

014

Ordering Information (EMEA catalogue #s)



Balloon Diameter (mm)	Catheter Working Length – 90 cm								Sheath Compatibility
	20	40	60	80	100	120	150	180	240
1.5	-	581504015	-	581508015	-	581512015	-	581518015	581524015
2.0	-	582004015	582006015	582008015	582010015	582012015	-	582018015	582024015
2.5	-	582504015	582506015	582508015	582510015	582512015	-	582518015	582524015
3.0	-	583004015	583006015	583008015	583010015	583012015	-	583018015	583024015
3.5	-	583504015	583506015	583508015	583510015	583512015	-	583518015	583524015
4.0	-	584004015	584006015	584008015	584010015	584012015	-	584018015	584024015
5.0	-	-	-	-	-	-	-	585018015	585024015
6.0	-	-	-	-	-	-	-	-	-
Balloon Diameter (mm)	Catheter Working Length – 150 cm								Sheath Compatibility
	20	40	60	80	100	120	150	180	240
1.5	581502025	581504025	-	581508025	-	581512025	-	581518025	581524025
2.0	582002025	582004025	582006025	582008025	582010025	582012025	582015025	582018025	582024025
2.5	582502025	582504025	582506025	582508025	582510025	582512025	582515025	582518025	582524025
3.0	583002025	583004025	583006025	583008025	583010025	583012025	583015025	583018025	583024025
3.5	583502025	583504025	583506025	583508025	583510025	583512025	583515025	583518025	583524025
4.0	584002025	584004025	584006025	584008025	584010025	584012025	584015025	584018025	584024025
5.0	585002025	585004025	585006025	585008025	585010025	585012025	585015025	585018025	585024025
6.0	586002025	586004025	586006025	586008025	586010025	586012025	586015025	586018025	586024025
Balloon Diameter (mm)	Catheter Working Length – 200 cm								Sheath Compatibility
	20	40	60	80	100	120	150	180	240
1.5	581502035	581504035	-	581508035	-	581512035	-	-	581524035
2.0	582002035	582004035	582006035	582008035	582010035	582012035	582015035	-	582024035
2.5	582502035	582504035	582506035	582508035	582510035	582512035	582515035	-	582524035
3.0	583002035	583004035	583006035	583008035	583010035	583012035	583015035	-	583024035
3.5	583502035	583504035	583506035	583508035	583510035	583512035	583515035	-	583524035
4.0	584002035	584004035	584006035	584008035	584010035	584012035	584015035	-	584024035
5.0	585002035	585004035	585006035	585008035	585010035	585012035	585015035	-	585024035
6.0	-	-	-	-	-	-	-	-	-

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Balloon Diameter (mm)	Catheter Working Length – 90 cm								Sheath Compatibility
	20	40	60	80	100	120	150	180	240
1.5	591502015	591504015	-	591508015	-	591512015	-	591518015	591524015
2.0	592002015	592004015	-	592008015	592010015	592012015	-	592018015	592024015
2.5	592502015	592504015	-	592508015	592510015	592512015	-	592518015	592524015
3.0	593002015	593004015	-	593008015	593010015	593012015	-	593018015	593024015
3.5	593502015	593504015	-	593508015	593510015	593512015	-	593518015	593524015
4.0	594002015	594004015	-	594008015	594010015	594012015	-	594018015	594024015
4.5	594502015	594504015	-	594508015	-	594512015	-	-	-
5.0	595002015	595004015	-	595008015	595010015	595012015	-	595018015	595024015
5.5	595502015	595504015	-	595508015	-	595512015	-	-	-
6.0	596002015	596004015	-	596008015	596010015	596012015	-	596018015	596024015
7.0	597002015	597004015	-	597008015	597010015	-	-	-	-

