJ	Standard
10J1384030	0.038"	0.93	400	0.51	6	6	—	30	R3mmJ	Standard
10J2380430	0.038"	0.93	45	0.58	6	6	—	30	R3mmJ	Stiff
10J2380830	0.038"	0.93	80	0.58	6	6	—	30	R3mmJ	Stiff
10J3381530	0.038"	0.93	150	0.68	6	6	—	30	R3mmJ	Extra stiff
10J3381830	0.038"	0.93	180	0.68	6	6	—	30	R3mmJ	Extra stiff
10J3382630	0.038"	0.93	260	0.68	6	6	—	30	R3mmJ	Extra stiff
10J12515	0.025"	0.60	150	0.38	8	8	—	30	R4mmJ	Standard

REF	Diameter Type	Guidewire Diameter D1(mm)±0.05	Guidewire Total Length L1(cm)±5%	Core Wire Diameter D2(mm)±0.05	Curve Diameter D3(mm)±1	Tip Length L2(mm)±1	Curve angle (°)±5°	Flexible Tip Length (mm)	Tip Shape	Shaft Type
10J12518	0.025"	0.60	180	0.38	8	8	—	30	R4mmJ	Standard
10J12526	0.025"	0.60	260	0.38	8	8	—	30	R4mmJ	Standard
10J13215	0.032"	0.77	150	0.49	8	8	—	30	R4mmJ	Standard
10J13218	0.032"	0.77	180	0.49	8	8	—	30	R4mmJ	Standard
10J13226	0.032"	0.77	260	0.49	8	8	—	30	R4mmJ	Standard
10J13515	0.035"	0.85	150	0.51	8	8	—	30	R4mmJ	Standard
10J13518	0.035"	0.85	180	0.51	8	8	—	30	R4mmJ	Standard
10J13526	0.035"	0.85	260	0.51	8	8	—	30	R4mmJ	Standard
10J23515	0.035"	0.85	150	0.58	8	8	—	30	R4mmJ	Stiff
10J23518	0.035"	0.85	180	0.58	8	8	—	30	R4mmJ	Stiff
10J23526	0.035"	0.85	260	0.58	8	8	—	30	R4mmJ	Stiff
10J33515	0.035"	0.85	150	0.68	8	8	—	30	R4mmJ	Extra stiff
10J33518	0.035"	0.85	180	0.68	8	8	—	30	R4mmJ	Extra stiff
10J33526	0.035"	0.85	260	0.68	8	8	—	30	R4mmJ	Extra stiff
10J33530	0.035"	0.85	300	0.68	8	8	—	30	R4mmJ	Extra stiff
10J13815	0.038"	0.93	150	0.51	8	8	—	30	R4mmJ	Standard
10J13818	0.038"	0.93	180	0.51	8	8	—	30	R4mmJ	Standard
10J13826	0.038"	0.93	260	0.51	8	8	—	30	R4mmJ	Standard
10J23815	0.038"	0.93	150	0.58	8	8	—	30	R4mmJ	Stiff
10J23818	0.038"	0.93	180	0.58	8	8	—	30	R4mmJ	Stiff
10J23826	0.038"	0.93	260	0.58	8	8	—	30	R4mmJ	Stiff

REF	Diameter Type	Guidewire Diameter D1(mm)±0.05	Guidewire Total Length L1(cm)±5%	Core Wire Diameter D2(mm)±0.05	Curve Diameter D3(mm)±1	Tip Length L2(mm)±1	Curve angle (°)±5°	Flexible Tip Length (mm)	Tip Shape	Shaft Type
10J33815	0.038"	0.93	150	0.68	8	8	—	30	R4mmJ	Extra stiff
10J33818	0.038"	0.93	180	0.68	8	8	—	30	R4mmJ	Extra stiff
10J33826	0.038"	0.93	260	0.68	8	8	—	30	R4mmJ	Extra stiff
10J33830	0.038"	0.93	300	0.68	8	8	—	30	R4mmJ	Extra stiff
10J1351560	0.035"	0.85	150	0.51	12	12	—	30	R6mmJ	Standard
10J1351860	0.035"	0.85	180	0.51	12	12	—	30	R6mmJ	Standard
10J2381560	0.038"	0.93	150	0.58	12	12	—	30	R6mmJ	Stiff
10J2381860	0.038"	0.93	180	0.58	12	12	—	30	R6mmJ	Stiff
10J3381560	0.038"	0.93	150	0.68	12	12	—	30	R6mmJ	Extra stiff
10J3381860	0.038"	0.93	180	0.68	12	12	—	30	R6mmJ	Extra stiff
10B1351550	0.035"	0.85	150	0.51	—	—	—	50	B Angle	Standard
10B1351850	0.035"	0.85	150	0.51	—	—	—	80	B Angle	Standard
10B1352650	0.035"	0.85	180	0.51	—	—	—	50	B Angle	Standard
10B1351580	0.035"	0.85	180	0.51	—	—	—	80	B Angle	Standard
10B1351880	0.035"	0.85	260	0.51	—	—	—	50	B Angle	Standard
10B1352680	0.035"	0.85	260	0.51	—	—	—	80	B Angle	Standard
10C13515	0.035"	0.85	150	0.51	—	—	—	15	C Angle	Standard
10C13518	0.035"	0.85	180	0.51	—	—	—	15	C Angle	Standard
10C13526	0.035"	0.85	260	0.51	—	—	—	15	C Angle	Standard