

THALIS Flex 6F Balloon Expandable Stent

TECHNICAL SPECIFICATIONS

Description	Expandable Stent System Semi-Compliant OTW
Material	Cobalt Chromium alloy
Lengths	17 26 36 57 mm
Recommended Guidewire	0.035" (0.89 mm)
Recommended Introducer Sheath	6 F
Nominal Pressure	9 bar
Rated Burst Pressure (RBP)	Ø 5 to 7 = 18 bar Ø 8 = 16 bar Ø 9 to 10 = 13 bar
Working Catheter Length	80 cm 120 cm 150 cm
X-ray Marker	2 markers (90% Platinum / 10% Iridium) at each balloon end, proximal and distal
Low Entry Profile	0.95 ± 0.025 mm (0.037")
Balloon Material	Nylon 12
Hydrophilic Coating	400 mm distal

ORDER INFORMATION

Usable catheter length 80 cm

Diameter (mm)	Stent Length (mm) Balloon Length (mm)			
	17 20	26 30	36 40	57 60
5	50 TFX 17-08 6F	50 TFX 26-08 6F	50 TFX 36-08 6F	50 TFX 57-08 6F
6	60 TFX 17-08 6F	60 TFX 26-08 6F	60 TFX 36-08 6F	60 TFX 57-08 6F
7	70 TFX 17-08 6F	70 TFX 26-08 6F	70 TFX 36-08 6F	70 TFX 57-08 6F
8	80 TFX 17-08 6F	80 TFX 26-08 6F	80 TFX 36-08 6F	80 TFX 57-08 6F
9	90 TFX 17-08 6F	90 TFX 26-08 6F	90 TFX 36-08 6F	90 TFX 57-08 6F
10	100 TFX 17-08 6F	100 TFX 26-08 6F	100 TFX 36-08 6F	100 TFX 57-08 6F

Usable catheter length 120 cm

Diameter (mm)	Stent Length (mm) Balloon Length (mm)			
	17 20	26 30	36 40	57 60
5	50 TFX 17-12 6F	50 TFX 26-12 6F	50 TFX 36-12 6F	50 TFX 57-12 6F
6	60 TFX 17-12 6F	60 TFX 26-12 6F	60 TFX 36-12 6F	60 TFX 57-12 6F
7	70 TFX 17-12 6F	70 TFX 26-12 6F	70 TFX 36-12 6F	70 TFX 57-12 6F
8	80 TFX 17-12 6F	80 TFX 26-12 6F	80 TFX 36-12 6F	80 TFX 57-12 6F
9	90 TFX 17-12 6F	90 TFX 26-12 6F	90 TFX 36-12 6F	90 TFX 57-12 6F
10	100 TFX 17-12 6F	100 TFX 26-12 6F	100 TFX 36-12 6F	100 TFX 57-12 6F

Usable catheter length 150 cm

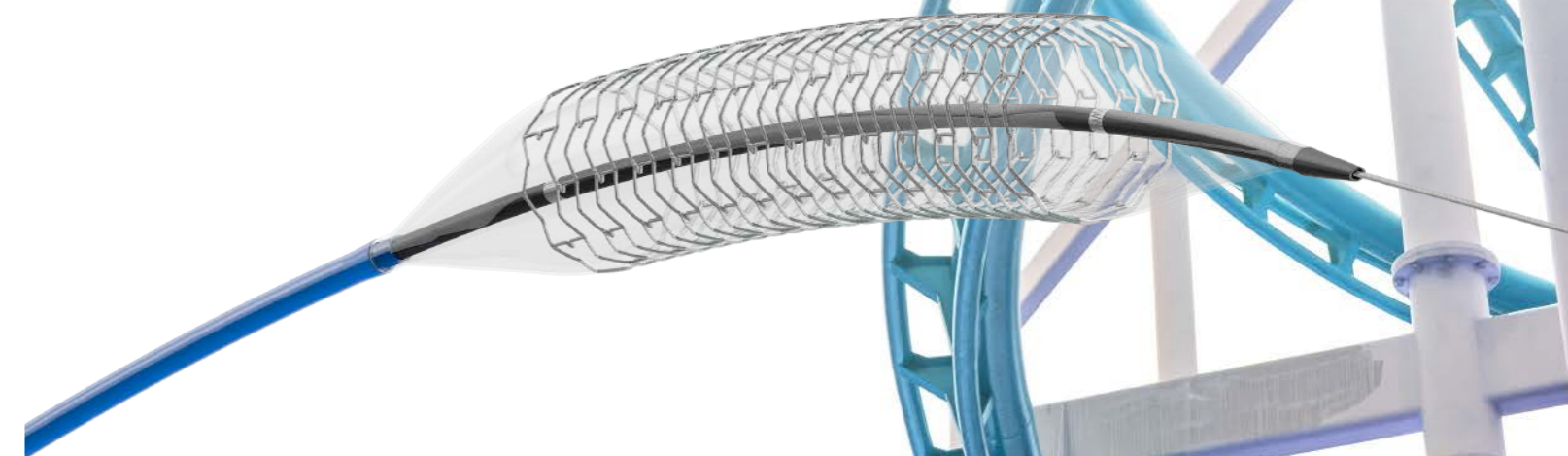
Diameter (mm)	Stent Length (mm) Balloon Length (mm)			
	17 20	26 30	36 40	57 60
5	50 TFX 17-15 6F	50 TFX 26-15 6F	50 TFX 36-15 6F	50 TFX 57-15 6F
6	60 TFX 17-15 6F	60 TFX 26-15 6F	60 TFX 36-15 6F	60 TFX 57-15 6F
7	70 TFX 17-15 6F	70 TFX 26-15 6F	70 TFX 36-15 6F	70 TFX 57-15 6F
8	80 TFX 17-15 6F	80 TFX 26-15 6F	80 TFX 36-15 6F	80 TFX 57-15 6F
9	90 TFX 17-15 6F	90 TFX 26-15 6F	90 TFX 36-15 6F	90 TFX 57-15 6F
10	100 TFX 17-15 6F	100 TFX 26-15 6F	100 TFX 36-15 6F	100 TFX 57-15 6F