Balloon Diameter (mm)	Catheter Working Length – 150 cm								Sheath Compatibility
	20	40	60	80	100	120	150	180	240
1.5	591502025	591504025	-	591508025	-	591512025	-	591518025	591524025
2.0	592002025	592004025	592006025	592008025	592010025	592012025	592015025	592018025	592024025
2.5	592502025	592504025	592506025	592508025	592510025	592512025	592515025	592518025	592524025
3.0	593002025	593004025	593006025	593008025	593010025	593012025	593015025	593018025	593024025
3.5	593502025	593504025	593506025	593508025	593510025	593512025	593515025	593518025	593524025
4.0	594002025	594004025	594006025	594008025	594010025	594012025	594015025	594018025	594024025
4.5	594502025	594504025	-	594508025	-	594512025	-	-	-
5.0	595002025	595004025	595006025	595008025	595010025	595012025	595015025	595018025	595024025
5.5	595502025	595504025	-	595508025	-	595512025	-	-	-
6.0	596002025	596004025	596006025	596008025	596010025	596012025	596015025	596018025	596024025
7.0	597002025	597004025	597006025	597008025	597010025	-	597015025	-	-

Balloon Diameter (mm)	Catheter Working Length – 200 cm								Sheath Compatibility
	20	40	60	80	100	120	150	180	240
1.5	591502035	591504035	-	591508035	-	591512035	-	591518035	591524035
2.0	592002035	592004035	592006035	592008035	592010035	592012035	592015035	592018035	592024035
2.5	592502035	592504035	592506035	592508035	592510035	592512035	592515035	592518035	592524035
3.0	593002035	593004035	593006035	593008035	593010035	593012035	593015035	593018035	593024035
3.5	593502035	593504035	593506035	593508035	593510035	593512035	593515035	593518035	593524035
4.0	594002035	594004035	594006035	594008035	594010035	594012035	594015035	594018035	594024035
4.5	594502035	594504035	-	594508035	-	594512035	-	-	-
5.0	595002035	595004035	595006035	595008035	595010035	595012035	595015035	595018035	595024035
5.5	595502035	595504035	-	595508035	-	595512035	-	-	-
6.0	-	596004035	596006035	596008035	596010035	596012035	596015035	596018035	596024035
7.0	597002035	597004035	597006035	597008035	597010035	-	597015035	-	-

035

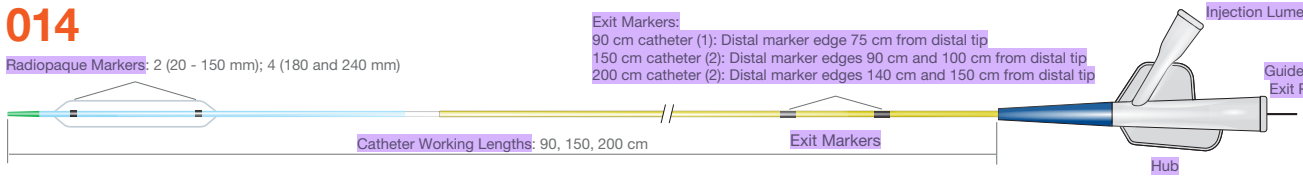
Ordering Information (EMEA catalogue #s)



Balloon Diameter (mm)	Catheter Working Length – 75 cm								Sheath Compatibility
	20	40	60	80	100	150	180	240	
5.0	-	605004015	605006015	605008015	605010015	-	-	-	6F
6.0	-	606004015	606006015	606008015	606010015	-	-	-	
7.0	-	607004015	607006015	607008015	607010015	-	-	-	7F
Balloon Diameter (mm)	Catheter Working Length – 135 cm								Sheath Compatibility
	20	40	60	80	100	150	180	240	
3.0	603002025	603004025	603006025	603008025	-	603015025	603018025	-	5F
4.0	604002025	604004025	604006025	604008025	604010025	604015025	604018025	604024025	
5.0	605002025	605004025	605006025	605008025	605010025	605015025	605018025	605024025	6F
6.0	606002025	606004025	606006025	606008025	606010025	606015025	606018025	606024025	
7.0	607002025	607004025	607006025	607008025	607010025	607015025	607018025	-	7F
Balloon Diameter (mm)	Catheter Working Length – 200 cm								Sheath Compatibility
	20	40	60	80	100	150	180	240	
3.0	-	603004035	-	603008035	-	603015035	-	-	5F
4.0	-	604004035	-	604008035	-	604015035	-	604024035	
5.0	-	605004035	-	605008035	-	605015035	-	605024035	6F
6.0	-	606004035	-	606008035	-	606015035	-	606024035	
7.0	-	607004035	-	607008035	-	607015035	-	-	7F

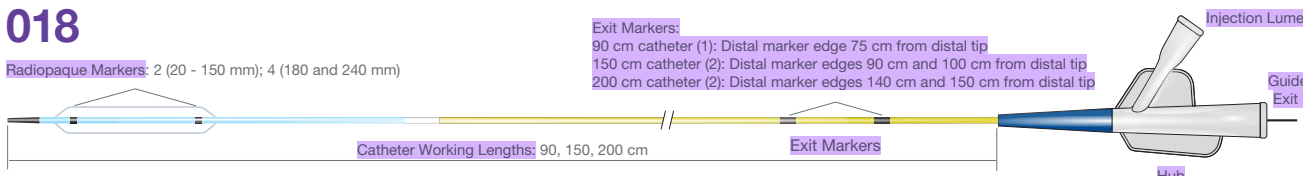
014

Radiopaque Markers: 2 (20 - 150 mm); 4 (180 and 240 mm)



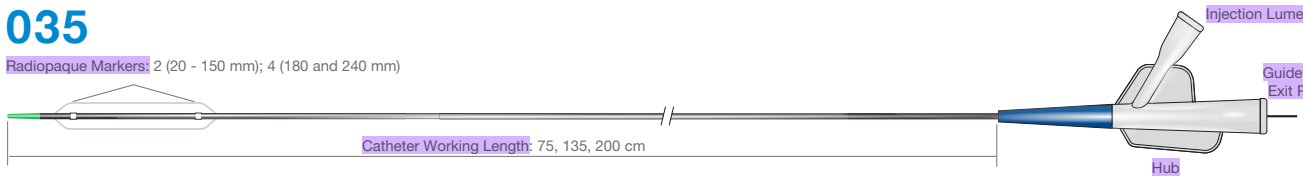
018

Radiopaque Markers: 2 (20 - 150 mm); 4 (180 and 240 mm)

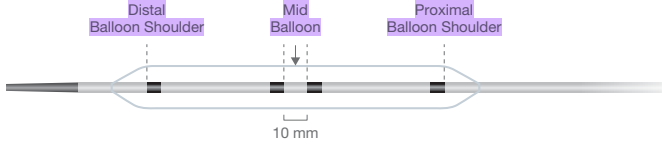


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Radiopaque Markers: 2 (20 - 150 mm); 4 (180 and 240 mm)



4 marker band positioning



For more information please visit our website at <https://orbusneich.com> or contact us:

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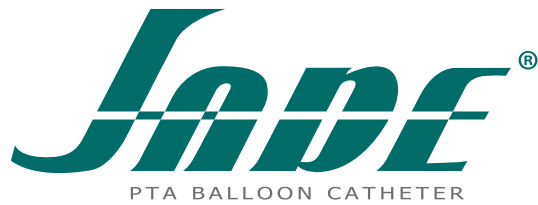
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Strength and non-compliant precision
without compromising deliverability