Maximum Balloon Profile 1.70 mm



»amg« International
The Stent Company

THALIS Flex 6F Balloon Expandable Stent



A flexible 6 F balloon expandable stent for easy deployment and precise placement

»amg« International
The Stent Company

amg International GmbH
Boschstraße 16
D-21423 Winsen
Germany

Phone +49 4171 6905 57-0
Fax +49 4171 6905 57-11
Email info@thestentcompany.com
Web www.thestentcompany.com

Status
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PS THALISFlex 6F_00
Made in Germany

THALIS^{FLEX 6F} Balloon Expandable Stent

6F

The **THALIS^{FLEX 6F}** Balloon Expandable Stent is a flexible, cobalt chromium stent mounted on an over-the-wire PTA balloon catheter.

It is designed for use in peripheral vessel diameters from 5.0 mm to 10.0 mm.

The THALIS^{FLEX 6F} is mounted on an 0.035" delivery system and is available in a full range of diameters and lengths with a shelf life of 2 years.

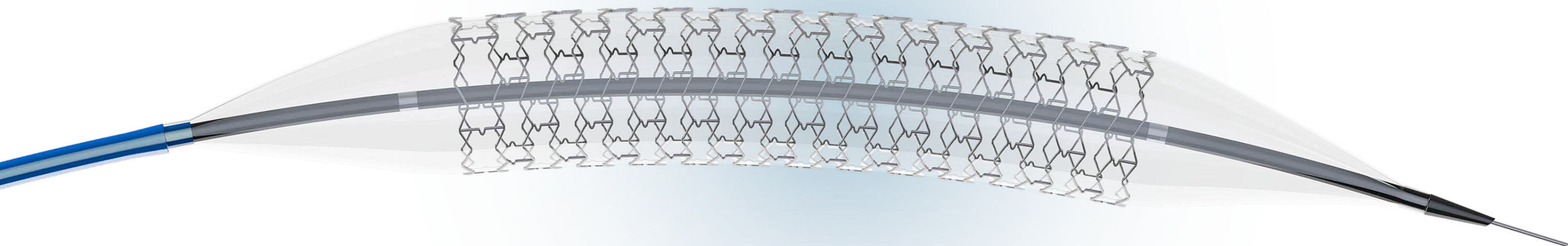
The THALIS^{FLEX 6F} Balloon Expandable Stent provides a means of safely advancing the stent through the peripheral vessels to the desired location.

COMPLIANCE TABLE

Pressure (bar)	Stent Diameter (mm)					
	5	6	7	8	9	10
5	4.63	5.44	6.19	7.35	7.84	8.82
6	4.69	5.51	6.28	7.48	8.06	9.03
7	4.77	5.59	6.38	7.61	8.34	9.33
8	4.86	5.72	6.53	7.78	8.64	9.59
9	4.99	5.86	6.74	7.92	8.89	9.78
10	5.21	6.01	6.97	8.07	9.11	10.08
11	5.29	6.15	7.14	8.19	9.27	10.17
12	5.34	6.28	7.29	8.30	9.41	10.24
13	5.39	6.38	7.41	8.38	9.52	10.30
14	5.46	6.46	7.51	8.44	-	-
15	5.53	6.53	7.63	8.51	-	-
16	5.58	6.60	7.72	8.56	-	-
17	5.63	6.66	7.79	-	-	-
18	5.69	6.72	7.89	-	-	-

Outer diameter of Stent Implantation System ($\pm 10\%$)

Nominal Pressure
Rated Burst Pressure



KEY FEATURES

- ↪ **6 F Introducer compatibility** for all sizes
- ↪ **Low crossing profile** for all diameters
- ↪ **Combination low shaft and tip entry profile**
- ↪ **Soft, tapered balloon tip** for less trauma
- ↪ **Flexible stent design**
- ↪ **High radial strength**

BENEFITS

- ↪ **Simple to use**
- ↪ **Reduce puncture site diameter**
- ↪ **Easy deployment and precise placement**
- ↪ **Even and accurate stent expansion**
- ↪ **Good accessibility and high pushability** across the peripheral vessels