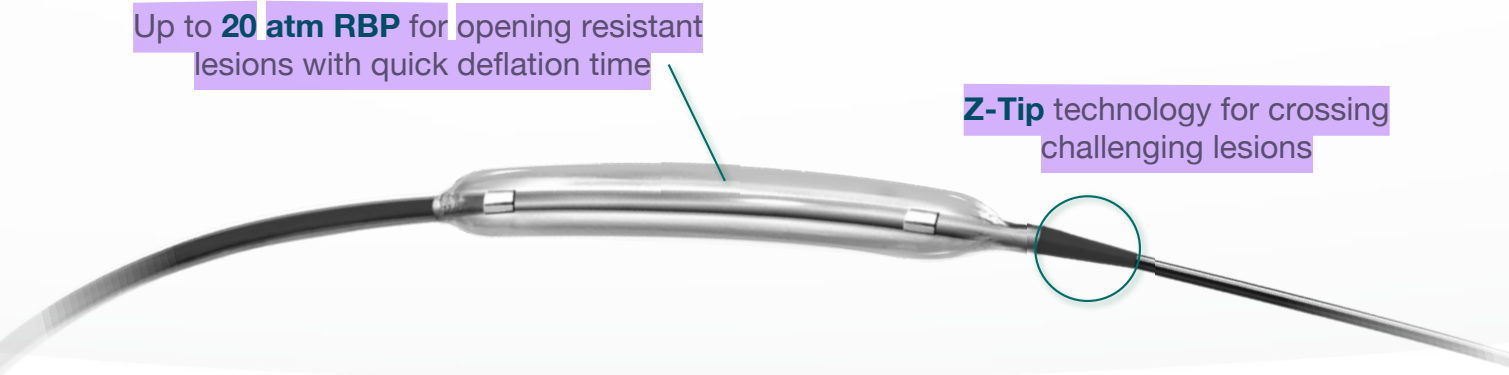




The **JADE PTA** balloon catheter series is an over-the-wire platform built on strength and non-compliant precision without compromising deliverability during peripheral interventions.

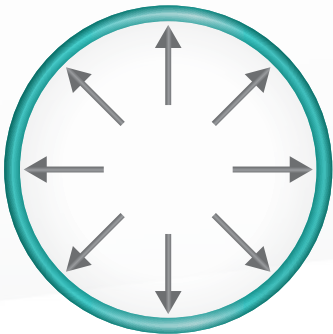
JADE PTA balloon series offers a **Diverse Balloon Portfolio**

JADE is the only non-compliant balloon platform available in all three guidewire compatible systems



Non-Compliant Balloon for **Safety and Accuracy**

Consistent uniform pressure distribution (minimizing dog-boning effect) during balloon dilatation in all plaque morphologies



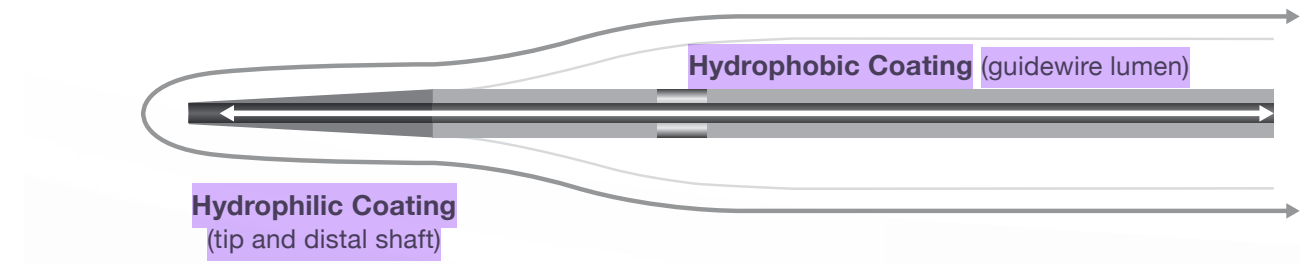
Compliance Chart

Pressure (atm)	Balloon Diameter (mm)										
	1.5 ¹	2.0 ¹	2.5 ¹	3.0	3.5 ¹	4.0	4.5 ²	5.0	5.5 ²	6.0	7.0 ³
2	1.41	1.88	2.37	2.82	3.27	3.70	4.22	4.67	5.09	5.60	6.64
4	1.43	1.90	2.40	2.86	3.32	3.76	4.27	4.74	5.17	5.68	6.73
6	1.45	1.93	2.42	2.89	3.36	3.82	4.33	4.80	5.26	5.76	6.82
8	1.47	1.95	2.45	2.93	3.41	3.88	4.39	4.87	5.34	5.84	6.91
10 NOM*	1.48	1.98	2.47	2.96	3.45	3.94	4.44	4.93	5.42	5.92	7.00
12 NOM*	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	7.09
14	1.52	2.02	2.53	3.04	3.55	4.06	4.56	5.07	5.58	6.08	7.18
16 RBP**	1.53	2.05	2.55	3.07	3.59	4.12	4.61	5.13	5.66	6.16	7.27
18 RBP**	1.55	2.07	2.58	3.11	3.64	4.18	4.67	5.20	5.74	6.24	7.36
20 RBP**	1.57	2.10	2.60	3.14	3.68	4.24	4.73	5.26	5.83	6.32	7.45
22	1.59	2.12	2.63	3.18	3.73	4.30	4.78	5.33	5.91	6.40	-
24	1.60	2.14	2.65	3.22	3.78	4.36	4.84	5.40	-	-	-
26	1.62	2.17	2.68	3.25	3.82	4.42	-	-	-	-	-

¹ 1.5, 2.0, 2.5 and 3.5 mm available only for 014 and 018 platforms ² Available only for 018 system ³ 7.0 mm configurations available only for 018 and 035 platforms
* Nominal Pressure. The nominal in-vitro device specifications do not take into account any lesion resistance. ** Rated Burst Pressure. Do not exceed RBP.

Designed for **Excellent Deliverability**

Z-Tip technology offers exceptional entry and competitive crossing profile while proprietary dual balloon coating provides enhanced trackability



Technical Specifications

	014	018	035
Catheter Type	Over the wire	Over the wire	Over the wire
Minimum Sheath Size (Ø in mm)	4 Fr (Ø 1.5 - 3.5); 5 Fr (Ø 4.0 - 5.0); 6 Fr (Ø 6.0)	4 Fr (Ø 1.5 - 3.0); 5 Fr (Ø 3.5 - 5.0); 6 Fr (Ø 5.5 - 7.0)	5 Fr (Ø 3.0 - 4.0); 6 Fr (Ø 5.0 - 6.0); 7 Fr (Ø 7.0)
Guidewire Compatibility	0.014"	0.018"	0.035"
Catheter Working Length (cm)	90, 150, 200	90, 150, 200	75, 135, 200
Balloon Material (Ø in mm)	Nylon (Ø 1.5 - 3.5); Nylon / Pebax (Ø 4.0 - 6.0)	Nylon (Ø 1.5 - 3.5); Nylon / Pebax (Ø 4.0 - 7.0)	Nylon (Ø 3.0); Nylon / Pebax (Ø 4.0 - 7.0)
Balloon Compliance	Non-Compliant	Non-Compliant	Non-Compliant
Marker Bands	2 (20 - 150 mm); 4 (180 & 240 mm)	2 (20 - 150 mm); 4 (180 & 240 mm)	2 (20 - 150 mm); 4 (180 & 240 mm)
Coating	Hydrophilic (tip & distal shaft), Hydrophobic (guidewire lumen)	Hydrophilic (tip & distal shaft), Hydrophobic (guidewire lumen)	Hydrophilic (tip & distal shaft), Hydrophobic (guidewire lumen)
Nominal Pressure (Ø in mm)	12 atm (Ø 1.5 - 6.0)	12 atm (Ø 1.5 - 6.0), 10 atm (Ø 7.0)	12 atm (Ø 3.0 - 6.0), 10 atm (Ø 7.0)
Rated Burst Pressure (Ø in mm)	20 atm (Ø 1.5 - 4.0), 18 atm (Ø 5.0 - 6.0)	20 atm (Ø 1.5 - 4.0), 18 atm (Ø 5.0 - 6.0), 16 atm (Ø 7.0)	20 atm (Ø 3.0 - 4.0), 18 atm (Ø 5.0 - 6.0), 16 atm (Ø 7.0)